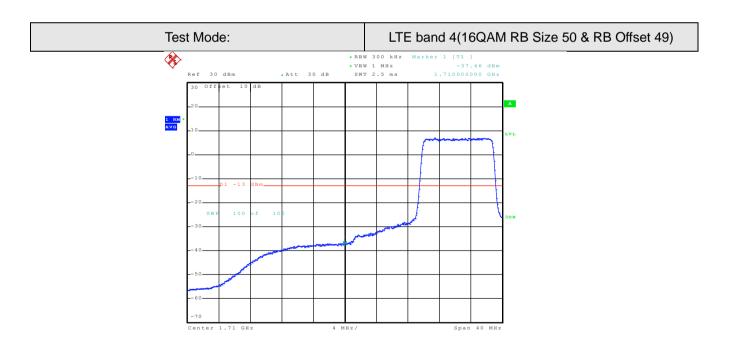


Date: 18.SEP.2014 12:02:34

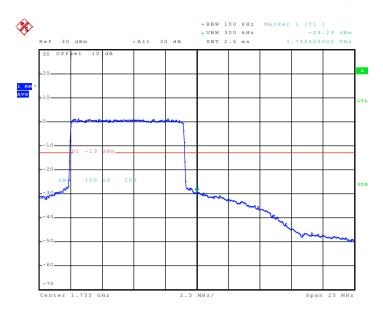
Highest channel



Date: 18.SEP.2014 11:57:10

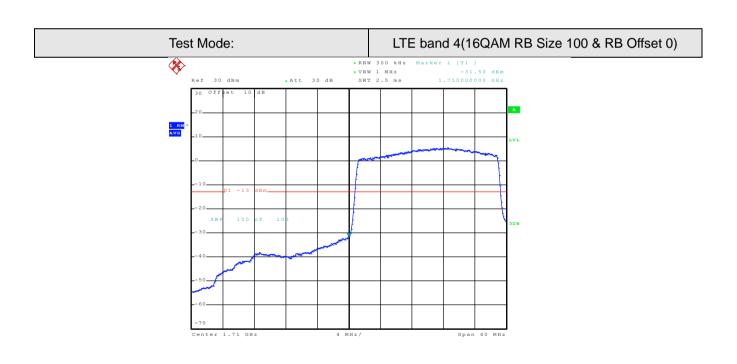
Lowest channel





Date: 28.SEP.2014 18:52:11

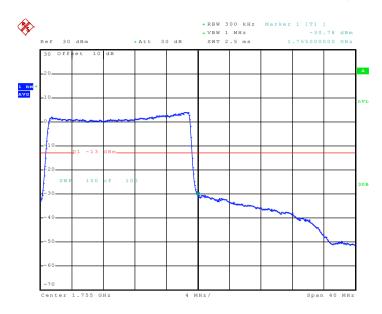
Highest channel



Date: 11.SEP.2014 10:38:13

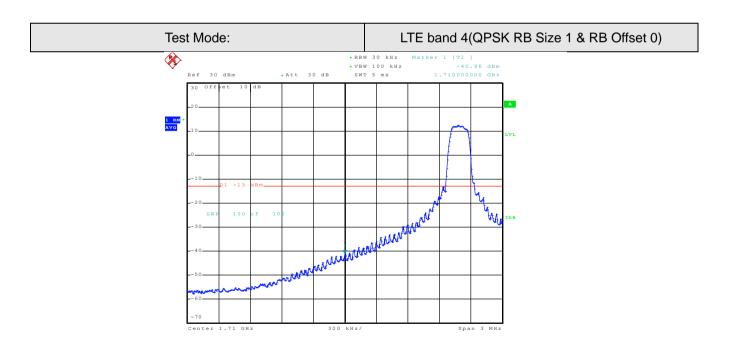
Lowest channel





Date: 11.SEP.2014 10:39:45

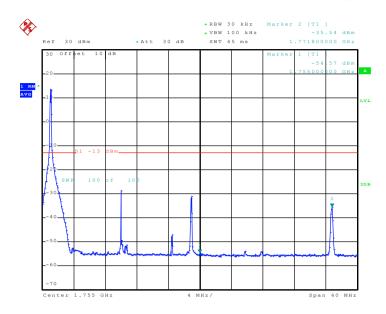
Highest channel



Date: 18.SEP.2014 11:53:43

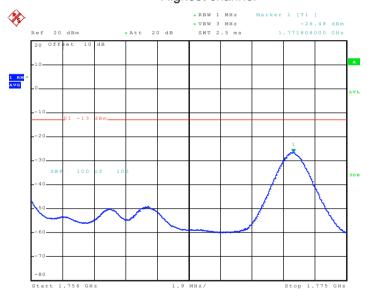
Lowest channel





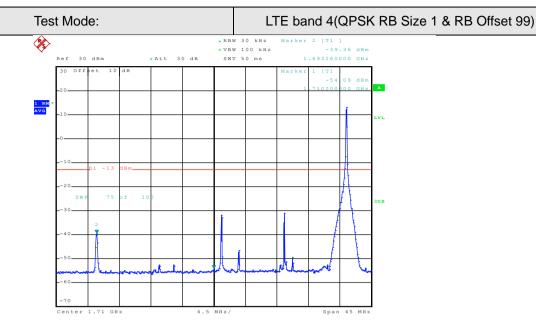
Date: 18.SEP.2014 12:01:44

Highest channel



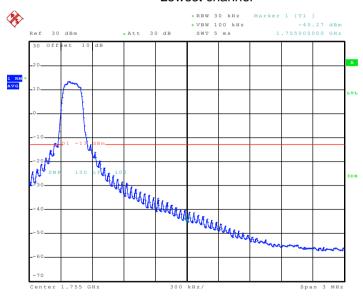
Date: 28.SEP.2014 21:08:03





Date: 18.SEP.2014 11:55:03

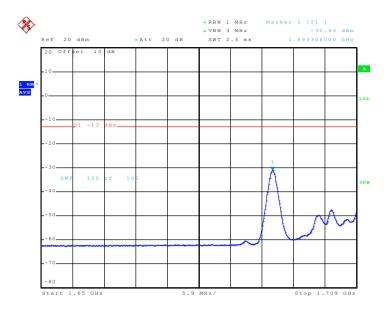
Lowest channel



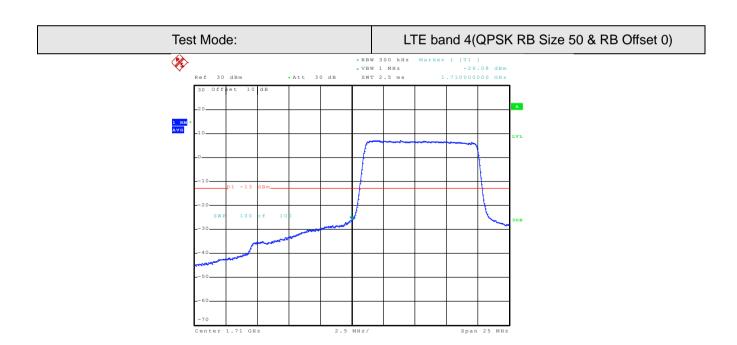
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Highest channel





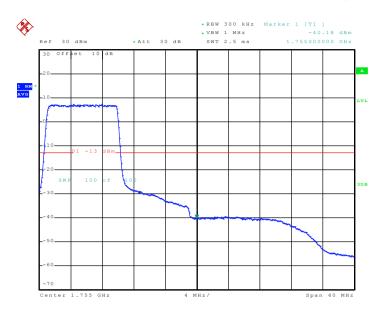
Date: 28.SEP.2014 21:11:02



Date: 18.SEP.2014 11:56:24

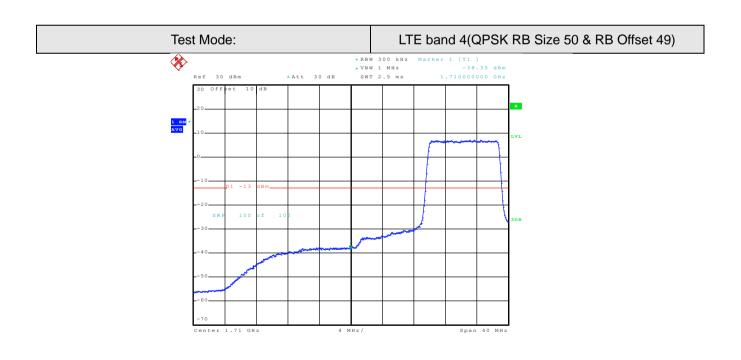
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Date: 18.SEP.2014 12:02:20

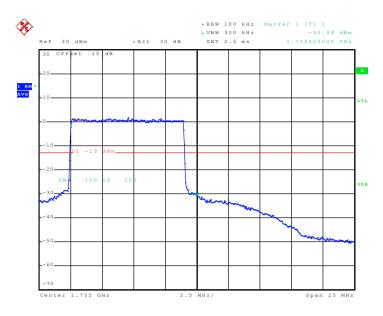
Highest channel



Date: 18.SEP.2014 11:57:31

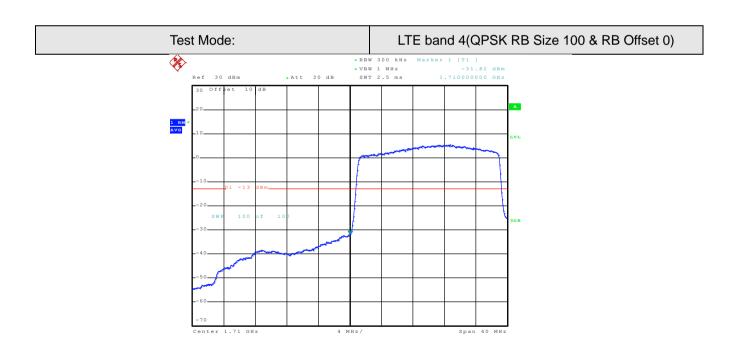
Lowest channel





Date: 28.SEP.2014 18:51:37

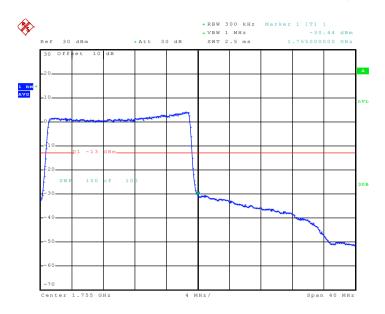
Highest channel



Date: 11.SEP.2014 10:37:48

Lowest channel



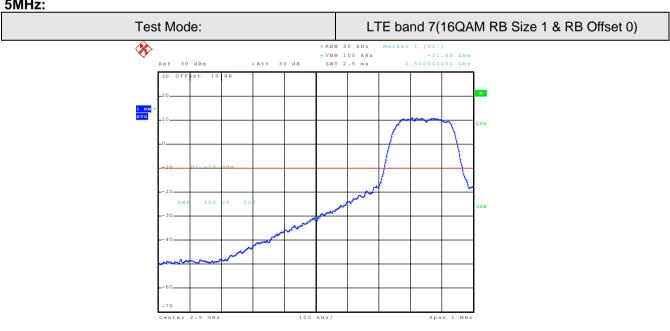


Date: 11.SEP.2014 10:39:16

Highest channel

LTE band 7 part:

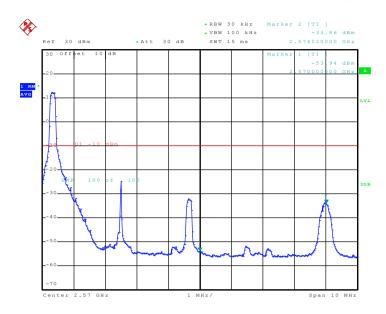
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Date: 18.SEP.2014 14:31:15

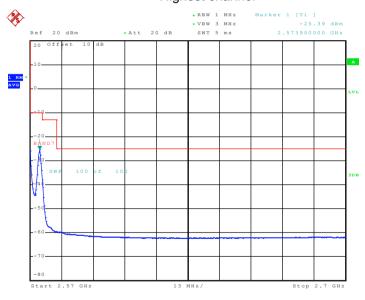
Lowest channel





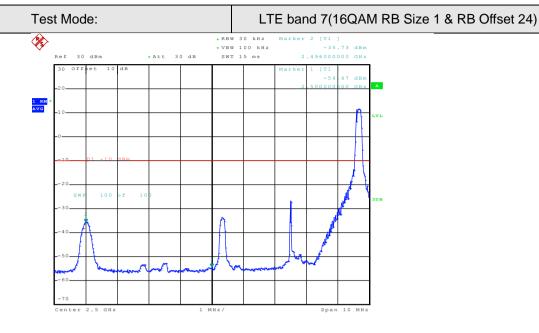
Date: 18.SEP.2014 14:36:06

Highest channel



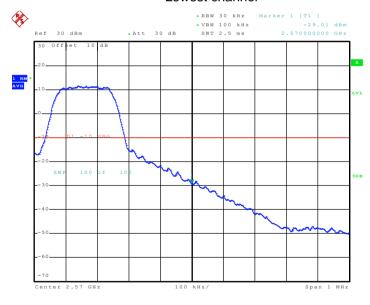
Date: 28.SEP.2014 20:45:14





Date: 18.SEP.2014 14:32:04

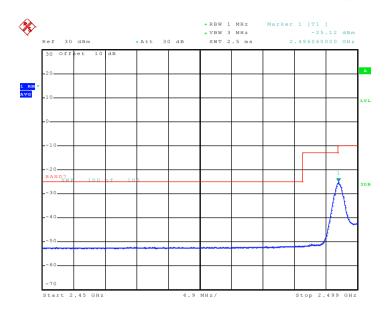
Lowest channel



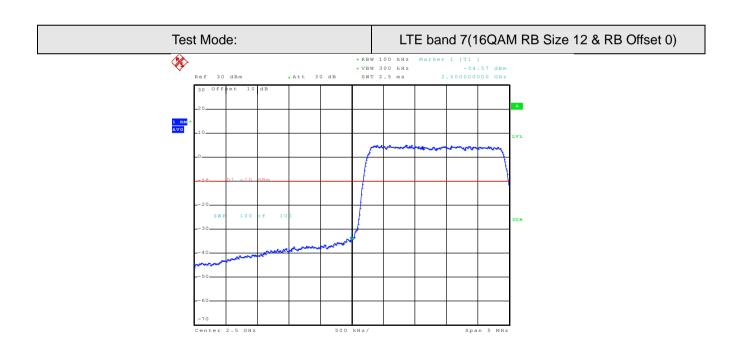
Date: 18.SEP.2014 14:37:06

Highest channel





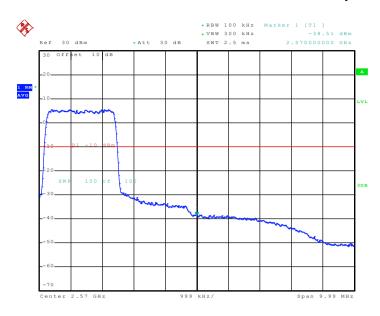
Date: 28.SEP.2014 22:04:26



Date: 18.SEP.2014 14:33:30

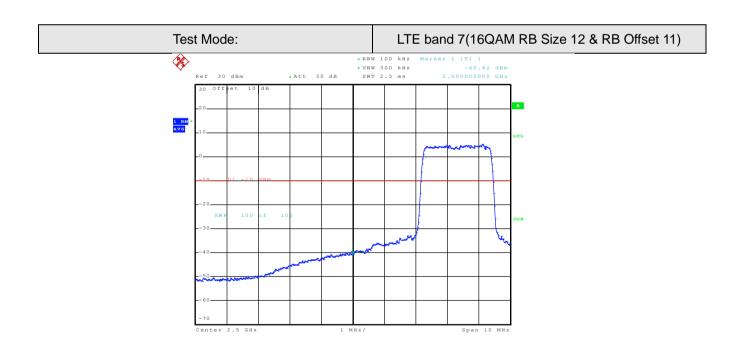
Lowest channel





Date: 18.SEP.2014 14:38:10

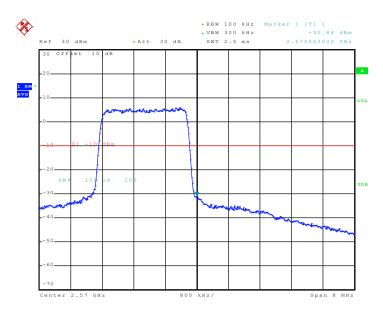
Highest channel



Lowest channel

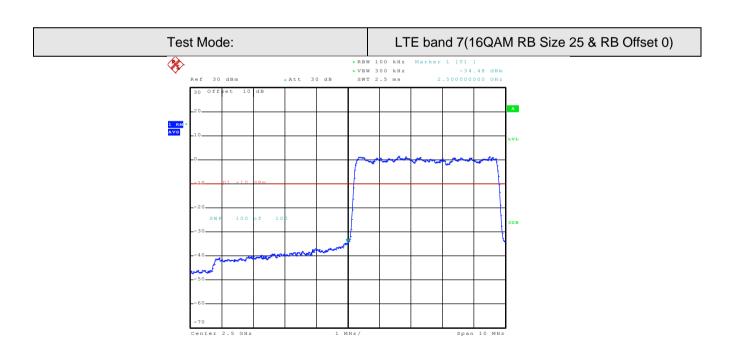
Date: 18.SEP.2014 14:34:00





Date: 28.SEP.2014 19:02:04

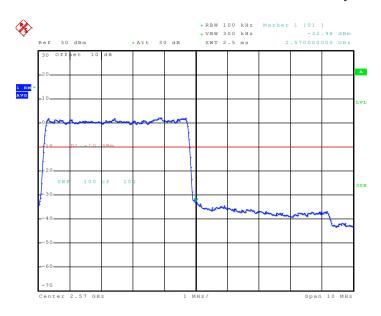
Highest channel



Date: 11.SEP.2014 15:20:26

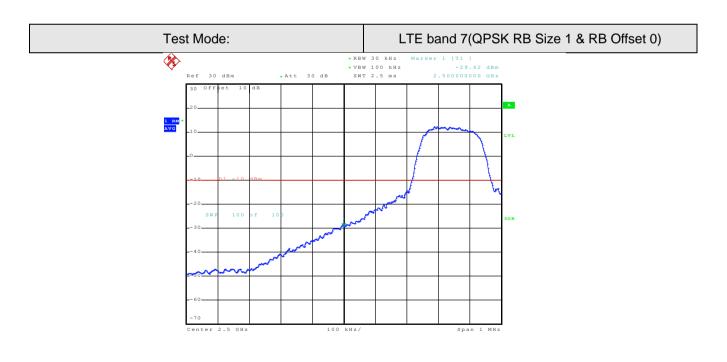
Lowest channel





Date: 11.SEP.2014 13:49:12

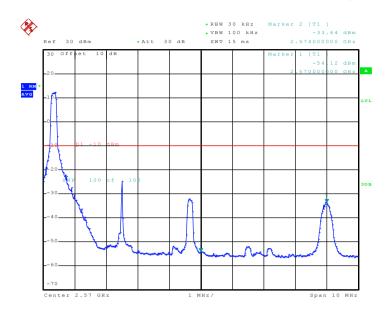
Highest channel



Date: 18.SEP.2014 14:30:55

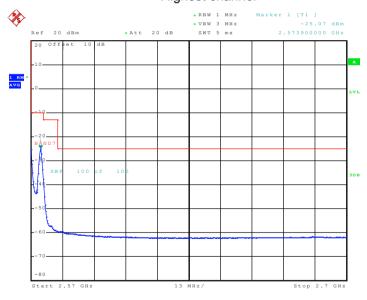
Lowest channel





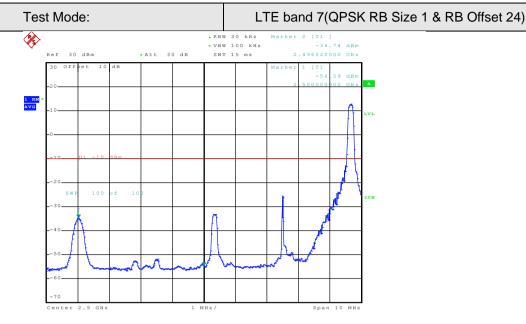
Date: 18.SEP.2014 14:35:50

Highest channel



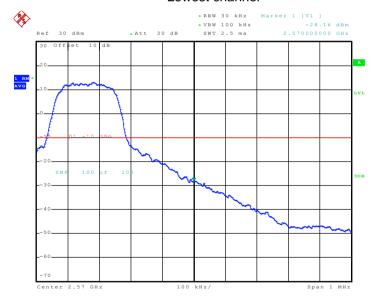
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Date: 18.SEP.2014 14:32:21

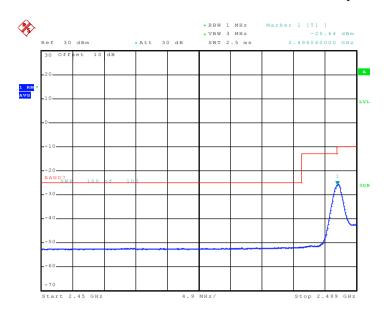
Lowest channel



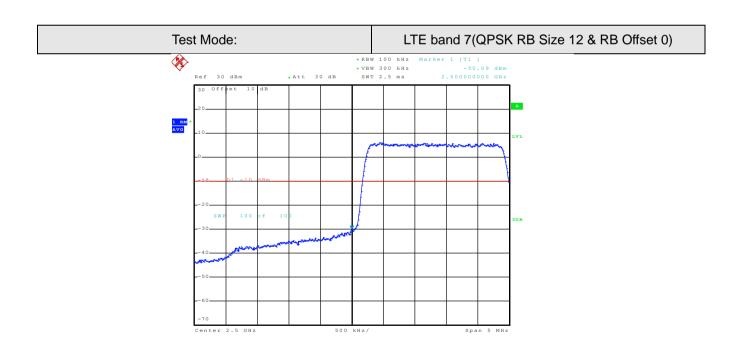
Date: 18.SEP.2014 14:37:21

Highest channel





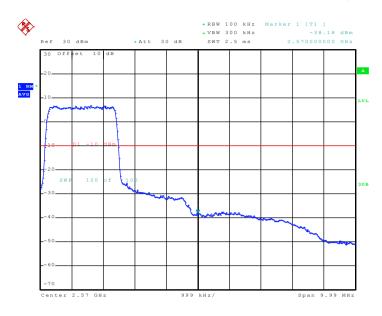
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Date: 18.SEP.2014 14:33:17

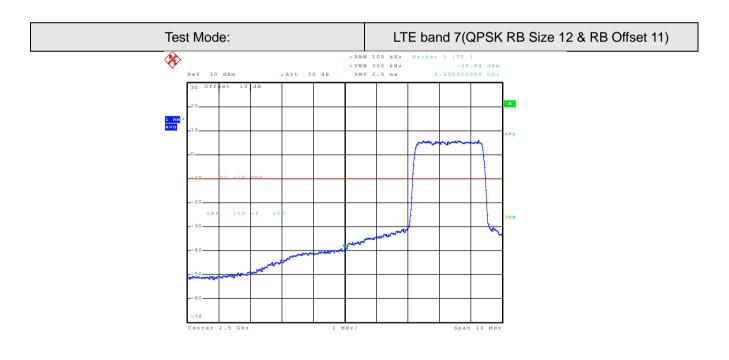
Lowest channel





Date: 18.SEP.2014 14:37:54

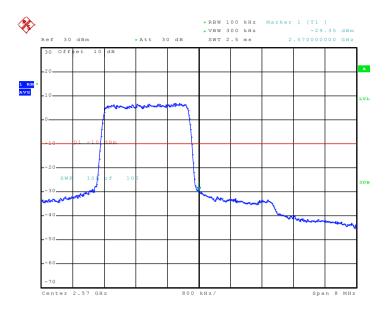
Highest channel



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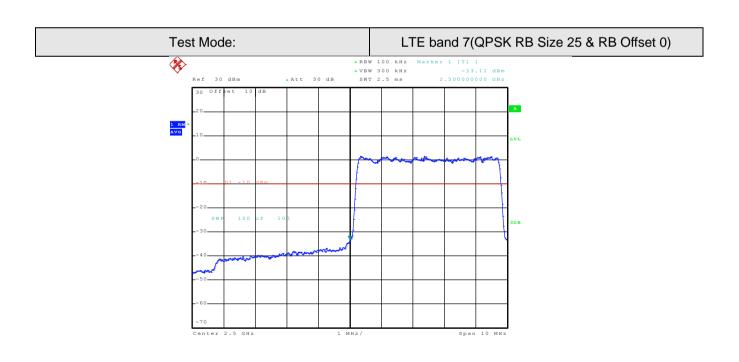
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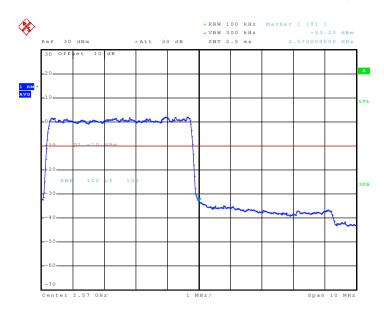
Highest channel



Date: 11.SEP.2014 15:18:25

Lowest channel

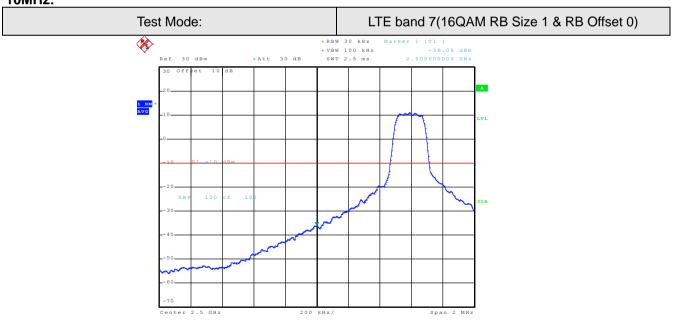




Date: 11.SEP.2014 13:48:49

Highest channel

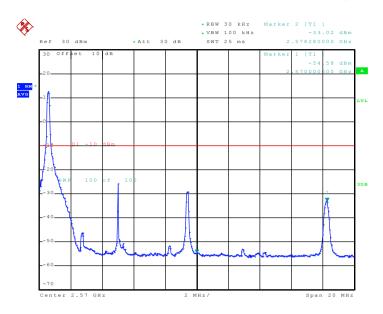
10MHz:



Date: 18.SEP.2014 14:19:13

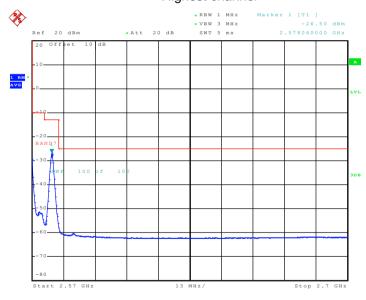
Lowest channel





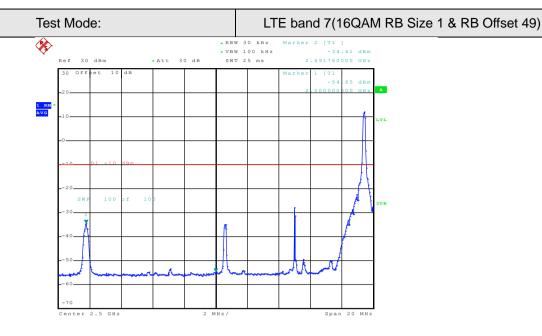
Date: 18.SEP.2014 14:27:09

Highest channel



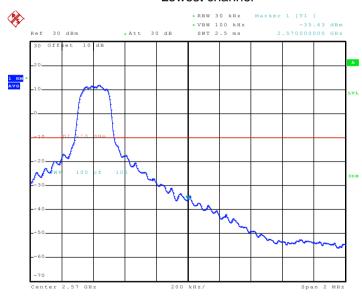
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Date: 18.SEP.2014 14:20:35

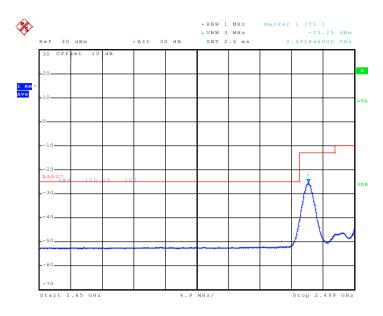
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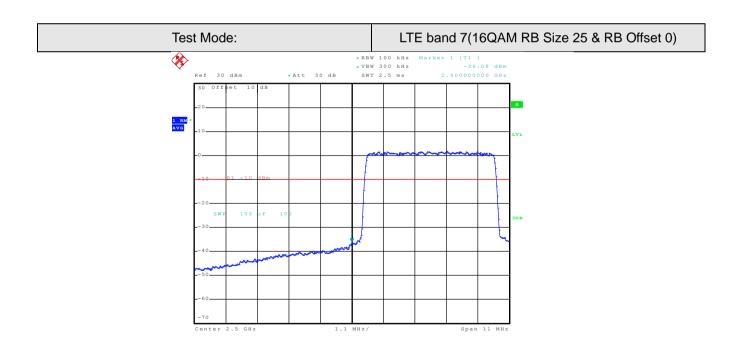
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Highest channel





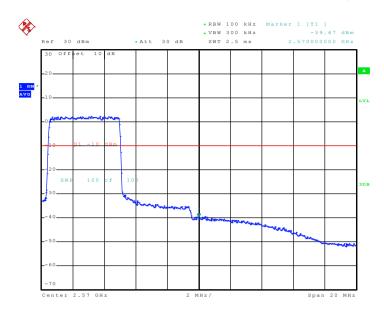
Date: 28.SEP.2014 22:09:45



Date: 18.SEP.2014 14:24:55

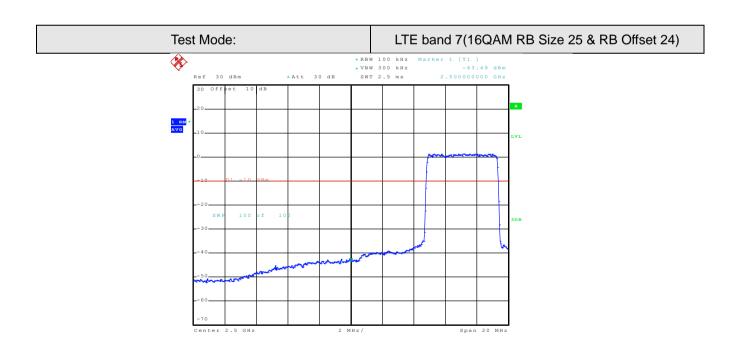
Lowest channel





Date: 18.SEP.2014 14:28:59

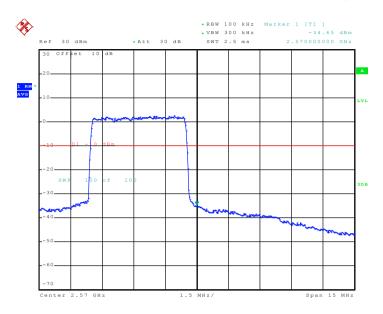
Highest channel



Date: 18.SEP.2014 14:25:18

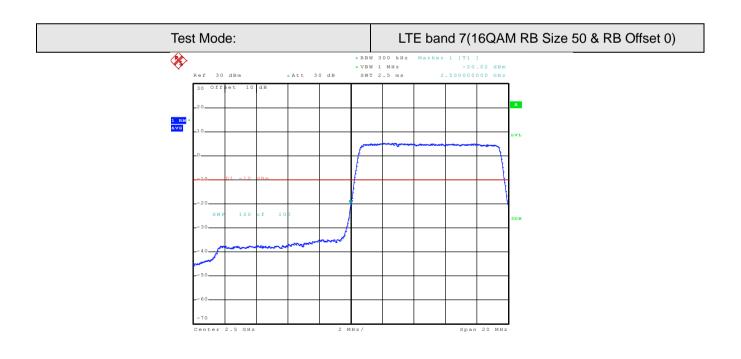
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Date: 28.SEP.2014 19:03:19

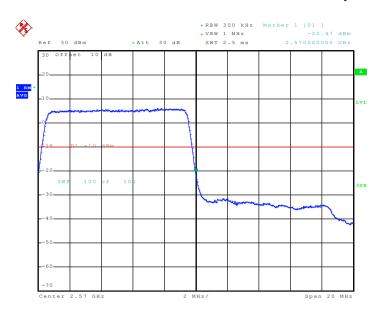
Highest channel



Date: 11.SEP.2014 15:28:58

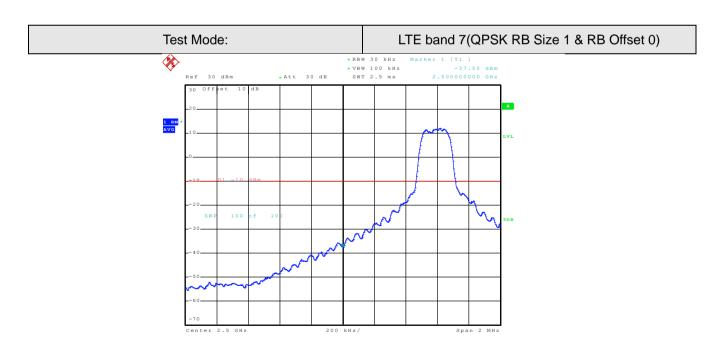
Lowest channel





Date: 11.SEP.2014 15:23:25

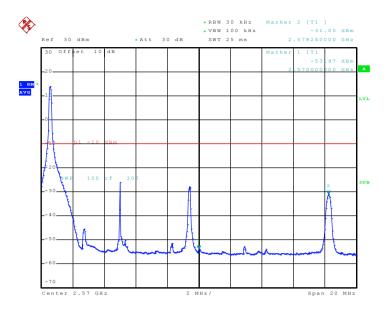
Highest channel



Date: 18.SEP.2014 14:18:42

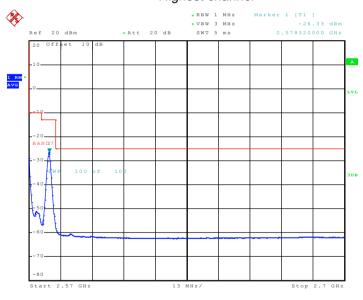
Lowest channel





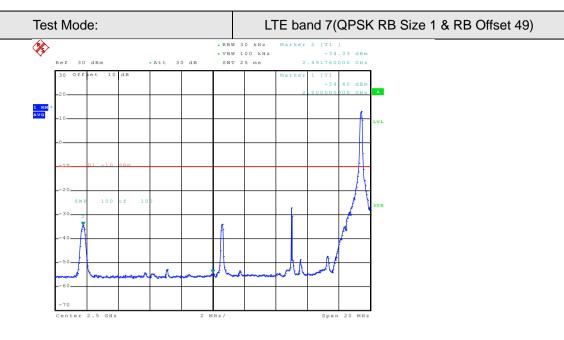
Date: 18.SEP.2014 14:26:57

Highest channel



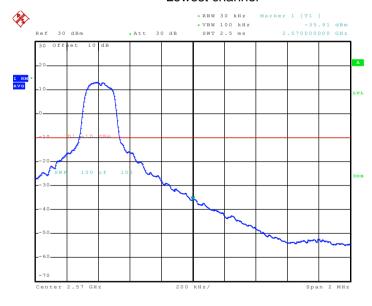
Date: 28.SEP.2014 20:43:28





Date: 18.SEP.2014 14:21:00

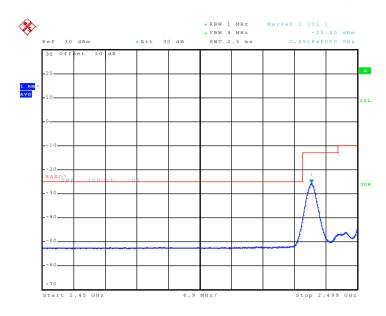
Lowest channel



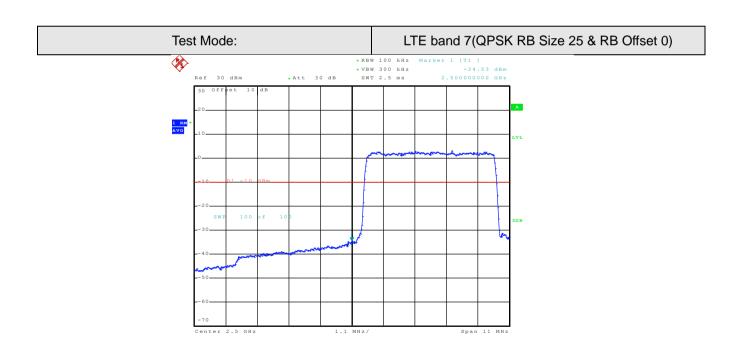
Date: 18.SEP.2014 14:28:11

Highest channel





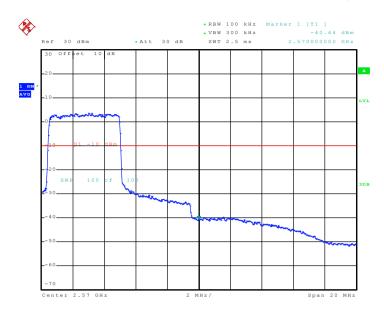
Date: 28.SEP.2014 22:09:40



Date: 18.SEP.2014 14:24:44

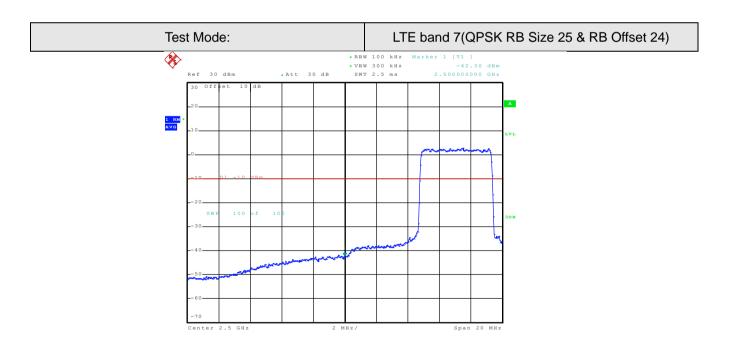
Lowest channel





Date: 18.SEP.2014 14:28:48

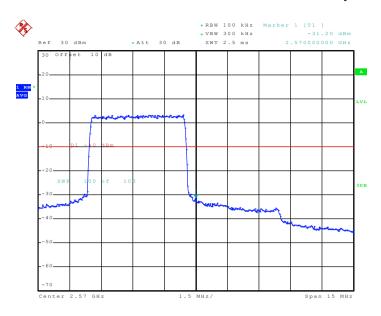
Highest channel



Date: 18.SEP.2014 14:25:39

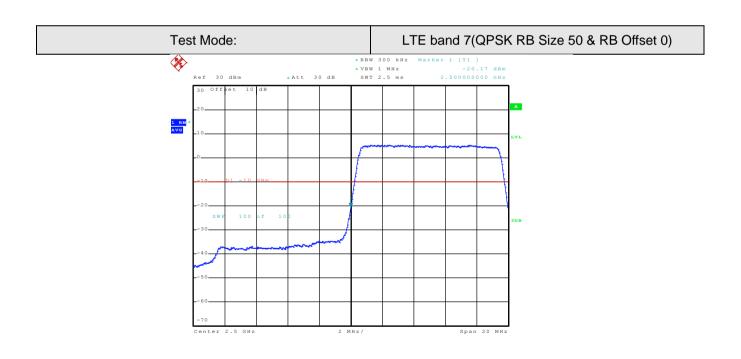
Lowest channel





Date: 28.SEP.2014 19:03:03

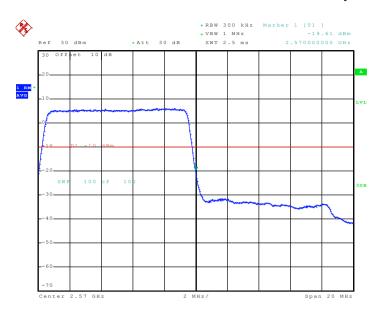
Highest channel



Date: 11.SEP.2014 15:28:02

Lowest channel

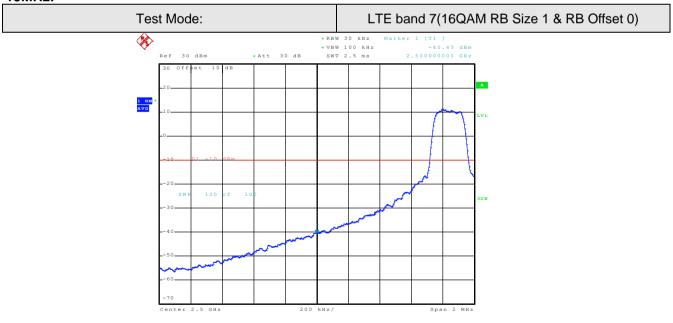




Date: 11.SEP.2014 15:22:32

Highest channel

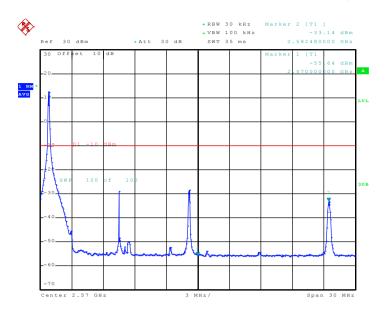
15MHz:



Date: 18.SEP.2014 14:40:02

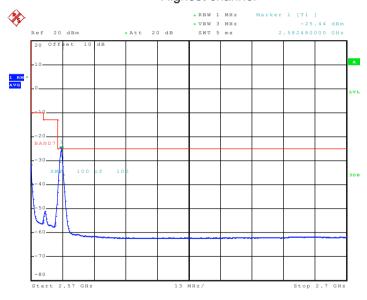
Lowest channel





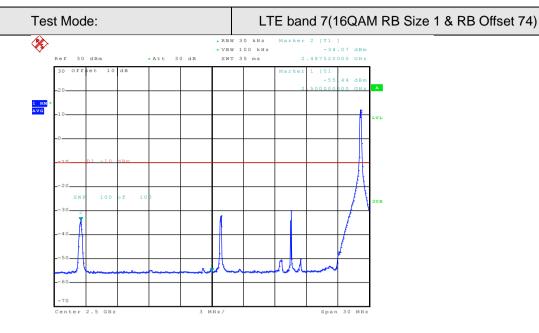
Date: 18.SEP.2014 14:44:43

Highest channel



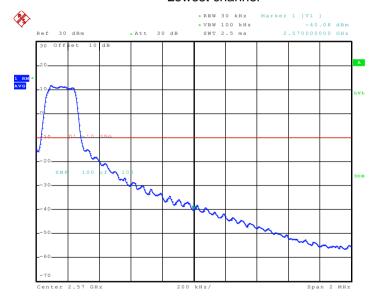
Date: 28.SEP.2014 20:40:17





Date: 18.SEP.2014 14:40:54

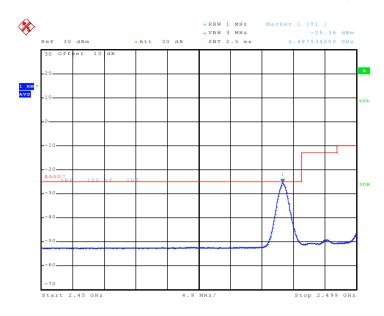
Lowest channel



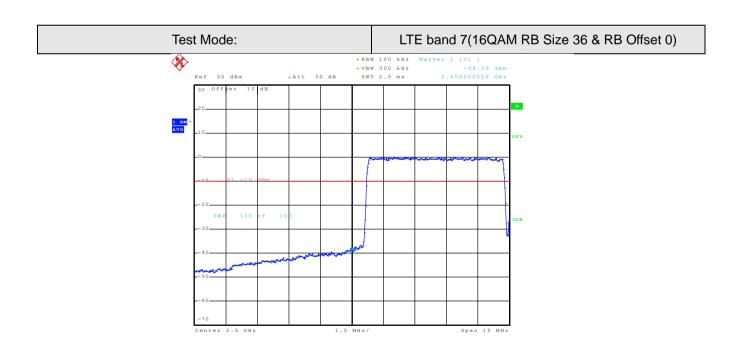
Date: 18.SEP.2014 14:46:05

Highest channel





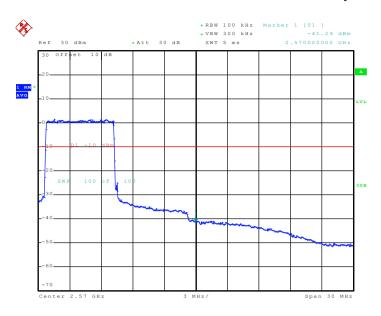
Date: 28.SEP.2014 22:08:17



Date: 18.SEP.2014 14:42:07

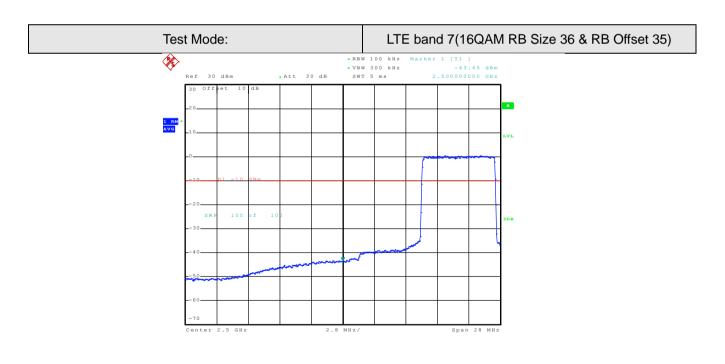
Lowest channel





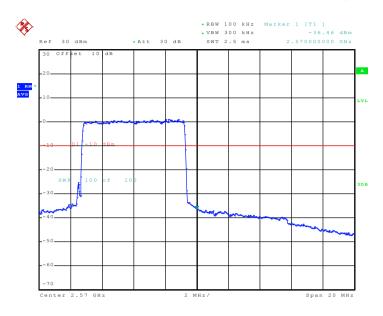
Date: 18.SEP.2014 14:46:57

Highest channel



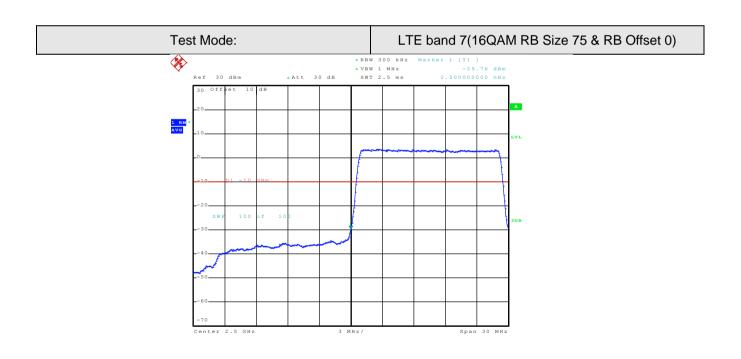
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Date: 28.SEP.2014 19:00:14

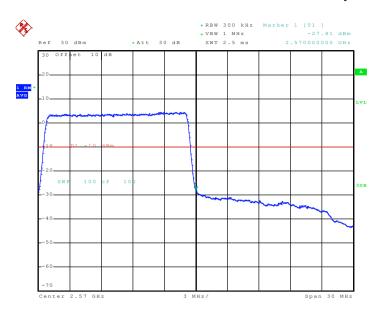
Highest channel



Date: 11.SEP.2014 15:31:21

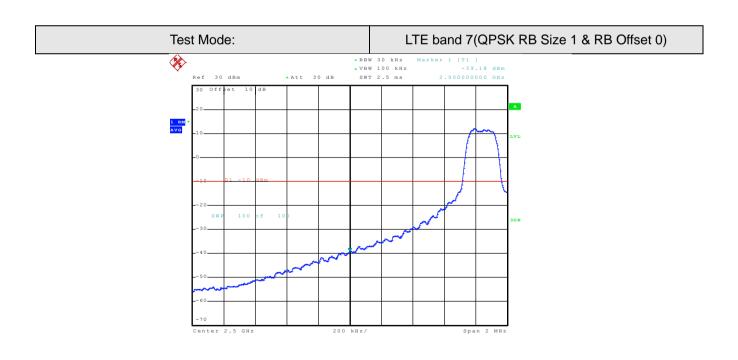
Lowest channel





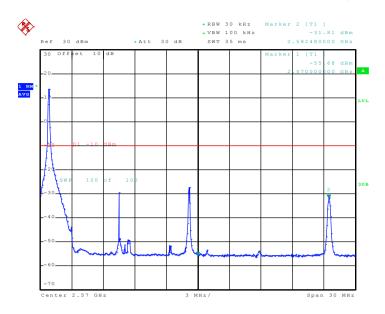
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Highest channel



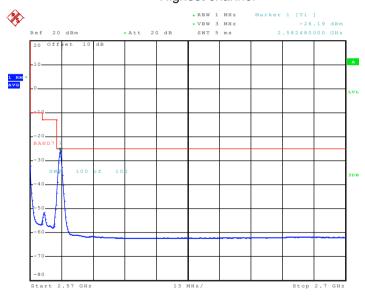
Date: 18.SEP.2014 14:39:47





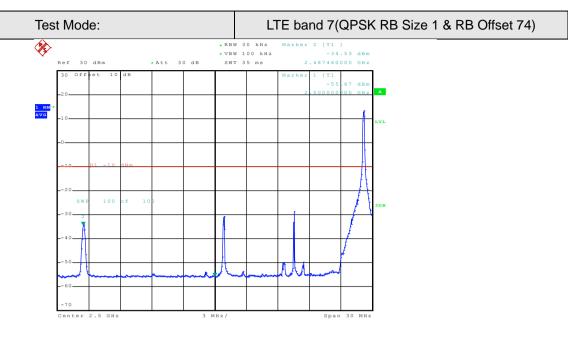
Date: 18.SEP.2014 14:44:04

Highest channel



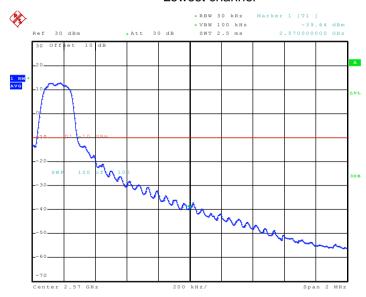
Date: 28.SEP.2014 20:40:27





Date: 18.SEP.2014 14:41:14

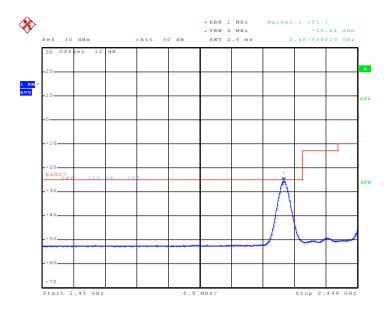
Lowest channel



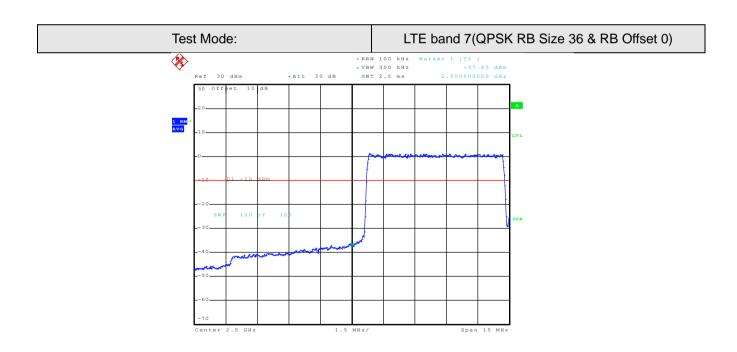
Date: 18.SEP.2014 14:45:42

Highest channel



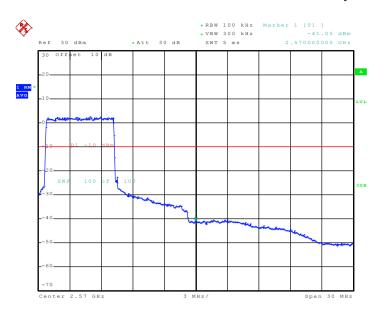


Date: 28.SEP.2014 22:08:53



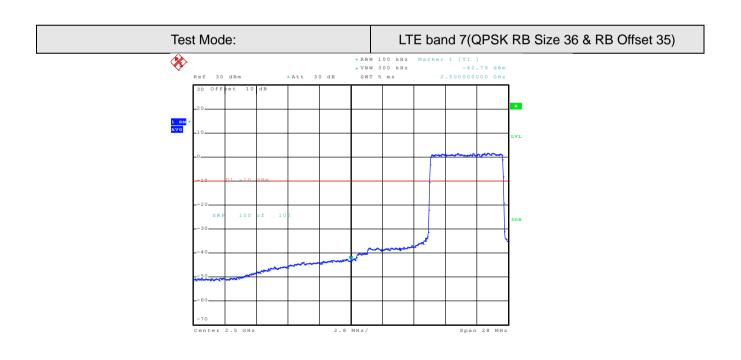
Date: 18.SEP.2014 14:41:57





Date: 18.SEP.2014 14:47:32

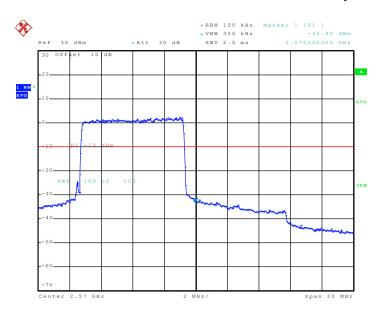
Highest channel



Date: 18.SEP.2014 14:43:01

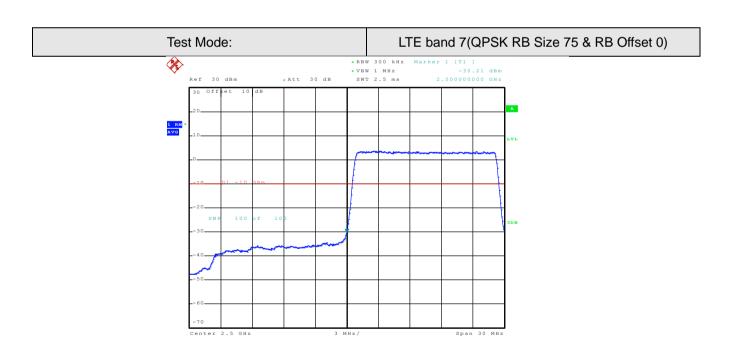
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Date: 28.SEP.2014 19:00:29

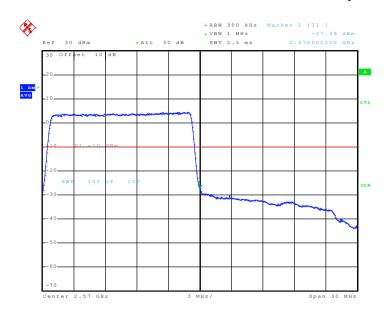
Highest channel



Date: 11.SEP.2014 15:30:41

Lowest channel

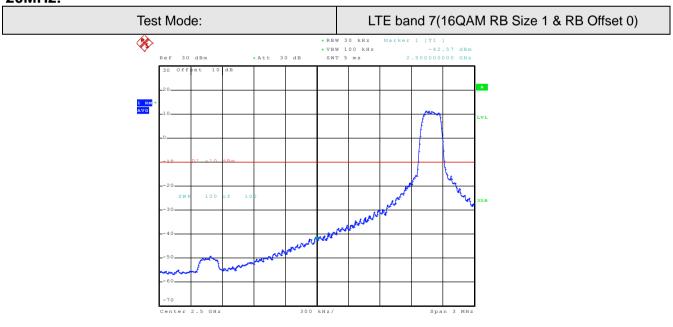




Date: 11.SEP.2014 15:32:19

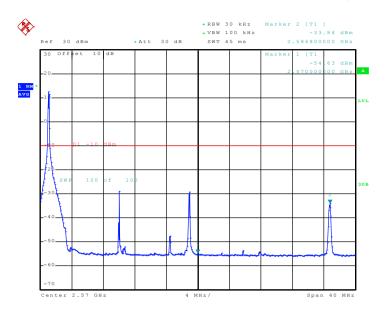
Highest channel

20MHz:



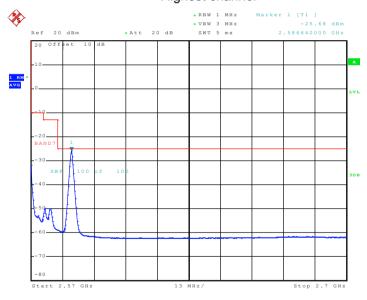
Date: 18.SEP.2014 14:52:06





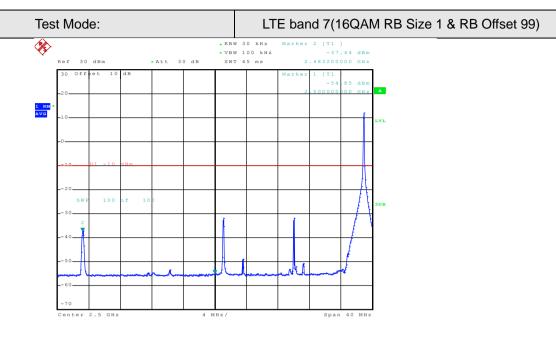
Date: 18.SEP.2014 14:57:45

Highest channel



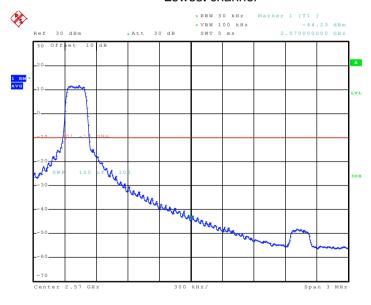
Date: 28.SEP.2014 20:37:36





Date: 18.SEP.2014 14:52:59

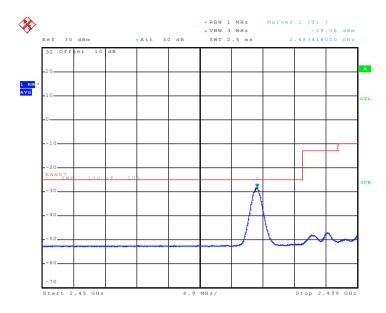
Lowest channel



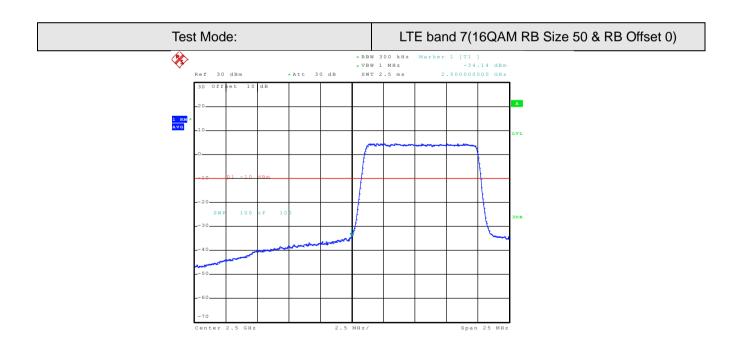
Date: 18.SEP.2014 14:59:05

Highest channel





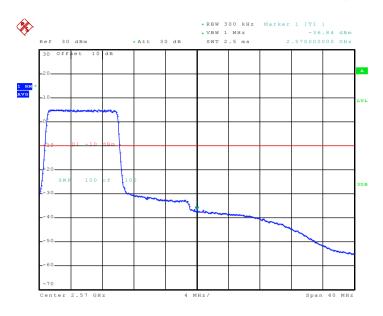
Date: 28.SEP.2014 22:07:41



Date: 18.SEP.2014 14:54:39

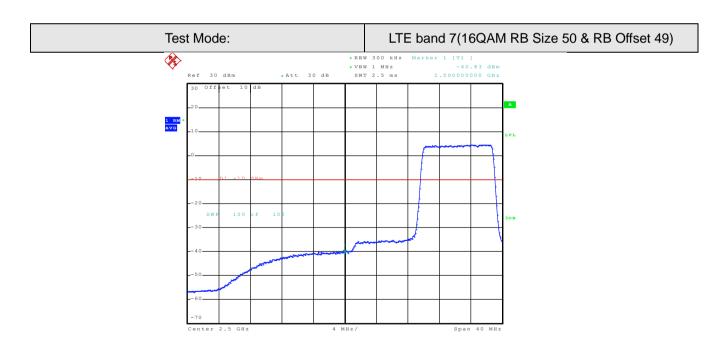
Lowest channel





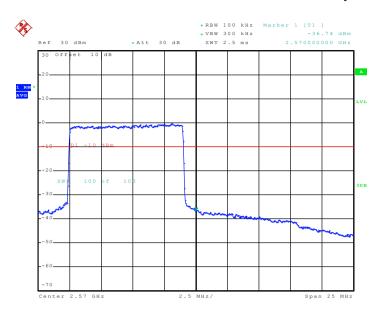
Date: 18.SEP.2014 15:00:41

Highest channel



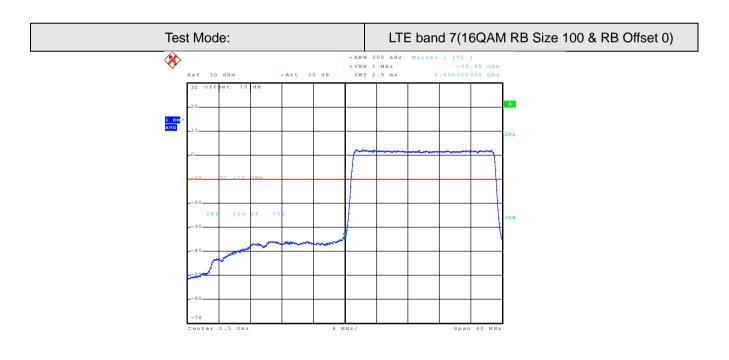
Date: 18.SEP.2014 14:55:12





Date: 28.SEP.2014 19:01:20

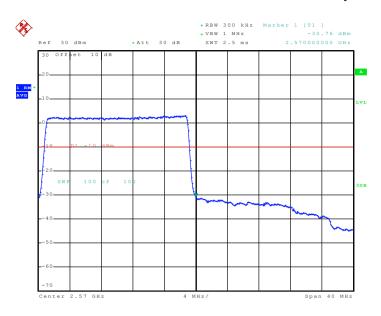
Highest channel



Date: 11.SEP.2014 15:35:49

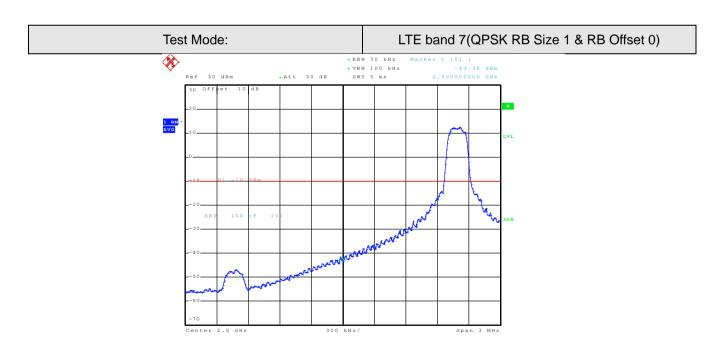
Lowest channel





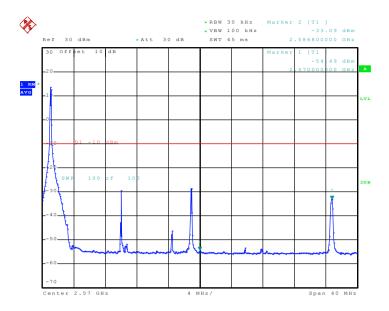
Date: 11.SEP.2014 15:34:15

Highest channel



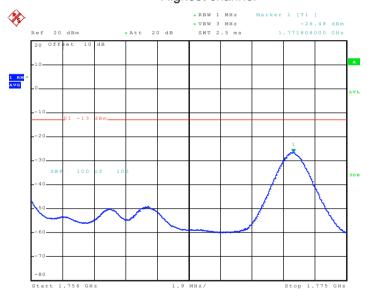
Date: 18.SEP.2014 14:51:49





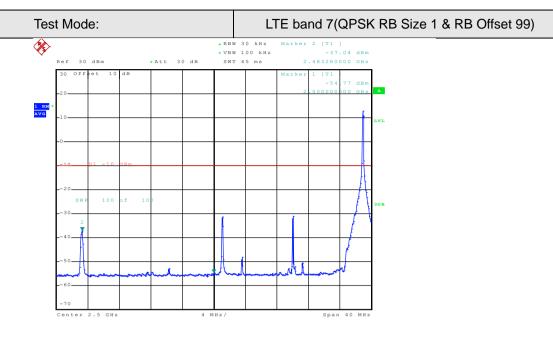
Date: 18.SEP.2014 14:58:08

Highest channel



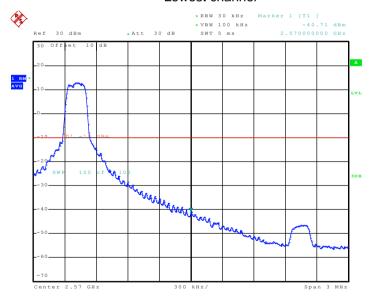
Date: 28.SEP.2014 21:08:03





Date: 18.SEP.2014 14:53:24

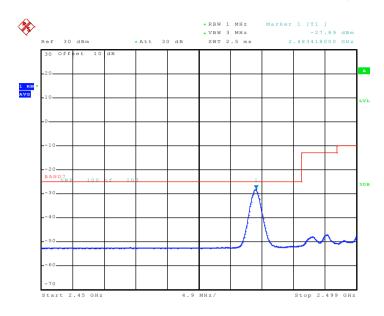
Lowest channel



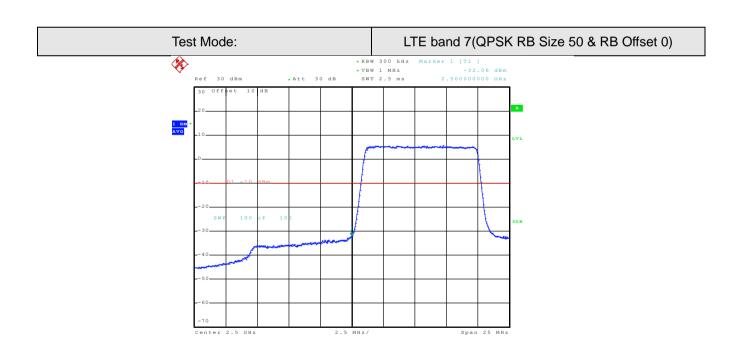
Date: 18.SEP.2014 14:58:41

Highest channel



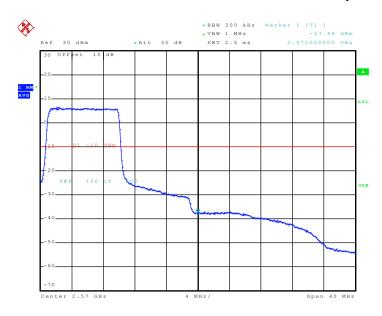


Date: 28.SEP.2014 22:07:34



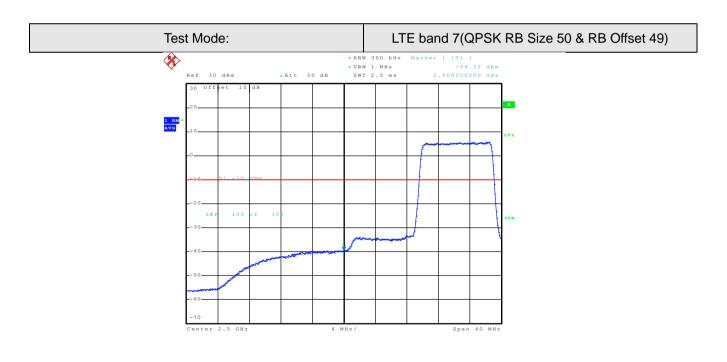
Date: 18.SEP.2014 14:54:21





Date: 18.SEP.2014 15:01:19

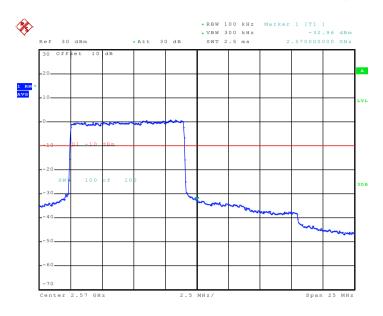
Highest channel



Date: 18.SEP.2014 14:55:39

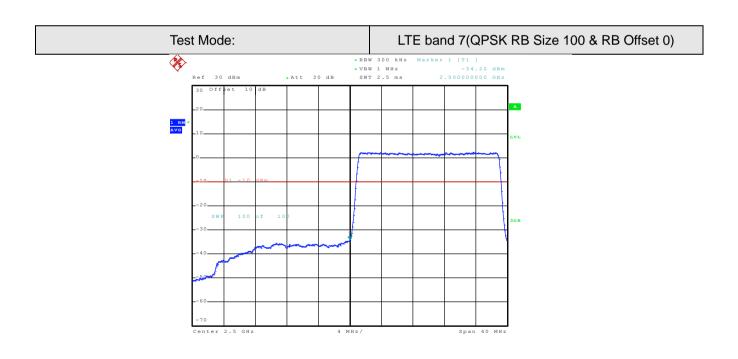
Lowest channel





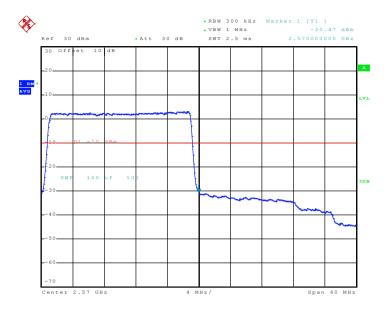
Date: 28.SEP.2014 19:01:05

Highest channel



Date: 11.SEP.2014 15:35:25





Date: 11.SEP.2014 15:33:51

Highest channel





6.9 ERP, EIRP Measurement

0.9	ERP, EIRP Measureme	
	Test Requirement:	FCC part 27.50(d) and FCC part 27.50(h)
	Test Method:	FCC part 2.1046
	Limit:	LTE Band 4: 1W ERP LTE Band 7: 2W EIRP
	Test setup:	Below 1GHz Antenna Tower Search Antenna RF T est Receiver Antenna Tower Antenna RF T est Receiver Imm Antenna Spectrum Anniyar Imm Antenna Spectrum Anniyar Antenna mast d: distance in meters d: 3 meter 1-4 meter



Test Procedure:	1. The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.
	2. During the measurement, the EUT was communication with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated.
	3. ERP in frequency band 824.2 –848.80.8MHz were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated as follows:
	ERP = S.G. output (dBm) + Antenna Gain (dBd) – Cable Loss (dB)
	4. EIRP in frequency band 1850.2 –1909.8MHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows:
	EIRP = S.G. output (dBm) + Antenna Gain (dBi) – Cable Loss (dB)
	5. The worse case was relating to the conducted output power.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case)



LTE band 4 part Lowset channel

1.4MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																											
				Н	V	20.24																													
					П	Н	18.65																												
1710.70	19957	QPSK	1.4	E1	V	20.19																													
1710.70	19957	9901 QF3K 1.4	1.4	1.4	1.4	1	1	1	E1	Н	18.57																								
				E2	V	20.13																													
				E2	Н	18.52	30.00	Pass																											
				Н	V	21.20	30.00	Fa55																											
			1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4									П	Н	19.19				
1710 70	19957	16OAM																			E1	V	21.15												
1710.70	19957	16QAM																			1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	E1	Н	19.14		
																							F0	V	21.11										
				E2	Н	19.10																													

1.4MHz(RB size 1 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																		
				Н	V	20.32																				
				П	Н	18.72																				
1710.70	19957	QPSK	1.4	1.1	1 /	1 /	1 /	1.1	1.1	1./	E1	V	20.27													
17 10.70	19937	QFSK			Н	18.68																				
				E2	V	20.25																				
				LZ	Н	18.63	30.00	Pass																		
				Н	٧	21.29	30.00	1 033																		
				1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4 E									"	Н	19.23		
1710.70	19957	160AM												E1	V	21.23										
17 10.70	19957	16QAM												<u> </u>	1.4	1.4	1.4	1.4	1.4	1.4		Н	19.18			
															E2	V	21.17									
				EZ	Н	19.14																				



1.4MHz(RB size 1 & RB offset 5)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																																
				Н	V	20.33																																		
				П	Н	18.82																																		
1710.70	19957	QPSK	1 1	1 1	1.4	1 1	1 1	1 1	1 1	1 1	E1	V	20.27																											
1710.70	19937	QFSK	1.4	E1	Н	18.76																																		
				E2	V	20.24		Pass																																
				E2	Н	18.71	30.00																																	
			1.4	Н	V	21.32	30.00																																	
				1.4	1.4	1.4	П	Н	19.27																															
1710.70	19957	16OAM					1.4	1.4	1.4	E1	V	21.28																												
1710.70	19957	16QAM								1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		Н	19.23		
																			E2 -	V	21.20																			
				EZ	Н	19.17																																		

1.4MHz(RB size 3 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result											
				Н	V	20.25													
				П	Н	18.41													
1710.70	19957	QPSK	1.4	1.4	1.4	1 /	1 1	1 1	1 1	1 1	E1	V	20.20						
1710.70	19957	QFSK				Н	18.35												
				E2	V	20.26													
				LZ	Н	18.31	30.00	Pass											
			1.4	Н	V	21.18	30.00	F a 5 5											
				1.4	1.4	1.4	1.4	1.4	1.4						П	Н	19.22		
1710 70	19957	16OAM								E1	V	21.14							
1710.70	19957	16QAM								1.4	1.4	1.4	1.4		Н	19.18			
																		,	
				E2	Н	19.12													



1.4MHz(RB size 3 & RB offset 1)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																									
				Н	V	20.18																											
				П	Н	18.35																											
1710.70	19957	QPSK	1.1	1.4	1.4	1 1	1 1	E1	V	20.12																							
1710.70	19957	QFSK	1.4		Н	18.31																											
			1.4	E2	V	20.07																											
				E2	Н	18.24	30.00	Pass																									
				Н	V	21.07	30.00	Fa55																									
				1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	П	Н	19.14														
1710 70	19957	16OAM															1.4	1.4	1.4	1.4	1.4	1.4	4.4	V	21.01								
1710.70	19957	16QAM																					1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	E1	Н	19.11
																					E2	V	20.96										
				EZ	Н	19.07																											

1.4MHz(RB size 3 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																															
				Н	V	20.11																																	
			1.4	11	Н	18.38																																	
1710.70	19957	QPSK		1.4	1.4	1 1	1 1	1 1	1.1	1.1	E1	V	20.08		ļ																								
1710.70	19937	QFSK				<u> </u>	Н	18.34																															
				E2	٧	20.07		Pass																															
				LZ	Н	18.28	30.00																																
			1.4	ш	V	21.21	30.00	F 455																															
				1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4 E	1.4	Н	Н	19.24																	
1710 70	19957	160AM																		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1 1	1.4	1.4	1.4	1.4	V	21.18		
1710.70	19957	16QAM																												<u> </u>	Н	19.20							
																			E2	V	21.14																		
				LZ	Н	19.17																																	



1.4MHz(RB size 6 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																																
				Н	V	20.12																																		
				П	Н	18.37																																		
1710 70	1710.70 19957	QPSK	1.4	1 1	1.4	1 /	1 1	1 1	1 1	1 1	E1	V	20.08																											
1710.70	19957	QFSK		□ 1	Н	18.32																																		
				E2 -	V	20.01		Pass																																
				LZ	Н	18.28	30.00																																	
			1.4	Н	V	21.22	30.00	F d 5 5																																
				1.4	1.4	1.4	1.4	1.4	1.4	1.4															П	Н	19.26	1												
1710 70	19957	160AM									⊏1	V	21.17																											
1710.70	19957	16QAM									1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4		1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	M 1.4 E1	Н	19.22		
																						E2	V	21.11																
				ĽΖ	Н	19.19																																		



Middle channel

1.4MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																								
				Н	V	20.12																										
			1.4	1.4	П	Н	18.35																									
1710.70	19957	QPSK			1.4	1.1	E1	V	20.08																							
1710.70	19957	QFSK	1.4	<u> </u>	Н	18.31																										
			1.4	E2	V	20.01		Pass																								
				LZ	Н	18.27	30.00																									
					V	21.17	30.00	F d 5 5																								
				1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4									Н	Н	19.10									
1710 70	19957	16QAM												V	21.11																	
1710.70	19957	16QAM												1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	<u> </u>	1.4	1.4	1.4	1.4	1.4		Н	19.09		
																							F0	V	21.04							
				EZ.	Н	19.04																										

1.4MHz(RB size 1 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																				
				Н	V	20.24																						
			1.4 E	П	Н	18.57																						
1710.70	0.70 19957 QPSK	OBSK		1.4	⊏1	V	20.20																					
17 10.70		QFSK		L I	Н	18.52		Pass																				
				E2	V	20.18																						
				LZ	Н	18.47	30.00																					
				н	V	21.32	30.00	F d 5 5																				
				1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	П	Н	19.13						
1710.70	19957	16OAM																		1.4		V	21.28					
17 10.70	19931	16QAM																				1.4	1.4		Н	19.07		
				LZ	Н	19.02																						



1.4MHz(RB size 1 & RB offset 5)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result												
				ш	V	20.26														
				Н	Н	18.24														
1710.70	19957	QPSK	1 1	1.4	1 1	1 1	1 /	E1	V	20.21										
1710.70	1710.70 19937	QFSK	1.4		Н	18.19														
				E2	V	20.16														
				LZ	Н	18.12	30.00	Pass												
			1.4		V	21.25	30.00	F d 5 5												
				1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4 E1		ı	Н	Н	19.16				
1710 70	19957	16QAM										E1	V	21.20						
1710.70	19937	TOQAIVI										1.4	1.4	1.4	1.4		Н	19.11		
				LZ	Н	19.06														

1.4MHz(RB size 3 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result															
				Н	V	20.35																	
				П	Н	18.43																	
1710 70	1710.70 19957 QPSK	OBSK	1.4	E1	V	20.30																	
1710.70		QFSK	1.4		Н	18.38																	
				E2	V	20.24																	
				LZ	Н	18.32	30.00	Pass															
				ш	V	21.33	30.00	rass															
																		Н	!!	Н	19.24	1	
1710 70	19957	16QAM	1.4	E1	٧	21.29																	
1710.70	19957	TOQAM	1.4		Н	19.20																	
				E2	V	21.25																	
				EZ	Н	19.16																	



1.4MHz(RB size 3 & RB offset 1)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																							
				Н	V	20.23																									
				П	Н	18.24																									
1710.70	10057	19957 QPSK	1 1	E1	V	20.21																									
1710.70	19957	QFSK	1.4	1.4	1.4	'.4 [Н	18.16																							
				E2	V	20.14																									
				EZ	Н	18.11	20.00	30.00 Pass																							
				Н	V	21.34	30.00																								
									ĺ																		П	Н	19.35		
1710 70	19957	16QAM	1.4	Γ1	V	21.30																									
1710.70	19937	TOQAM	1.4	E1	Н	19.28																									
				E2	V	21.24																									
				E2	Н	19.27																									

1.4MHz(RB size 3 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	٧	20.22		
				11	Н	18.28		
1710 70	1710.70 19957 QPS	OBSK	1.4	E1	٧	20.17		
1710.70	19937	9937 QP3N	1.4	<u> </u>	Н	18.25		
				E2	٧	20.14		
				EZ	Н	18.20	30.00	Pass
				ш	V	21.28	30.00	Fa55
				П	Н	19.26		
1710.70	19957	16QAM	1.4	E1	V	21.23		
1710.70	19937	TOQAM	1.4	<u> </u>	Н	19.21		
				E2	V	21.18		
				ĽΖ	Н	19.12		



1.4MHz(RB size 6 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																		
				Н	V	20.16																				
				П	Н	18.32																				
1710.70	19957	QPSK	1.4	1.4	1.4	1.4	1.4	1.4	E1	V	20.11															
17 10.70	19957	QFSK						<u> </u>	Н	18.28																
				E2	V	20.07																				
				E2	Н	18.23	30.00	Pass																		
				Н	٧	21.34	30.00	rass																		
						ı																	!!	Η	19.23	
1710 70	19957	16QAM	1.4	E1	V	21.29																				
1710.70	19957	TOQAM	1.4		Н	19.19																				
				E2	V	21.24																				
				EZ.	Н	19.13																				



Highest channel

1.4MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																						
				Н	V	20.56																								
				П	Н	18.87																								
1710.70	19957	QPSK	1.4	1.4	1.4	1.4	1.4	E1	V	20.51																				
1710.70	19957	QFSK						1.4	1	1.4	E1	Н	18.82																	
				E2	V	20.46																								
				EZ.	Н	18.75	30.00	Pass																						
				Ш	V	21.35	30.00	rass																						
										<u> </u>					ı	ļ	ı									H	Н	19.42		
1710 70	19957	16QAM	1.4	E1	V	21.31																								
1710.70	19957	IOQAW	1.4	□ I	Н	19.38																								
				E2	V	21.26																								
				EZ	Н	19.30																								

1.4MHz(RB size 1 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																						
				Н	V	20.48																								
				П	Н	18.76																								
1710.70	19957	QPSK	1.4	1.4	1.4	1.4	1.4	1.4 E1	V	20.42																				
1710.70	19957	QFSK							1	1.4	<u> </u>	Н	18.71																	
				E2	V	20.67																								
				EZ	Н	18.67	30.00	Pass																						
					V	21.26	30.00	rass																						
									İ						ı	ļ											Н	19.37]	
1710 70	19957	16QAM	1.4	E1	V	21.23																								
1710.70	19951	IOQAW	1.4	<u> </u>	Н	19.31																								
				E2	V	21.22																								
				EZ	Н	19.24																								



1.4MHz(RB size 1 & RB offset 5)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result													
				Н	V	20.61															
				П	Н	18.99															
1710.70	19957	QPSK	1.4		4.4	1.4	1.4	1 4	E1	V	20.57										
1710.70	19957	QFSK		_ []	Н	18.95															
				Eo	V	20.52															
			E2 H 18.89 30.00	Pass																	
				ш	V	21.48	30.00	Fd55													
								ļ	ļ						ļ		Н	Н	19.58		
1710.70	19957	16QAM	1.4	E1	V	21.22															
1710.70	19957	IOQAW	1.4	E1	Н	19.23															
				E2	V	21.17															
				EZ	Н	19.16															

1.4MHz(RB size 3 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result													
				Н	V	20.31															
				П	Н	18.62															
1710.70	19957	QPSK	1.4	1.4	1.4	E1	V	20.27													
1710.70	19957	QFSK				1	1.4	1.7	1.4	1	<u> </u>	Н	18.59								
			E2	V	20.21																
				EZ	Н	18.53	30.00	Pass													
				Н	V	21.21	30.00	Fa55													
																	П	Н	19.35		
1710.70	19957	16QAM	1.4	E1	V	21.18															
1710.70	19937	IOQAW	1.4	E1	Н	19.30															
				E2	V	21.12															
				EZ	Н	19.26															



1.4MHz(RB size 3 & RB offset 1)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result													
				Н	V	20.31		m) Result													
				П	Н	18.26															
1710.70	19957	QPSK	1.4	1.4	1.4	E1	V	20.27													
1710.70	19937	QFSK				1.4	1.4	1.4	1.4	1.4	<u> </u>	Н	18.20								
				E2	V	20.21															
				EZ.	Н	18.16	30.00	Door													
				Н	V	21.25	30.00	Fd55													
								 -			ļ				ļ			Н	19.36		
1710.70	19957	16QAM	1.4	E1	V	21.21															
1710.70	19937	IOQAW	1.4	E1	Н	19.32															
				E2	V	21.16															
				EZ	Н	19.27															

1.4MHz(RB size 3 & RB offset 2)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result													
				Н	V	20.44															
				П	Н	18.75															
1710.70	19957	7 QPSK	OBSK	OBSK	OBSK	1.4	E1	V	20.35												
1710.70	19951	QFSK	1.4	1.4	1.4		1	Εİ	Н	18.64											
				E2	V	20.14															
				E2	Н	18.37	30.00	Pass													
				Н	V	21.52	30.00	F 455													
								ļ	I								"	Н	19.53		
1710.70	19957	16QAM	1.4	E1	V	20.85															
1710.70	19937	IOQAW	1.4	_ = '	Н	18.69															
				E2	V	20.65															
				EZ	Н	18.27															



1.4MHz(RB size 6 & RB offset 0)

	1.4WHZ(ND SIZE 0 & ND OHSEL 0)																													
Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																						
				Н	V	20.56																								
				П	Н	18.85																								
1710.70	19957	QPSK	1.4	E1	V	20.45																								
1710.70	1/10.70 19937 QP3N	1.4		Н	18.63																									
				E2	V	20.32																								
				E2	Н	18.26	30.00	Pass																						
				Н	V	21.16	30.00	Fa55																						
															1	ı											Н	19.13]	
1710 70	19957	16QAM	1.4	E1	V	20.92																								
1710.70	19937	IOQAW	1.4	_ = '	Н	18.72																								
				E2	V	20.79																								
				EZ	Н	18.31																								



Lowset channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.64		
				П	Н	16.81		
1720.00	20.00 20050 QPSK	OBSK	20.0	E1	V	18.60		
1720.00	20050	QF3N Z	20.0		Н	16.76		
				E2	V	18.54		
				LZ	Н	16.76	20.00	Result Pass
				П	V	19.74	30.00	Pass
				Н	Н	17.75		
4700.00	20050	40000	20.0	- 4	V	19.68		
1720.00	20050	16QAM	20.0	E1	Н	17.70		
				ГО	V	19.62		
				E2	Н	17.65		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1720.00	20050	QPSK	20.0	Н	V	18.57	30.00	Pass
					Н	16.75		
				E1	V	18.52		
					Н	16.71		
				E2	V	18.48		
					Н	16.67		
1720.00	20050	16QAM	20.0	Н	V	19.65		
					Н	17.68		
				E1	V	19.63		
					Н	17.62		
				E2	V	19.58		
					Н	17.59		



20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.56		
				П	Н	16.73		
1720.00	1720.00 20050	QPSK	20.0	E1	V	18.51		
1720.00 20030	QFSK	20.0		Н	16.67			
				E2	V	18.46		
				L2	Н	16.63	20.00	Door
				Η	٧	19.51	30.00	Pass
				П	Н	17.63		
1720.00	20050	16QAM	20.0	- 4	V	19.57		
1720.00	20050	IOQAW	20.0	E1	Н	17.59		
				Го	V	19.51		
				E2	Н	17.54		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																				
				Н	V	18.59																						
				П	Н	16.75																						
1720.00	1720.00 20050 QPSK	OBSK	20.0	E1 V 18.53																								
1720.00		20.0		Н	16.71																							
				E2	V	18.48																						
				LZ	Η	16.67	20.00	Dana																				
				Η	V	19.62	30.00	Pass																				
																									Н	17.52		
1720.00	20050	16QAM	20.0	- 4	V	19.56																						
1720.00 2005	20050	IOQAIVI	20.0	E1	Н	17.48																						
				ГЭ	V	19.50																						
				E2	Н	17.44																						



20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.62		
				П	Н	16.43		
1720.00	1720.00 20050	QPSK	20.0	E1	٧	18.55		
1720.00 20030 Q	QFSK	20.0		Н	16.38		Pass	
				E2	٧	18.51		
				L2	Н	16.31	20.00	Door
				Н	V	19.53	30.00	Pass
				П	Н	17.41		
1720.00	20050	16QAM	20.0	- 4	V	19.49		
1720.00	20050	IOQAW	20.0	E1	Н	17.37		
				Го	V	19.42		
				E2	Н	17.30		

20MHz(RB size 1 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.40		
				П	Н	16.61		
1720.00	1720.00 20050 QPSK	OBSK	20.0	⊏1	V	18.35		
1720.00		QFSK	20.0	E1	Н	16.54		
				E2	V	18.28		
				LZ	Η	16.48	20.00	Pass
				ш	V	19.53	30.00	Pass
				П	Н	17.50		
1720.00	20050	16QAM	20.0	- 4	V	19.47		
1720.00 2	20050	IOQAW	20.0	ET	Н	17.46		
				Го	V	19.41		
				EZ	H V H V T T T T T T T T T T T T T T T T	17.43		



20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.55		
1720.00 20050				П	Н	16.59		
	QPSK	20.0	E1	V	18.53			
	QFSK	20.0	<u> </u>	Н	16.56			
				E2	V	18.49		
				LZ	Н	16.51	20.00	Dana
				Н	V	19.47	30.00	Pass
					Н	17.53		
4700.00	20050	4CO A N4	20.0	F4	V	19.43		
1720.00	20050	16QAM	20.0	E1	Н	17.44		
				F0	V	19.35		
				E2	Н	17.39		



Middle channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.73		Result Pass
1732.50 20175				П	DI. Pol. EIRP(dBm) (dBm) Result V			
	QPSK	20.0	E1	V	18.66			
	QFSK	20.0		Н	16.81			
				E2	V	18.59		
				LZ	Н	16.77	20.00	Davis
				H	V	19.74	30.00	
				П	Н	17.75		
1722.50	00475	40000	20.0	- 4	V	19.68		
1732.50	20175	16QAM	20.0	E1	Н	17.70		
				ГО	V	19.62		
				E2	Н	17.65		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				ы	V	18.56		
				П	Н	16.70		
1732 50	1732.50 20175 QF	QPSK	20.0	⊑ 1	V	18.50		
1732.30		QFSK	20.0	H V 18.56 H 16.70 E1 V 18.46 H 16.63 H 16.63 H 17.65 V 19.61 H 17.57				
				E2	V	18.46		
				LZ	Н	16.63	20.00	Door
				ы	V	19.63	30.00	Pass
					Н	17.65		
1732.50	20175	16QAM	20.0	- 1	V	19.61		
1732.50	20175	IOQAW	20.0	_ []	Н	17.57		
				ГО	V	19.56		
				E2	Н	17.57		



20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.54		
	1732.50 20175 QPSK			П	Н	16.72		
1732 50		OBSK	20.0	E1	V	18.48		
1732.50		QFSK	20.0		Н	16.67		
				E2	٧	18.43		
				LZ	Н	16.61	20.00	Doos
				Н	V	19.57	30.00	Pass
				П	Н	17.61		
1722 50	20175	16QAM	20.0	F4	V	19.52		Pass
1732.50	20175	IOQAIVI	20.0	E1	Н	17.57		
				ГО	V	19.48		
				E2	Н	17.53		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.56		
				11	Н	16.71		
1732 50	1732.50 20175 QP	QPSK	20.0	⊑ 1	V	18.52		
1732.50		QFSK	20.0		E1 H 16.66			
				E2	V	18.48		
				L Z	Н	16.62	20.00	Dana
				Н	V	19.57	30.00	Pass
				П	Н	17.48		
1732.50	20175	16QAM	20.0	E1	V	19.55		
1732.50	20175	IOQAW	20.0	_ []	Н	17.44		
				ГО	V	19.51		
				E2	Н	17.42		



20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.63		
				П	Н	16.41		
1722.50	1732.50 20175	QPSK	20.0	E1	V	18.57		
1732.30 20175	QFSK	20.0	E1 H 16.38 V 18.54					
				ΕQ	V	18.54		
				EZ.	Н	16.33	20.00	Doos
				Н	V	19.51	30.00	Pass
				П	Н	17.38		
1732.50	20175	16QAM	20.0	- 4	V	19.48		
1732.50	20175	IOQAIVI	20.0	E1	Н	17.34		
				ГО	V	19.44		
				E2	Н	17.30		

20MHz(RB size 1 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.38		
				П	Н	16.59	I PACILIT	
1732 50	1732.50 20175 QPSK	OBSK	20.0	E1 V 18.35 H 16.57				
1732.30		QFSK	20.0		Н	16.57		
				E2	V	18.30		
				EZ.	Н	16.52	20.00	Door
				Н	V	19.50	30.00	Pass
				П	Н	17.48		
1732.50	20175	16QAM	20.0	E1	V	19.48		
1732.50	20175	IOQAW	20.0	_ []	Н	17.45		
				ГО	V	19.42		
				E2	Н	17.41		



20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.51		
				П	Н	16.57		
1732 50	1732.50 20175	QPSK	20.0	E1	V	18.48		
1732.30 20173	20175	QFSK	20.0		Н	16.53		
				E2	V	18.42		
				LZ	Н	16.48	20.00	Davis
				Н	٧	19.44	30.00	Pass
					Н	17.49		
1722.50	00475	100 AM	20.0	- 4	V	19.40		
1732.50	20175	16QAM	20.0	E1	Н	17.43		
				Ε0	V	19.38		
				E2	Н	17.39		



High channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.71		
				П	Н	16.84		
1745.00	1745.00 20300 QPSK	OBSK	20.0	E 1	V	18.68		
1745.00		QFSK	20.0	E1	Н	16.81		
				E2	V	18.63		
					Н	16.77	30.00	Door
				Н	V	19.67	30.00	rass
				П	Н	17.70		
1745.00	20300	16QAM	20.0	E1	V	19.64		
1745.00	20300	IOQAW	20.0		Н	17.67		
				E2	V	19.60		Result Pass
				E2 H	Н	17.62		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.52		
				П	Н	16.68		
1745 00	1745.00 20300 QPS	OBSK	20.0	- 1	V	18.47		
1745.00		QFSK	20.0		E1 H 16.65			
				E2	V	18.43		
				L Z	Η	16.61	30.00) Result
				Н	V	19.59	30.00	Fa55
					Н	17.61		
1745.00	20300	16QAM	20.0	- 1	V	19.54		
1745.00	20300	IOQAIVI	20.0	E1	Н	17.57		
				ГО	V	19.52		
				E2	Н	17.54		



20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																					
				Н	V	18.49																							
				П	Н	16.64																							
1745.00	1745.00 20300 QPSK	OBSK	20.0	E1	V	18.43																							
1743.00		20.0		Н	16.60																								
				E2	V	18.37																							
				EZ	Н	16.58	30.00	Bm) Result																					
				Н	V	19.52	30.00																						
															1											Н	17.56		
1745.00	20300	16QAM	20.0	E1	V	19.48																							
1745.00	20300	IOQAW	20.0		Н	17.53																							
				E2	V	19.44																							
			EZ	Н	17.47																								

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.55		
				П	Н	16.68		
1745.00	1745.00 20300 QPS	OBSK	20.0	E1	V	18.51		
1745.00		QFSK	20.0		Н	16.62		
				E2	V	18.45		
				L Z	Н	16.56	30.00	Pass
				Н	٧	19.51	30.00	
				П	Н	17.42		
1745.00	20300	16QAM	20.0	E1	V	19.48		
1745.00	20300	IOQAW	20.0		Н	17.37		
				E2	V	19.42		
				⊏ 2	Н	17.33		



20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																						
				Н	V	18.60																								
				- 11	Н	16.36	6.36 3.57 6.32 3.52 6.27 9.48 30.00 Pass																							
1745.00	1745.00 20300 QPSK	OBSK	20.0	E1	V	18.57																								
1745.00		QFSK	20.0		Н	16.32																								
				E2	V	18.52																								
				LZ	Н	16.27	30.00	Page																						
				H	V	19.48	30.00	F d 5 5																						
																											П	Н	17.34	
1745.00	20300	16QAM	20.0	E1	V	19.43																								
1745.00	20300	IOQAW	20.0		Н	17.31																								
				E2	V	19.42																								
				EZ	Н	17.27																								

20MHz(RB size 1 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result																						
				Н	V	18.34																								
				П	Н	16.53																								
1745.00	1745.00 20300 QPSK	OBSK	20.0	E1 V 18.31																										
1745.00		QFSK	20.0		E1 H 16.49																									
				E2	V	18.27																								
				LZ	Н	16.45	30.00	Pass																						
					٧	19.48	30.00																							
					ı																						Н	17.43		
1745.00	20300	16QAM	20.0	E1	V	19.46																								
1745.00	20300	IOQAW	20.0		Н	17.37																								
				Eo	V	19.41																								
				E2	Н	17.32																								



20MHz(RB size 100 & RB offset 0 for QPSK & RB size 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	18.49		
				П	Н	16.54		
1745.00	1745.00 20300 QPSK	OBSK	20.0	E1	V	18.47		
1745.00 20300	QFSK	20.0		Н	16.51			
				E2	٧	18.43		
				L Z	Н	16.48	30.00	Pass
				Н	V	19.39	30.00	Pa55
					Н	17.44		
1745.00	20300	16QAM	20.0	F4	V	19.32		
1745.00	20300	IOQAIVI	20.0	E1	Н	17.37		
				ΓO	V	19.28		
				E2	Н	17.35		



LTE band 7 part lowest channel

5MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result		
				Н	V	19.73				
				П	Н	6.91				
2502 50	2502.50 20775 QPSK	OBSK	5.0	E1 V 19.70						
2502.50 20775	QFSK	5.0	<u> </u>	Н	6.89		Result Pass			
				E2	V	19.68				
				ĽΖ	Н	6.87	00.00			
				T	V	18.76	33.00	Pass		
					"	Н	Н	6.21]	
2502.50	20775	4CO A M	5.0	F 4	V	18.74				
2502.50	20775	16QAM	5.0	E1	Н	6.19				
				Ε0	V	18.71				
				E2	Н	6.16				

5MHz(RB size 1 & RB offset 12)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result			
				Н	V	19.70					
				11	Н	6.81					
2502.50	20775	QPSK	5.0	5.0	5.0	5.0	E1	V	19.68		
2502.50	20113	QFSK		5.0 E1 H	Н	6.79					
				Εo	V	19.66					
				EZ	Н	6.77	22.00	Pass			
				ы	V	18.60	33.00				
					П	Н	6.11				
2502.50	20775	4CO A M	F 0	F4	V	18.58					
2502.50 20775	20775	16QAM	5.0	ET	Н	6.08					
				ГО	V	18.55					
			E2 — H — E1 — E2 —	Н	6.05						



5MHz(RB size 1 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result				
				П	V	19.67						
				MHz) EUT Pol. Pol. EIRP(dBm) (dBm) 5.0 H V 19.67 H 6.78 V 19.65 H 6.76 V 19.61 H 6.74 V 18.56 H 6.09 V 18.53								
2502.50	20775	QPSK	5.0	50	5.0	5 0	5.0	⊏1	V	19.65		
2502.50	20113	QFSK			Н	6.76						
				Εo	V	19.61						
				LZ	Н	6.74	22.00	Pass				
				П	V	18.56	33.00					
								П	Н	6.09		
2502.50	20775	4CO A M	F 0	F4	V	18.53						
2502.50	20775	16QAM	5.0	ET	Н	6.07						
				ГО	V	18.50						
				E2	Н	6.03						

5MHz(RB size 12 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result							
				Н	V	19.72									
				!!	Н	6.80									
2502.50	2502.50 20775 QPSK	OBSK	5.0	5.0	E1	V	19.70								
2302.30	20113	QFSK			5.0	3.0	0.0	5.0	5.0	J.0	E i	Н	6.78		
				E2	V	19.67									
				LZ	Н	6.75	22.00	Door							
				Н	V	18.57	33.00	Pass							
											!!	Н	6.11		
2502.50	20775	16QAM	5.0	E1	٧	18.55		Pass							
2502.50	20773	IOQAW	5.0		Н	6.08									
				E2	V	18.51									
				EZ	Н	6.06									



5MHz(RB size 12 & RB offset 6)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result					
				Ш	V	19.73							
				HZ) Pol. Pol. Pol. (dBm) H 19.73 H 6.79 V 19.72 H 6.77 E2 V 19.67 H 6.74 V 18.55 H 6.08 V 18.53 H 6.07 V 18.49									
2502.50	20775	QPSK	5.0	5.0	5.0	F 0	5.0	5.0	⊏1	V	19.72		
2502.50	20113	QFSK				Н	6.77						
				Eo	V	19.67							
				LZ	Н	6.74	22.00	Pass					
				ы	V	18.55	33.00						
							П	Н	6.08				
2502.50	20775	4CO A M	F 0	F4	V	18.53							
2502.50	20775	16QAM	5.0	ΕΊ	Н	6.07							
				FO	V	18.49							
				E2	Н	6.30							

5MHz(RB size 12 & RB offset 11)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.69		
				П	Н	6.80		
2502.50	2502.50 20775	QPSK	5.0	E1	V	19.67		
2502.50 2077	20773	QFSK	3.0		Н	6.77		
				E2	V	19.63		
				EZ	Н	6.72	00.00	D
				Н	V	18.53	33.00	Pass
				п	Н	6.11		
2502.50	20775	4CO A M	F 0	F4	V	18.51		
2502.50	20775	16QAM	5.0	E1	Н	6.07		
				F0	V	18.46		
				E2	Н	6.06		



5MHz(RB size 25 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result	
				Н	V	19.54			
				П	Н	6.61			
2502 50	2502.50 20775 QPSK	OBSK	F 0	5.0	⊏1	V	19.51		
2502.50		QFSK	5.0	E1	Н	6.58			
				E2	V	19.49			
				LZ	Н	6.56	22.00	Dana	
				Н	V	18.43	33.00	Pass	
				П	Н	6.01			
2502.50	20775	4CO A M	F 0	F4	V	18.38			
2502.50	20775	16QAM	5.0	E1	Н	5.99			
				FO	V	18.36			
				E2	Н	5.97			



Middle channel

5MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.78		
				П	Н	6.94		
2535.00	2535.00 21100 Q	QPSK	5.0	E1	٧	19.75		
2555.00 21100	QFSK	5.0		Н	6.93		Result Pass	
				E2	٧	19.71		
				LZ	Н	6.92	22.00	Dana
				Н	V	18.71	33.00	Pass
				П	Н	6.21		
2525.00	04400	4CO A M	F 0	F4	V	18.68		
2535.00	21100	16QAM	5.0	E1	Н	6.19		
				FO	V	18.65		
				E2	Н	6.17		

5MHz(RB size 1 & RB offset 12)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.76		
				П	Н	6.91		
2535.00	2535.00 21100 QPSK	OBSK	5.0	E1 V 19.74				
2333.00		QF SIX	3.0		Н	6.87		
				E2	V	19.72		
				EZ	Н	6.86	22.00	Desa
				Н	V	18.69	33.00	Pass
				Į Į	Η	6.18		
2525.00	21100	16QAM	5.0	E1	V	18.67		
2535.00	21100	IOQAW	5.0		Н	6.16		
				E2	V	18.64		
				EZ	Н	6.13		



5MHz(RB size 1 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result	
				Н	V	19.74			
				П	Н	6.87			
2535.00	2535.00 21100 QPSK	OBSK	5.0	E1 V 19.71					
2333.00		QFSK	3.0		Н	6.86			
				E2	V	19.68			
				LZ	Н	6.83	22.00	Dana	
				Н	٧	18.68	33.00	Pass	
				П		Н	6.17		
2525.00	21100	16QAM	5.0	E 4	V	18.66			
2535.00 2	21100	IOQAW	5.0	E1	Н	6.15			
				E2	V	18.64			
				ĽΖ	Н	6.11			

5MHz(RB size 12 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.73		
				П	Н	6.85		
2535.00	2535.00 21100 QPSK	OBSK	5.0	E1	V	19.71		
2333.00		3.0	E i	Н	6.83			
				E2	V	19.68		
				LZ	Н	6.80	22.00	Result Pass
				Н	V	18.66	33.00	Pass
				!!	Н	6.15		
2525.00	21100	16QAM	5.0	E1	V	18.63		
2535.00	21100	IOQAW	5.0		Н	6.12		
				E2	V	18.61		
				EZ	Н	6.09		



5MHz(RB size 12 & RB offset 6)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.69		
				П	Н	6.84		
2535.00	2535.00 21100 QPSK	OBSK	5.0	E1	V	19.67		
2535.00 21100 QF	QFSK	5.0		Н	6.81			
				E2	V	19.64		
				LZ	Н	6.68	22.00	Dana
				Н	V	18.64	33.00	Pass
				П	Н	6.12		
2525.00	04400	4CO A M	F 0	F4	V	18.61		
2535.00	21100	16QAM	5.0	E1	Н	6.08		
				FO	V	18.57		
				E2	Н	6.06		

5MHz(RB size 12 & RB offset 11)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.67		
				П	Н	6.79		
2535.00	2535.00 21100 QPSK	OBSK	5.0	E1	V	19.66		
2333.00		3.0		Н	6.77			
				E2	٧	19.61		
				LZ	Н	6.72	22.00	Pass
				Н	V	18.59	33.00	Pass
				Į Į	Н	6.08		
2525.00	21100	16QAM	5.0	E1	V	18.53		
2535.00	21100	IOQAW	5.0	E1	Н	6.06		
				E2	V	18.48		
				EZ	Н	6.04		



5MHz(RB size 25 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.56		
				П	Н	6.63		
2535.00	2535.00 20775 QPSK	OBSK	5.0	⊑ 1	V 19.53			
2555.00		QFSK	5.0	E1	Н	6.61		
				E2	٧	19.50		
				EZ.	Н	6.58	22.00	Dana
				Н	V	18.45	33.00	Pass
				П	Н	6.03		
2525.00	20775	40001	F 0	F4	V	18.43		
2535.00	20775	16QAM	5.0	E1	Н	6.01		
				ГО	V	18.39		
				E2	Н	6.00		



Highest channel

5MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.75		
				П	Н	6.91		
2567 50	2567.50 21425	QPSK	5.0	E1	٧	19.72		
2307.30 21423	QFSK	5.0		Н	6.87			
				E2	٧	19.68		
				LZ	Н	6.85	22.00	Dana
				Н	V	18.67	33.00	Pass
				П	Н	6.19		
2507.50	04.405	4CO A M	F 0	F4	V	18.64		
2567.50	21425	16QAM	5.0	E1	Н	6.16		
				FO	V	18.61		
				E2	Н	6.12		

5MHz(RB size 1 & RB offset 12)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result					
				Н	V	19.74							
				П	Н	6.86							
2567.50	57.50 21425 QPSK	OBSK	5.0	5.0	E1	V	19.69						
2307.30	21425	QFSK	5.0	<u> </u>	Н	6.84							
				E2	V	19.65							
				EZ	Н	6.81	22.00	Dana					
				Н	V	18.64	33.00	Pass					
									П	Н	6.17		
2567.50	21425	16QAM	5.0	F4	V	18.61		Result Pass					
2567.50	21425	IOQAW	5.0	E1	Н	6.13							
				E2	V	18.57							
				EΖ	Н	6.09		Pass					



5MHz(RB size 1 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.81		
				П	Н	6.96		
2567 50	2567.50 21425 QPSK	OBSK	5.0	E1	V	19.78		
2307.30 21423	QFSK	5.0		Н	6.93		n) Result	
				E2	V	19.76		
				LZ	Н	6.89	22.00	Dana
				Н	V	18.77	33.00	Pass
				П	Н	6.22		
2507.50	04.405	4CO A M	5 0	F4	V	18.74		
2567.50	21425	16QAM	5.0	E1	Н	6.19		
				FO	V	18.70		
				E2	Н	6.17		

5MHz(RB size 12 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.71		
				П	Н	6.83		
2567.50	21425	QPSK	5.0	E1	V	19.68		
2307.30	707.00 Z1420 Q1 OIC	QFSK	5.0	<u> </u>	Н	6.80		
				E2	V	19.64		
				EZ.	Н	6.77	22.00	Dana
				Н	٧	18.63	33.00	Pass
				П	Н	6.11		
2567.50	21425	16QAM	5.0	F4	V	18.60		
2567.50	21425	IOQAW	5.0	E1	Н	6.07		
				E2	V	18.56		
				EZ	Н	6.04		



5MHz(RB size 12 & RB offset 6)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.70		
				П	Н	6.76		
2567 50	2567.50 21425 QPS	QPSK	5.0	⊏1	٧	19.68		
2307.30		QFSK	3.0		E1 H 6.75			
				E2	V	19.64		
				LZ	Н	6.71	22.00	Dana
				Н	٧	18.62	33.00	Pass
				П	Н	6.14		
2567.50	04.405	160 AM	F 0	F4	V	18.56		
2567.50	21425	16QAM	5.0	E1	Н	6.11		
				FΩ	V	18.53		
				E2	Н	6.08		

5MHz(RB size 12 & RB offset 11)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.72		
				П	Н	6.84		
2567.50	21425	QPSK	5.0	E1	V	19.67		
2307.30	77.00 21720 Q1 010	QFSK	3.0	E i	Н	6.80		
				E2	V	19.60		
				LZ	Н	6.76	22.00	Desa
				Н	V	18.62	33.00	Pass
				!!	Н	6.14		
2567.50	21425	16QAM	5.0	E1	V	18.58		
2567.50	21423	IOQAW	5.0		Н	6.09		
				E2	V	18.53		
				EΖ	Н	5.98		



5MHz(RB size 25 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	19.58		
				П	Н	6.64		
2567.50	2567.50 21425 QPSK	OBSK	5.0	E1	V	19.52		Pass
2507.50		QFSK	5.0	<u> </u>	E1 H 6.60			
				E2	V	19.48		
				EZ	Н	6.52	00.00	D
				Н	V	18.47	33.00	Pass
				П	Н	6.07		
2567.50	04.405	160AM	F 0	F4	V	18.42		
2567.50	21425	16QAM	5.0	E1	Н	5.89		
				ГО	V	18.37		
				E2	Н	5.84		



Lowest channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.97		
				П	Н	5.53		
2510.00	2510.00 20850	QPSK	20.0	E1	V	16.95		
2510.00 20050	QFSK	20.0	<u> </u>	Н	5.51			
				E2	V	16.91		
				E 2	Н	5.48	33.00	Pass
				Н	V	17.31	33.00	Fa55
				П	Н	5.82		
2510.00	20850	16QAM	20.0	E1	V	17.27		
2510.00	20000	IOQAW	20.0	E1	Н	5.80		
				E2	V	17.24		
				EΖ	Н	5.77		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.96		
				П	Н	5.51		
2510.00	2510.00 20850 QPSK	OBSK	20.0	E1	V	16.94		
2510.00		QFSK	20.0		Н	5.49		
				E2	٧	16.92		
				LZ	Н	5.44	33.00	Pass
				Н	٧	17.27	33.00	Fa55
				П	Н	5.78		
2510.00	20850	16QAM	20.0	- 1	V	17.25		
2510.00	20000	IOQAW	20.0	E1	Н	5.74		
				E2	V	17.21		
				EZ	Н	5.70		



20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.99		
				П	Н	5.52		
2510.00	2510.00 20850	QPSK	20.0	E1	V	16.97		
2310.00 20030	QFSK	20.0	<u> </u>	Н	5.51			
				E2	V	16.95		
				LZ	Н	5.48	33.00	Pass
				Н	٧	17.32	33.00	F 455
				П	Н	5.81		
2510.00	20850	16QAM	20.0	E1	V	17.31		
2510.00	20000	IOQAW	20.0	E1	Н	5.77		
				Ea	V	17.28		
				E2	Н	5.74		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.94		
				П	Н	5.46		
2510.00	2510.00 20850 QPSK	OBSK	20.0	E1	V	19.90		
2310.00		QFSK	20.0	E1	Н	5.42		
				E2	V	19.87		
				EZ	Н	5.38	33.00	Pass
				Н	٧	17.28	33.00	Fa55
				П	Н	5.78		
2510.00	20850	16QAM	20.0	L 1	V	17.25		
2510.00	20000	IOQAW	20.0	E1	Н	5.74		
				E2	V	17.21		
				EZ	Н	5.72		



20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.91		
				П	Н	5.42		
2510.00	2510.00 20850	QPSK	20.0	E1	V	16.87		
2510.00 20050	20050	QFSK	20.0	<u> </u>	Н	5.38		
				E2	V	16.84		
				LZ	Н	5.34	33.00	Pass
				Н	V	17.25	33.00	F a 5 5
				П	Н	5.76		
2510.00	20850	16QAM	20.0	E1	V	17.21		
2510.00	20000	IOQAW	20.0		Н	5.72		
				E2	V	17.19		
				EZ	Н	5.68		

20MHz(RB size 50 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.87		
				!!	Н	5.28		
2510.00	2510.00 20850 QPSK	OBSK	20.0	E1	V	16.85		
2310.00		20.0		Н	5.24			
				E2	V	16.83		
				EZ.	Н	5.21	33.00	Pass
				Н	٧	17.16	33.00	Fa55
				П	Н	5.61		
2510.00	20850	16QAM	20.0	- 1	V	17.14		
2510.00	20000	IOQAW	20.0	E1	Н	5.58		
				Eo	V	17.10		
				E2	Н	5.56		



20MHz(RB size 100 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.59		
				П	Н	5.14		
2510.00 20	20850	QPSK	20.0	E1	V	16.57		
	20000	QFSK	20.0	E1	Н	5.10		
				ГЭ	V	16.53		
				E2	Н	5.07	22.00	Door
				Н	V	16.96	33.00	Pass
				П	Н	5.24		
2510.00	20050	160 AM	20.0	F4	V	16.92		
2510.00	20850	16QAM	20.0	E1	Н	5.22		
				ГО	V	16.89		
				E2	Н	5.18		



Middle channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.94		
				П	Н	5.48		
2535.00	535.00 21100 QPSK	OBSK	20.0	E1	V	16.91		
2555.00		QFSK	20.0	<u> </u>	Н	5.46		
				E2	V	16.87		
				LZ	Н	5.42	33.00	Pass
				Н	V	17.28	33.00	F 455
				П	Н	5.77		
2535.00	21100	16QAM	20.0	E1	V	17.24		
2555.00	21100	IOQAW	20.0		Н	5.76		
				E2	V	17.21		
				EZ	Н	5.73		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.93		
				П	Н	5.49		
2535.00 21100	QPSK	20.0	E1	٧	16.90			
	QFSK	20.0	E1	Н	5.47			
				E2	V	16.86		
				LZ	Н	5.41	33.00	Pass
				Н	V	17.24	33.00	F 455
				П	Н	5.75		
2525.00	21100	16QAM	20.0	E1	V	17.21		
2535.00	21100	IOQAW	20.0		Н	5.73		
				E2	V	17.19		
				EZ	Н	5.70		



20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.97		
				П	Н	5.51		
2535.00 21100	QPSK	20.0	E1	V	16.95			
	QFSK	20.0	ΕI	Н	5.48			
				E2	V	16.91		
				EZ.	Н	5.43	33.00	Pass
				Н	٧	17.29	33.00	F 455
				П	Н	5.77		
2525.00	21100	16QAM	20.0	E1	V	17.26		
2535.00	21100	IOQAW	20.0	<u> </u>	Н	5.74		
				E2	V	17.22		
				EZ	Н	5.70		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.89		
				!!	Н	5.47		
2535.00 21100	QPSK	20.0	E1	V	16.87			
	QFSK	20.0		Н	5.46			
				E2	V	16.81		
				EZ.	Н	5.42	33.00	Pass
				Н	٧	17.26	33.00	Fa55
				П	Н	5.79		
2525.00	21100	16QAM	20.0	- 1	V	17.21		
2535.00	21100	IOQAW	20.0	E1	Н	5.75		
				E2	V	17.18		
				EZ	Н	5.71		



20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.83		
				П	Н	5.38		
2535.00 21100	21100	QPSK	20.0	E1	V	16.81		
	21100	QFSK	20.0	<u> </u>	Н	5.36		
				E2	V	16.79		
				LZ	Н	5.31	33.00	Pass
				Н	V	17.21	33.00	F a 5 5
				П	Н	5.74		
2525.00	21100	16QAM	20.0	E1	V	17.18		
2535.00	21100	IOQAW	20.0	E1	Н	5.71		
				E2	V	17.14		
				EZ	Н	5.66		

20MHz(RB size 50 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.85		
				!!	Н	5.26		
2535.00 21100	QPSK	20.0	E1	V	16.83			
	QFSK	20.0	<u> </u>	Н	5.24			
				E2	V	16.80		
				EZ	Н	5.22	33.00	Pass
				Н	٧	17.15	33.00	Fa55
				П	Н	5.59		
2525.00	21100	16QAM	20.0	L 1	V	17.13		
2535.00	21100	IOQAW	20.0	E1	Н	5.57		
				Eo	V	17.08		
				E2	Н	5.53		



20MHz(RB size 100 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.55		
				П	Н	5.11		
2535.00 211	21100	QPSK	20.0	E1	V	16.53		
	21100	QFSK	20.0		Н	5.09		
				E2	V	16.50		
				EZ	Н	5.07	33.00	Pass
				Н	V	16.92	33.00	Pass
				П	Н	5.21		
2525.00	21100	16QAM	20.0	F4	V	16.87		
2535.00	21100	IOQAW	20.0	E1	Н	5.18		
				Γĵ	V	16.84		
				E2	Н	5.16		



Highest channel

20MHz(RB size 1 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.90		
				П	Н	5.41		
2560.00 21350	21350	QPSK	20.0	E1	V	16.85		
	21330	QFSK	20.0	<u> </u>	Н	5.36		
				E2	V	18.81		
				LZ	Н	5.32	33.00	Pass
				Н	٧	17.23	33.00	F a 5 5
				П	Н	5.74		
2560.00	21350	16QAM	20.0	E1	V	17.20		
2560.00	21330	IOQAW	20.0		Н	5.72		
				E2	V	17.17		
				EΖ	Н	5.66		

20MHz(RB size 1 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.87		
				П	Н	5.43		
2560.00 21350	QPSK	20.0	E1	V	16.85			
	QFSK	20.0		Н	5.40			
				E2	٧	16.77		
				LZ	Н	5.38	33.00	Pass
				Н	٧	17.21	33.00	Fa55
				П	Н	5.72		
2560.00	21350	16QAM	20.0	E1	V	17.18		
2560.00	21330	IOQAW	20.0		Н	5.69		
				E2	V	17.16		
				EZ	Н	5.67		



20MHz(RB size 1 & RB offset 99)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	17.02		
				11	Н	5.54		
2560.00 21350	21350	QPSK	20.0	E1	V	16.96		
	21330	QFSK	20.0		Н	5.51		
				E2	V	16.91		
				L2	Н	5.48	33.00	Pass
				Н	V	17.34	33.00	rass
				!!	Н	5.83		
2560.00	21350	16QAM	20.0	E1	V	17.30		
2560.00	21330	IOQAW	20.0		Н	5.81		
				E2	V	17.26		
				EZ	Н	5.76		

20MHz(RB size 50 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.87		
				!!	Н	5.48		
2560.00 21350	QPSK	20.0	E1	V	16.86			
	QFSK	20.0		Н	5.45			
				E2	V	16.81		
				EZ.	Н	5.42	33.00	Pass
				Н	٧	17.21	33.00	Fa55
				П	Н	5.77		
2560.00	21350	16QAM	20.0	- 1	V	17.18		
2560.00	21330	IOQAW	20.0	E1	Н	5.74		
				E2	V	17.13		
				EZ	Н	5.71		



20MHz(RB size 50 & RB offset 24)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.81		
				П	Н	5.39		
2560.00 21350	QPSK	20.0	E1	V	16.77			
	21330	QFSK	20.0		Н	5.37		
				E2	V	16.76		
				LZ	Н	5.34	33.00	Pass
				Н	٧	17.18	33.00	F a 3 3
				!!	Н	5.71		
2560.00	21350	16QAM	20.0	E1	V	17.16		
2560.00	21350	IOQAW	20.0		Н	5.66		
				E2	V	17.13		
				EZ	Н	5.62		

20MHz(RB size 50 & RB offset 49)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
				Н	V	16.89		
				!!	Н	5.31		
2560.00 21350	QPSK	20.0	E1	V	16.82			
	QFSK	20.0		Н	5.27			
				E2	V	16.78		
				EZ.	Н	5.21	33.00	Pass
				Н	٧	17.18	33.00	Fa55
				П	Н	5.64		
2560.00	21350	16QAM	20.0	E 4	V	17.12		
2560.00	21330	IOQAW	20.0	E1	Н	5.25		
				Ea	V	17.07		
				E2	Н	5.16		



20MHz(RB size 100 & RB offset 0)

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
2560.00	21350	QPSK	20.0	Н	V	16.62	33.00	Pass
					Н	5.16		
				E1	V	16.57		
					Н	5.11		
				E2	V	16.48		
					Н	5.07		
2560.00	21350	16QAM	20.0	Н	V	16.97		
					Н	5.27		
				E1	V	16.94		
					Н	5.22		
				E2	V	16.87		
					Н	5.13		



6.10 Field strength of spurious radiation measurement

Test Requirement:	FCC part 27.53(h) and FCC part 27.53(m)				
Test Method:	FCC part 2.1053				
Limit:	LTE Band 4: -13dBm and LTE Band 7: -25dBm				
Test setup:	Below 1GHz				
	Antenna Tower Search Antenna RF Test Receiver Ground Plane Above 1GHz				
	Above Toriz				
	Antenna Tower Ham Antenna Spectrum Amilyser Table Amglifier				
	Substituted method:				
	Ground plane d: distance in meters d:3 meter I-4 meter SpA Substituted Dipole or Horn Antenna Bi-Log Antenna or Horn Antenna				
Test Procedure:	 The EUT was placed on an non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. 				
	3. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission				



	was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) – Cable Loss (dB)
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data (worst case)

Below 1GHz:

The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

Above 1GHz



LTE band 4 part:

•	1.4MHz(RB	size 1 & RB offset 5) for QPSK		
Test mode:	•	z QPSK	Test channel:	Lowest	
Fraguenov (MHz)	Spurious	Emission	Limit (dPm)	Doordt	
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
3421.40	Vertical	-47.65			
5132.10	V	-44.65	-13	Pass	
3421.40	Horizontal	-47.25	-13	Pass	
5132.10	Н	-44.98			
	1.4MHz(RB	size 1 & RB offset 0) for QPSK		
Test mode:	1.4MH	z QPSK	Test channel:	Middle	
	Spurious	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
3465.00	Vertical	-46.68			
5197.50	V	-43.69	-13	Pass	
3465.00	Horizontal	-46.69	-13	Fd55	
5197.50	Н	-43.60			
<u> </u>	1.4MHz(RB	size 1 & RB offset 5) for QPSK		
Test mode:	1.4MH	z QPSK	Test channel:	Highest	
	Spurious	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
3508.60	Vertical	-45.98			
5262.90	V	-42.65	7	Door	
3508.60	Horizontal	45.95	-13	Pass	
5262.90	Н	-42.87	1		



	1.4MHz(RB	size 1 & RB offset 5)	for 16QAM	
Test mode:	1.4MH	z 16QAM	Test channel:	Lowest
	Spurious	s Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3421.40	Vertical	-47.59		
5132.10	V	-44.65	-13	Pass
3421.40	Horizontal	-47.85	-13	Pass
5132.10	Н	-44.65		
	1.4MHz(RB	size 1 & RB offset 0)	for 16QAM	
Test mode:	1.4MH	z 16QAM	Test channel:	Middle
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.52		
5197.50	V	-43.57	-13	Pass
3465.00	Horizontal	-46.85	-13	Pass
5197.50	Н	-43.92		
	1.4MHz(RB	size 1 & RB offset 5)	for 16QAM	
Test mode:	1.4MH	z 16QAM	Test channel:	Highest
	Spurious	s Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3508.60	Vertical	-45.68		
5262.90	V	-42.14	12	Door
3508.60	Horizontal	-45.96	- - -	Pass
	Н	-42.77		



	1.4MHz(RB	size 3 & RB offset 2) for QPSK	
Test mode:	1.4MH	Iz QPSK	Test channel:	Lowest
Fraguency (MHz)	Spurious	s Emission	Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3421.40	Vertical	-47.52		
5132.10	V	-44.52	10	Door
3421.40	Horizontal	-47.58	-13	Pass
5132.10	Н	-44.69		
	1.4MHz(RB	size 3 & RB offset 0) for QPSK	
Test mode:	1.4MH	Iz QPSK	Test channel:	Middle
Fragueray (MIII-)	Spurious Emission		Limeit (alDine)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.65		
5197.50	V	-43.14	10	Dage
3465.00	Horizontal	-46.85	-13	Pass
5197.50	Н	-43.95		
	1.4MHz(RB	size 3 & RB offset 2) for QPSK	
Test mode:	1.4MH	Iz QPSK	Test channel:	Highest
Fraguency (MHz)	Spurious	s Emission	Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3508.60	Vertical	-45.25		
5262.90	V	-42.52	12	Door
3508.60	Horizontal	-45.78	-13	Pass
5262.90	Н	-42.70	1	



	1.4MHz(RB	size 3 & RB offset 2)	for 16QAM	
Test mode:	1.4MHz 16QAM		Test channel:	Lowest
Fragues av. (MIII-)	Spurious Emission		Lineit (dDne)	5 "
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3421.40	Vertical	-47.52		
5132.10	V	-44.85	40	Dana
3421.40	Horizontal	-47.58	-13	Pass
5132.10	Н	-44.52		
	1.4MHz(RB	size 3 & RB offset 0)	for 16QAM	
Test mode:	1.4MH	z 16QAM	Test channel:	Middle
[Spurious Emission		Lineit (dDne)	Decult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.85		
5197.50	V	-43.25	10	Door
3465.00	Horizontal	-46.82	-13	Pass
5197.50	Н	-43.58		
	1.4MHz(RB	size 3 & RB offset 2)	for 16QAM	
Test mode:	1.4MH	z 16QAM	Test channel:	Highest
Fraguesia (MIII-)	Spurious	s Emission	Lineit (alDuss)	Doordt
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3508.60	Vertical	-45.68		
5262.90	V	-42.14	10	Door
3508.60	Horizontal	-45.96	-13	Pass
5262.90	Н	-42.77		



	1.4MHz(RB	size 6 & RB offset 0) for QPSK	
Test mode:	1.4MF	Iz QPSK	Test channel:	Lowest
Fraguesa (MIII-)	Spuriou	s Emission	Limeit (alDure)	Desuit
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3421.40	Vertical	-47.52		
5132.10	V	-44.58	10	Door
3421.40	Horizontal	-47.25	-13	Pass
5132.10	Н	-44.85		
	1.4MHz(RB	size 6 & RB offset 0) for QPSK	
Test mode:	1.4MF	Iz QPSK	Test channel:	Middle
F (MIL)	Spurious Emission		Linnit (dDnn)	Descrit
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.58		
5197.50	V	-43.25	10	Dage
3465.00	Horizontal	-46.82	-13	Pass
5197.50	Н	-43.86		
_	1.4MHz(RB	size 6 & RB offset 0) for QPSK	
Test mode:	1.4MF	Iz QPSK	Test channel:	Highest
[Spurious	s Emission	Lineit (dDas)	Desuit
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3508.60	Vertical	-45.85		
5262.90	V	-42.15	10	Dava
3508.60	Horizontal	-45.62	-13	Pass
5262.90	Н	-42.49	1	



	1.4MHz(RB	size 6 & RB offset 0)	for 16QAM	
Test mode:	1.4MHz 16QAM		Test channel:	Lowest
Frequency (MHz)	Spurious	s Emission	Limit (dBm)	Result
Frequency (MHZ)	Polarization	Level (dBm)	Limit (dbm)	Result
3421.40	Vertical	-47.52		
5132.10	V	-44.52	-13	Pass
3421.40	Horizontal	-47.56	-13	Pass
5132.10	Н	-44.89		
	1.4MHz(RB	size 6 & RB offset 0)	for 16QAM	
Test mode:	1.4MH	z 16QAM	Test channel:	Middle
F(N411-)	Spurious Emission		Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.13		
5197.50	V	-43.25	40	Door
3465.00	Horizontal	-46.80	-13	Pass
5197.50	Н	-43.28		l
	1.4MHz(RB	size 6 & RB offset 0)	for 16QAM	
Test mode:	1.4MH	z 16QAM	Test channel:	Highest
Fraguency (MH=)	Spurious	s Emission	Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3508.60	Vertical	-45.83		
5262.90	V	-42.58	42	Door
3508.60	Horizontal	-45.29	-13	Pass
5262.90	Н	-42.85		



	3MHz(RB s	size 1 & RB offset 7)	for QPSK	
Test mode:	3MHz	QPSK	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3423.00	Vertical	-47.65		
5134.50	V	-44.28	-13	Pass
3423.00	Horizontal	-47.15	-13	Pass
5134.50	Н	-44.85		
	3MHz(RB s	size 1 & RB offset 0)	for QPSK	
Test mode:	3MHz	QPSK	Test channel:	Middle
	Spurious	s Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.58		
5197.50	V	-43.85	-13	Pass
3465.00	Horizontal	-46.82	-13	Pass
5197.50	Н	-43.19		
	3MHz(RB s	ize 1 & RB offset 14)	for QPSK	
Test mode:	3MHz	QPSK	Test channel:	Highest
	Spurious	s Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3507.00	Vertical	-45.58		
5260.50	V	-42.55	10	D
3507.00	Horizontal	-45.65	-13	Pass
5260.50	Н	-42.59	1	



	3MHz(RB size	e 1 & RB offset 7) fo	or 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3423.00	Vertical	-47.52		
5134.50	V	-44.18	10	Door
3423.00	Horizontal	-47.95	-13	Pass
5134.50	Н	-44.95		
	3MHz(RB size	e 1 & RB offset 0) fo	or 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Middle
	Spurious I	mission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.86		
5197.50	V	-43.56	-13	Pass
3465.00	Horizontal	-46.82	-13	Pass
5197.50	Н	-43.87		
	3MHz(RB size	1 & RB offset 14) f	or 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Highest
	Spurious I	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3507.00	Vertical	-45.55		
5260.50	V	-42.98	10	Door
3507.00	Horizontal	-45.52	-13	Pass
5260.50	Н	-42.89		



	3MHz(RB si	ze 8 & RB offset 7) fo	or QPSK	
Test mode:	3MHz	QPSK	Test channel:	Lowest
Fraguerov (MHz)	Spurious	Spurious Emission		Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3423.00	Vertical	-47.58		
5134.50	V	-44.65	12	Daga
3423.00	Horizontal	-47.55	-13	Pass
5134.50	Н	-44.58	7	
	3MHz(RB si	ze 8 & RB offset 0) fo	or QPSK	
Test mode:	3MHz	QPSK	Test channel:	Middle
Fragueray (MIII-)	Spurious Emission		Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.82		
5197.50	V	-43.58	-13	Pass
3465.00	Horizontal	-46.85	-13	Pass
5197.50	Н	-43.98	7	
	3MHz(RB si	ze 8 & RB offset 7) fo	or QPSK	
Test mode:	3MHz	QPSK	Test channel:	Highest
Frequency (MHz)	Spurious	Emission	Limit (dDm)	Result
Frequency (IVITZ)	Polarization	Level (dBm)	Limit (dBm)	Result
3507.00	Vertical	-45.88		
5260.50	V	-42.82	12	Poor
3507.00	Horizontal	-46.25	-13	Pass
5260.50	Н	-43.58		



	3MHz(RB siz	e 8 & RB offset 7) fo	r 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Lowest
Fragues av (MHz)	Spurious Emission		Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3423.00	Vertical	-46.65		
5134.50	V	-45.50	-13	Dese
3423.00	Horizontal	-47.54	-13	Pass
5134.50	Н	-45.82		
•	3MHz(RB siz	e 8 & RB offset 0) fo	r 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Middle
- 441	Spurious Emission		Lineit (alDine)	Decult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.85		
5197.50	V	-44.25	10	Door
3465.00	Horizontal	-47.54	-13	Pass
5197.50	Н	-43.98		
•	3MHz(RB siz	e 8 & RB offset 7) fo	r 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Highest
Fragues and (MIII-)	Spurious	Emission	Lineit (dDne)	Doordt
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3507.00	Vertical	-46.65		
5260.50	V	-43.25	12	Door
3507.00	Horizontal	-45.58	-13	Pass
5260.50	Н	-42.65		



	3MHz(RB siz	ze 15 & RB offset 0) fo	or QPSK	
Test mode:	3MHz	QPSK	Test channel:	Lowest
Fraguency (MUz)	Spurious	Emission	Limit (dPm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3423.00	Vertical	-48.52		
5134.50	V	-45.62	-13	Door
3423.00	Horizontal	-47.65	-13	Pass
5134.50	Н	-44.88		
	3MHz(RB siz	ze 15 & RB offset 0) fo	r QPSK	
Test mode:	3MHz	QPSK	Test channel:	Middle
F (MIL)	Spurious Emission		Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.55		Pass
5197.50	V	-43.20	-13	
3465.00	Horizontal	-47.52	-13	
5197.50	Н	-43.86		
	3MHz(RB siz	e 15 & RB offset 0) fo	r QPSK	
Test mode:	3MHz	QPSK	Test channel:	Highest
Fraguency (MHz)	Spurious	Emission	Limit (dDm)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3507.00	Vertical	-46.98		
5260.50	V	-42.35	-13	_
3507.00	Horizontal	-46.58		Pass
5260.50	Н	-43.65		



	3MHz(RB size	e 15 & RB offset 0) f	or 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Lowest
Fragues ov (MHz)	Spurious	Emission	Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3423.00	Vertical	-46.82		
5134.50	V	-45.75	42	Dese
3423.00	Horizontal	-48.52	-13	Pass
5134.50	Н	-44.52		
	3MHz(RB size	e 15 & RB offset 0) f	or 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Middle
	Spurious Emission		Lineit (dDns)	Decult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.52		
5197.50	V	-44.63	-13	Pass
3465.00	Horizontal	-46.65	-13	Pass
5197.50	Н	-44.25		
	3MHz(RB size	e 15 & RB offset 0) f	or 16QAM	
Test mode:	3MHz 1	6QAM	Test channel:	Highest
Fragues av (MH=)	Spurious	Emission	Limit (dDm)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3507.00	Vertical	-46.54		
5260.50	V	-44.52	7	Door
3507.00	Horizontal	-46.32	-13	Pass
5260.50	Н	-42.65	7	



	3141112(17D 312	e 1 & RB offset 24)	ioi wi oit	
Test mode:	5MHz (QPSK	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3425.00	Vertical	-47.20		
5137.50	V	-45.25	10	Dese
3425.00	Horizontal	-47.21	-13	Pass
5137.50	Н	-44.65	7	
•	5MHz(RB siz	e 1 & RB offset 0) f	or QPSK	
Test mode:	5MHz (QPSK	Test channel:	Middle
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.52		
5197.50	V	-42.54	40	Dese
3465.00	Horizontal	-46.20	-13	Pass
5197.50	Н	-44.00	7	
•	5MHz(RB size	e 1 & RB offset 24)	for QPSK	
Test mode:	5MHz (QPSK	Test channel:	Highest
	Spurious I	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3505.00	Vertical	-45.82		
5257.50	V	-43.25	-13	Dana
3505.00	Horizontal	-46.28		Pass
5257.50	Н	-42.98		



	5MHz(RB size	e 1 & RB offset 24) fo	or 16QAM	
Test mode:	5MHz 1	6QAM	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3425.00	Vertical	-47.52		
5137.50	V	-43.25	40	Door
3425.00	Horizontal	-46.65	-13	Pass
5137.50	Н	-44.52		
	5MHz(RB siz	e 1 & RB offset 0) fo	r 16QAM	
Test mode:	5MHz 1	6QAM	Test channel:	Middle
	Spurious	Emission		Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	
3465.00	Vertical	-46.82		
5197.50	V	-44.52	-13	Pass
3465.00	Horizontal	-47.85	-13	Pass
5197.50	Н	-43.91		
	5MHz(RB size	e 1 & RB offset 24) fo	or 16QAM	
Test mode:	5MHz 1	6QAM	Test channel:	Highest
	Spurious	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3505.00	Vertical	-46.52		
5257.50	V	-43.58	-13	Dana
3505.00	Horizontal	-46.55		Pass
5257.50	Н	-43.14		



	5MHz(RB siz	e 12 & RB offset 11)	for QPSK	
Test mode:	5MHz QPSK		Test channel:	Lowest
Fraguerov (MHz)	Spurious Emission		Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3425.00	Vertical	-48.52		
5137.50	V	-46.20	40	Dese
3425.00	Horizontal	-47.12	-13	Pass
5137.50	Н	-43.65		
	5MHz(RB siz	ze 12 & RB offset 0) f	or QPSK	
Test mode:	5MHz	QPSK	Test channel:	Middle
Frague par (MIII-)	Spurious	Emission	Lineit (dDne)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	
3465.00	Vertical	-47.52		
5197.50	V	-44.65	40	Dana
3465.00	Horizontal	-45.65	-13	Pass
5197.50	Н	-41.54		
	5MHz(RB siz	e 12 & RB offset 11)	for QPSK	
Test mode:	5MHz	QPSK	Test channel:	Highest
Fraguency (MHz)	Spurious	Emission	Limit (dDm)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3505.00	Vertical	-46.65		
5257.50	V	-44.25	-13	Door
3505.00	Horizontal	-47.52		Pass
5257.50	Н	-43.39		



	5MHz(RB size	12 & RB offset 11) fo	or 16QAM	
Test mode:	5MHz	16QAM	Test channel:	Lowest
Fraguency (MH=)	Spurious	Emission	Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3425.00	Vertical	-47.35		
5137.50	V	-44.69	-13	Dana
3425.00	Horizontal	-46.82	-13	Pass
5137.50	Н	-44.69	7	
	5MHz(RB size	e 12 & RB offset 0) fo	r 16QAM	•
Test mode:	5MHz	16QAM	Test channel:	Middle
[Spurious Emission		Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.25		
5197.50	V	-43.54	-13	Pass
3465.00	Horizontal	-47.21	-13	Pass
5197.50	Н	-44.95		
	5MHz(RB size	12 & RB offset 11) fo	or 16QAM	
Test mode:	5MHz	16QAM	Test channel:	Highest
Fraguency (MHz)	Spurious	Emission	Limit (dPm)	Popult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3505.00	Vertical	-46.52		
5257.50	V	-44.52	-13	Pass
3505.00	Horizontal	-47.25		Pass
5257.50	Н	-44.88		



	5MHz(RB siz	e 25 & RB offset 0) fo	or QPSK	
Test mode:	5MHz	QPSK	Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
Frequency (MHZ)	Polarization	Level (dBm)	LIIIII (dbiii)	Result
3425.00	Vertical	-47.85		
5137.50	V	-44.54	- 13	Pass
3425.00	Horizontal	-47.52	-13	F 455
5137.50	Н	-42.84		
	5MHz(RB siz	e 25 & RB offset 0) fo	r QPSK	
Test mode:	5MHz	QPSK	Test channel:	Middle
Fraguera, (MIII-)	Spurious Emission		Limit (dPm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.52		Pass
5197.50	V	-43.68	- 13	
3465.00	Horizontal	-47.24	-13	
5197.50	Н	-44.25		
	5MHz(RB siz	e 25 & RB offset 0) fo	r QPSK	
Test mode:	5MHz	QPSK	Test channel:	Highest
Fraguenov (MHz)	Spurious	Emission	Limit (dPm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Resuit
3505.00	Vertical	-47.65		
5257.50	V	-44.25	- 13	Pass
3505.00	Horizontal	-46.35	-13	rass
5257.50	Н	-44.15		



	5MHz(RB size	e 25 & RB offset 0) for	16QAM	
Test mode:	5MHz	16QAM	Test channel:	Lowest
Frequency (MHz)	Spurious	Emission	Limit (dBm)	Dec. II
Frequency (MHZ)	Polarization	Level (dBm)	Limit (dbin)	Result
3425.00	Vertical	-47.51		
5137.50	V	-43.65	-13	Pass
3425.00	Horizontal	-46.82	-13	Pass
5137.50	Н	-44.68		
	5MHz(RB size	e 25 & RB offset 0) for	16QAM	
Test mode:	5MHz	16QAM	Test channel:	Middle
Fraguesia (MIII-)	Spurious Emission		Limit (dDm)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.65		Pass
5197.50	V	-44.62	-13	
3465.00	Horizontal	-47.39	-13	
5197.50	Н	-44.52		
	5MHz(RB size	e 25 & RB offset 0) for	16QAM	
Test mode:	5MHz	16QAM	Test channel:	Highest
Fraguenov (MHz)	Spurious	Emission	Limit (dPm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Resuit
3505.00	Vertical	-47.32		
5257.50	V	-44.62	1	Door
3505.00	Horizontal	-48.32	-13	Pass
5257.50	Н	-45.25]	



	10MHz(RB si	ze 1 & RB offset 49)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3430.00	Vertical	-47.85		
5145.00	V	-44.62	10	Dana
3430.00	Horizontal	-47.65	-13	Pass
5145.00	Н	-45.52		
	10MHz(RB s	ize 1 & RB offset 0)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Middle
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.85		
5197.50	V	-43.95	-13	Pass
3465.00	Horizontal	-46.92	-13	Pass
5197.50	Н	-43.59		
	10MHz(RB si	ze 1 & RB offset 49)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Highest
	Spurious	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3500.00	Vertical	-46.25		
5250.00	V	-43.65	10	D
3500.00	Horizontal	-45.71	-13	Pass
5250.00	Н	-42.35		



	10MHz(RB siz	ze 1 & RB offset 49) f	for 16QAM	
Test mode:	10MHz	16QAM	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3430.00	Vertical	-48.52		
5145.00	V	-43.65	-13	Daga
3430.00	Horizontal	-47.52	-13	Pass
5145.00	Н	-45.62		
	10MHz(RB si	ze 1 & RB offset 0) for	or 16QAM	
Test mode:	10MHz	16QAM	Test channel:	Middle
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.52		
5197.50	V	-44.62	-13	Pass
3465.00	Horizontal	-46.65	-13	Pass
5197.50	Н	-44.65		
	5MHz(RB siz	e 1 & RB offset 24) fo	or 16QAM	
Test mode:	10MHz	16QAM	Test channel:	Highest
	Spurious	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3500.00	Vertical	-46.25		
5250.00	V	-43.56	12	Dees
3500.00	Horizontal	-46.65	-13	Pass
5250.00	Н	-43.69		



	10MHz(RB siz	ze 25 & RB offset 24)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Lowest
Fraguency (MHz)	Spurious Emission		Limit (dDm)	D II
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3430.00	Vertical	-47.52		
5145.00	V	-43.65	-13	Pass
3430.00	Horizontal	-47.85	-13	Pass
5145.00	Н	-44.50		
	10MHz(RB si	ize 25 & RB offset 0)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Middle
F	Spurious	s Emission	Lineit (dDas)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.35		
5197.50	V	-45.69	40	Door
3465.00	Horizontal	-46.21	-13	Pass
5197.50	Н	-44.52		
	10MHz(RB siz	ze 25 & RB offset 24)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Highest
Fragues av. (MILI=)	Spurious	s Emission	Limit (dDm)	Doordt
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3500.00	Vertical	-47.52		
5250.00	V	-44.62	-13	Door
3500.00	Horizontal	-46.32		Pass
5250.00	Н	-43.54		



	10MHz(RB siz	e 25 & RB offset 24)	for 16QAM	
Test mode:	10MH:	z 16QAM	Test channel:	Lowest
Fraguency (MHz)	Spurious Emission		Limit (dDm)	D II
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3430.00	Vertical	-47.62		
5145.00	V	-44.25	-13	Dana
3430.00	Horizontal	-47.52	-13	Pass
5145.00	Н	-44.62		
	10MHz(RB si	ze 25 & RB offset 0) f	or 16QAM	
Test mode:	10MH	z 16QAM	Test channel:	Middle
Fragues av. (MILI=)	Spurious Emission		1: "(15.)	Daguit
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.52		
5197.50	V	-43.61	40	Door
3465.00	Horizontal	-46.58	-13	Pass
5197.50	Н	-43.54		
	5MHz(RB size	e 25 & RB offset 24) t	or 16QAM	
Test mode:	10MH:	z 16QAM	Test channel:	Highest
Eroguanov (MH=)	Spuriou	s Emission	Limit (dPm)	D !!
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3500.00	Vertical	-47.21		
5250.00	V	-43.65	12	Door
3500.00	Horizontal	-46.86	-13	Pass
5250.00	Н	-43.98	7	



	10MHz(RB s	ize 50 & RB offset 0)	for QPSK	
Test mode:	10MHz QPSK		Test channel:	Lowest
Fraguency (MUz)	Spurious Emission		Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3430.00	Vertical	-47.62		
5145.00	V	-42.55	-13	Pass
3430.00	Horizontal	-46.82	-13	Pass
5145.00	Н	-43.96		
	10MHz(RB s	ize 50 & RB offset 0)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Middle
Fraguency (MHz)	Spurious Emission		Limit (dPm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.95		Pass
5197.50	V	-44.25	-13	
3465.00	Horizontal	-46.25	-13	
5197.50	Н	-43.25		
	10MHz(RB s	ize 50 & RB offset 0)	for QPSK	
Test mode:	10MH	z QPSK	Test channel:	Highest
Fraguency (MHz)	Spurious	s Emission	Limit (dPm)	Popult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3500.00	Vertical	-47.43		
5250.00	V	-42.95	-13	Pass
3500.00	Horizontal	-46.35	-13	Pass
5250.00	Н	-42.68		



	10MHz(RB siz	ze 50 & RB offset 0) f	or 16QAM	
Test mode:	10MHz 16QAM		Test channel:	Lowest
Fraguerov (MHz)	Spurious Emission		Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3430.00	Vertical	-47.52		
5145.00	V	-43.25	40	Dese
3430.00	Horizontal	-47.65	-13	Pass
5145.00	Н	-43.60		
<u>.</u>	10MHz(RB siz	ze 50 & RB offset 0) f	or 16QAM	
Test mode:	10MHz	10MHz 16QAM		Middle
Fraguesia (MIII-)	Spurious Emission		Lineit (dDne)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.52		
5197.50	V	-43.90	40	Dese
3465.00	Horizontal	-46.28	-13	Pass
5197.50	Н	-43.29		
·	5MHz(RB siz	e 50 & RB offset 0) fo	or 16QAM	
Test mode:	10MHz	z 16QAM	Test channel:	Highest
Fraguanov (MU-1)	Spurious	s Emission	Limit (dPm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3500.00	Vertical	-46.32		
5250.00	V	-43.28	12	Door
3500.00	Horizontal	-46.24	-13	Pass
5250.00	Н	-43.95		



	10141112(1112 312	ze 1 & RB offset 37)	ioi di oit		
Test mode:	15MH	z QPSK	Test channel:	Lowest	
	Spurious Emission				
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
3435.00	Vertical	47.65			
5152.50	V	-43.25	-13	Daga	
3435.00	Horizontal	-46.68	-13	Pass	
5152.50	Н	-43.45			
	15MHz(RB si	ze 1 & RB offset 0) f	or QPSK		
Test mode:	15MH	z QPSK	Test channel:	Middle	
	Spurious	s Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
3465.00	Vertical	-46.25			
5197.50	V	-43.28	10	Door	
3465.00	Horizontal	-46.28	-13	Pass	
5197.50	Н	-43.65			
	15MHz(RB siz	ze 1 & RB offset 74)	for QPSK		
Test mode:	15MH	z QPSK	Test channel:	Highest	
	Spurious	s Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
3495.00	Vertical	-45.26			
5242.50	V	-42.95	10	Door	
3495.00	Horizontal	-45.25	-13	Pass	
5242.50	Н	-42.69			



	TOWINZ(RB SI	ze 1 & RB offset 37) for 16QAIVI	
Test mode:	15MHz 16QAM		Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3435.00	Vertical	-47.25		
5152.50	V	-44.56	- 13	Pass
3435.00	Horizontal	-47.25	-13	Pass
5152.50	Н	-44.53		
	15MHz(RB s	ize 1 & RB offset 0)	for 16QAM	
Test mode:	15MHz	16QAM	Test channel:	Middle
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.39		
5197.50	V	-43.56	-13	Pass
3465.00	Horizontal	-46.26	-13	Pass
5197.50	Н	-43.52		
	15MHz(RB si	ze 1 & RB offset 74) for 16QAM	
Test mode:	15MHz	16QAM	Test channel:	Highest
	Spurious	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3495.00	Vertical	-45.96		
5242.50	V	-42.69	-13	Door
3495.00	Horizontal	-45.50		Pass
5242.50	Н	-42.63		



	45MU=/DD o	ize 36 & RB offset 3	DE) for ODEK	
Took woode.	•		1	1
Test mode:		z QPSK	Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
1 requeries (Wir 12)	Polarization	Level (dBm)	Limit (dDin)	result
3435.00	Vertical	-46.65		
5152.50	V	-44.52	10	Dana
3435.00	Horizontal	-47.52	-13	Pass
5152.50	Н	-43.25	7	
	15MHz(RB s	size 36 & RB offset	0) for QPSK	
Test mode:	15MH	z QPSK	Test channel:	Middle
F (NALL.)	Spurious Emission		L''((JD)	Danult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.52		
5197.50	V	-44.25	10	D
3465.00	Horizontal	-47.52	-13	Pass
5197.50	Н	-43.69		
	15MHz(RB s	ize 36 & RB offset 3	35) for QPSK	
Test mode:	15MH	z QPSK	Test channel:	Highest
F (NALL)	Spurious	s Emission	Lind (JD v)	D !!
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3495.00	Vertical	-47.52		
5242.50	V	-43.62	1	D
3495.00	Horizontal	-46.25	-13	Pass
5242.50	Н	-43.25	1	



	15MHz(RB siz	ze 36 & RB offset 35	i) for 16QAM	
Test mode:	15MHz	: 16QAM	Test channel:	Lowest
Eroguopov (MHz)	Spurious Emission		Lineit (alDine)	Danult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3435.00	Vertical	-46.52		
5152.50	V	-43.25	40	Pass
3435.00	Horizontal	-46.84	-13	Pass
5152.50	Н	-43.25	1	
	15MHz(RB s	ze 36 & RB offset 0) for 16QAM	
Test mode:	15MHz	15MHz 16QAM		Middle
Fraguency (MHz)	Spurious Emission		Limit (dRm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.25		
5197.50	V	-43.52	-13	Pass
3465.00	Horizontal	-46.39	-13	PdSS
5197.50	Н	-43.14		
	15MHz(RB siz	ze 36 & RB offset 35	i) for 16QAM	
Test mode:	15MHz	: 16QAM	Test channel:	Highest
Fraguenov (MHz)	Spurious	Emission	Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3495.00	Vertical	-46.32		
5242.50	V	-43.28	13	Door
3495.00	Horizontal	-46.25		Pass
5242.50	Н	-43.17		



	15MHz(RB s	ize 75 & RB offset	0) for QPSK	
Test mode:	15MHz QPSK		Test channel:	Lowest
Fraguency (MHz)	Spurious	Spurious Emission		Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3435.00	Vertical	-46.32		
5152.50	V	-42.35	-13	Pass
3435.00	Horizontal	-46.25	-13	Pass
5152.50	Н	-42.60		
	15MHz(RB s	ize 75 & RB offset	0) for QPSK	
Test mode:	15MH:	15MHz QPSK		Middle
[70 011 02 011 (NALIE)	Spurious Emission		Limit (dDm)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.95		
5197.50	V	-43.25	10	Door
3465.00	Horizontal	-46.85	-13	Pass
5197.50	Н	-42.68	7	
	15MHz(RB s	ize 75 & RB offset	0) for QPSK	•
Test mode:	15MH:	z QPSK	Test channel:	Highest
	Spurious	Emission	Limeit (dDme)	Decult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3495.00	Vertical	-46.32		
5242.50	V	-43.51	1	Pass
3495.00	Horizontal	-47.58	-13	Pass
5242.50	Н	-42.85	1	



	15MHz(RB s	ize 75 & RB offset () for 16QAM	
Test mode:	15MHz	15MHz 16QAM		Lowest
Fraguency (MHz)	Spurious	Spurious Emission Limit (dBm)		Result
Frequency (MHz)	Polarization	Level (dBm)	Lilliit (ubili)	Result
3435.00	Vertical	-47.51		
5152.50	V	-43.62	-13	Pass
3435.00	Horizontal	-46.17	-13	Pa55
5152.50	Н	-43.95		
	15MHz(RB si	ize 75 & RB offset (O) for 16QAM	
Test mode:	15MHz	15MHz 16QAM		Middle
Fragueray (MIII-)	Spurious Emission		Limit (dPm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.62		
5197.50	V	-43.62	-13	Door
3465.00	Horizontal	-46.25	-13	Pass
5197.50	Н	-43.65		
	15MHz(RB s	ze 75 & RB offset () for 16QAM	•
Test mode:	15MHz	: 16QAM	Test channel:	Highest
Fragues ov (MUz)	Spurious	Emission	Limit (dDm)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3495.00	Vertical	-46.25		
5242.50	V	-43.62	12	Pass
3495.00	Horizontal	-46.24	-13	Pass
5242.50	Н	-42.60	1	



	20MHz(RB siz	e 1 & RB offset 4	9) for QPSK	
Test mode:	20MHz	QPSK	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3440.00	Vertical	-47.25		
5160.00	V	-44.15	40	Dage
3440.00	Horizontal	-47.65	-13	Pass
5160.00	Н	-44.52]	
	20MHz(RB si	ze 1 & RB offset 0) for QPSK	
Test mode:	20MHz	QPSK	Test channel:	Middle
Spurious Emission		Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.25		
5197.50	V	-43.65	40	Door
3465.00	Horizontal	-46.28	13	Pass
5197.50	Н	-43.42]	
	20MHz(RB siz	e 1 & RB offset 9	9) for QPSK	
Test mode:	20MHz	QPSK	Test channel:	Highest
	Spurious	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3490.00	Vertical	-45.62		
5235.00	V	-42.36	-13	Desc
3490.00	Horizontal	-45.56		Pass
5235.00	Н	-42.53		



	20MHz(RB size	e 1 & RB offset 49) for 16QAM	
Test mode:	20MHz 1	6QAM	Test channel:	Lowest
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3440.00	Vertical	-47.26		
5160.00	V	-44.77	-13	Pass
3440.00	Horizontal	-47.69	-13	Pass
5160.00	Н	-44.40		
	20MHz(RB siz	e 1 & RB offset 0)	for 16QAM	
Test mode:	20MHz 1	6QAM	Test channel:	Middle
	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.95		
5197.50	V	-43.35	-13	Door
3465.00	Horizontal	-46.52	-13	Pass
5197.50	Н	-43.16		
	20MHz(RB size	e 1 & RB offset 99) for 16QAM	
Test mode:	20MHz 1	6QAM	Test channel:	Highest
	Spurious E	Spurious Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3490.00	Vertical	-45.29		
5235.00	V	-42.36	-13	Door
3490.00	Horizontal	-45.57		Pass
5235.00	Н	-42.98		



	20MHz(RB size	e 50 & RB offset 2	4) for QPSK	
Test mode:	20MHz	QPSK	Test channel:	Lowest
Fraguency (MHz)	Spurious Emission		Limit (dPm)	Popult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3440.00	Vertical	-47.35		
5160.00	V	-42.35	-13	Pass
3440.00	Horizontal	-47.54	-13	Pass
5160.00	Н	-43.65		
	20MHz(RB siz	e 50 & RB offset () for QPSK	•
Test mode:	20MHz	QPSK	Test channel:	Middle
Fragueray (MIII-)	Spurious I	Spurious Emission		Decult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.65		
5197.50	V	-43.62	-13	Door
3465.00	Horizontal	-46.82	-13	Pass
5197.50	Н	-43.68		
	20MHz(RB size	e 50 & RB offset 4	9) for QPSK	•
Test mode:	20MHz	QPSK	Test channel:	Highest
Γτο συνοποιν (NALI=)	Spurious I	Emission	Lineit (dDne)	Decult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3490.00	Vertical	-46.52		
5235.00	V	-43.62	-13	Desc
3490.00	Horizontal	-46.25		Pass
5235.00	Н	-44.25		



	20MHz(RB size	e 50 & RB offset 24	4) for 16QAM	
Test mode:	20MHz	16QAM	Test channel:	Lowest
Fraguency (MUz)	Spurious Emission		Limit (dDm)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3440.00	Vertical	-47.65		
5160.00	V	-43.62	- 13	Pass
3440.00	Horizontal	-46.28	-13	Pass
5160.00	Н	-42.65		
	20MHz(RB siz	e 50 & RB offset 0) for 16QAM	
Test mode:	20MHz	16QAM	Test channel:	Middle
Fraguency (MHz)	Spurious Emission		L':'(/ ID)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.25		
5197.50	V	-44.32	- - 13	Door
3465.00	Horizontal	-45.65	-13	Pass
5197.50	Н	-41.25		
	20MHz(RB size	e 50 & RB offset 49	9) for 16QAM	
Test mode:	20MHz	16QAM	Test channel:	Highest
[7000.000.00.00.00.00.00.00.00.00.00.00.0	Spurious	Emission	Lineit (dDme)	Doordt
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3490.00	Vertical	-46.53		
5235.00	V	-43.62	-13	Door
3490.00	Horizontal	-46.52		Pass
5235.00	Н	-43.25		1



	20MHz(RB siz	e 100 & RB offset	0) for QPSK	
Test mode:	20MHz	QPSK	Test channel:	Lowest
Fraguency (MUz)	Spurious Emission		Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3440.00	Vertical	-46.32		
5160.00	V	-42.58	-13	Pass
3440.00	Horizontal	-47.26	-13	Pass
5160.00	Н	-43.26		
-	20MHz(RB siz	e 100 & RB offset	0) for QPSK	
Test mode:	20MHz	QPSK	Test channel:	Middle
Fragues ou (NALL=)	Spurious Emission		1: :(15.)	Dogult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-47.52		
5197.50	V	-43.62	40	Dana
3465.00	Horizontal	-46.26	-13	Pass
5197.50	Н	-42.16		
	20MHz(RB siz	e 100 & RB offset	0) for QPSK	
Test mode:	20MHz	QPSK	Test channel:	Highest
Fraguenov (MH=)	Spurious	Emission	Limit (dDm)	Dooult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3490.00	Vertical	-46.26		
5235.00	V	-42.32	1	Doos
3490.00	Horizontal	-46.58	-13	Pass
5235.00	Н	-42.65	1	



	20MHz(RB size	e 100 & RB offset (0) for 16QAM	
Test mode:	20MHz	16QAM	Test channel:	Lowest
Fraguency (MH=)	Spurious	Emission	Limit (dDm)	Result
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3440.00	Vertical	-46.25		
5160.00	V	-42.68	- 13	Pass
3440.00	Horizontal	-46.28	-13	Pass
5160.00	Н	-43.25		
	20MHz(RB size	e 100 & RB offset (D) for 16QAM	•
Test mode:	20MHz	16QAM	Test channel:	Middle
	Spurious Emission		L''((JD)	Decult
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3465.00	Vertical	-46.29		
5197.50	V	-43.25	10	Door
3465.00	Horizontal	-46.52	-13	Pass
5197.50	Н	-42.55		
	20MHz(RB size	e 100 & RB offset (0) for 16QAM	
Test mode:	20MHz	16QAM	Test channel:	Highest
Fraguency (MH=)	Spurious	Emission	Limit (dPm)	Poou!t
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
3490.00	Vertical	-46.25		
5235.00	V	-42.25	1	Door
3490.00	Horizontal	-46.29	-13	Pass
5235.00	Н	-43.25		



LTE band 7 part:

5MHz(RB size 1 & RB offset 0) for QPSK					
Test mode:	5MHz	QPSK	Test channel:	Lowest	
	Spurious	Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5005.00	Vertical	-38.65	-25	Pass	
5005.00	Horizontal	-39.21	-25	FdSS	
	5MHz(RB size 1 & RB offset 0) for QPSK				
Test mode:	5MHz	QPSK	Test channel:	Middle	
	Spurious Emission				
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5070.00	Vertical	-38.52	-25	Door	
5070.00	Horizontal	-38.25	-25	Pass	
	5MHz(RB	size 1 & RB offset	24) for QPSK		
Test mode:	5MHz	QPSK	Test channel:	Highest	
_	Spurious	Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5135.00	Vertical	-39.20	-25	Door	
5135.00	Horizontal	-38.18	-25	Pass	



	5MHz(RB	size 1 & RB offset	0) for 16QAM	
Test mode:	5MHz 16QAM		Test channel:	Lowest
Frequency (MHz)	Spurious E	Emission	Limit (dBm)	Result
	Polarization	Level (dBm)	(@)	
5005.00	Vertical	-39.27	-25	Pass
5005.00	Horizontal	-39.59	-25	Pass
	5MHz(RB	size 1 & RB offset	0) for 16QAM	
Test mode:	5MHz 1	6QAM	Test channel:	Middle
Fraguenay	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.55	25	Pass
5070.00	Horizontal	-38.26	25	
	5MHz(RB	size 1 & RB offset	24) for 16QAM	
Test mode:	5MHz 1	6QAM	Test channel:	Highest
	Spurious E	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5135.00	Vertical	-38.66	-25	Pass
5135.00	Horizontal	-38.15		Fd55



	5MHz(RB	size 12 & RB offse	t 0) for QPSK	
Test mode:	5MHz Q	PSK	Test channel:	Lowest
Frequency	Spurious E	mission	Limeit (dDms)	Desuit
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5005.00	Vertical	-38.45	O.F.	Pass
5005.00	Horizontal	-39.52	25	Pass
	5MHz(RB	size 12 & RB offse	t 0) for QPSK	
Test mode:	5MHz Q	PSK	Test channel:	Middle
Frequency	Spurious E	mission	Limeit (dDms)	Result
(MHz)	Polarization	Level (dBm)	Limit (dBm)	
5070.00	Vertical	-39.51	05	Dane
5070.00	Horizontal	-38.52	25	Pass
	5MHz(RB	size 12 & RB offset	: 11) for QPSK	
Test mode:	5MHz Q	PSK	Test channel:	Highest
Frequency	Spurious E	mission	Limit (dDm)	Desuit
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5135.00	Vertical	-38.51	25	Dage
5135.00	Horizontal	-38.17	-25	Pass



	5MHz(RB	size 12 & RB offset	0) for 16QAM	
Test mode:	5MHz 16	6QAM	Test channel:	Lowest
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)	, , ,	
5005.00	Vertical	-38.51	25	Door
5005.00	Horizontal	-38.95	-25	Pass
	5MHz(RB	size 12 & RB offset	0) for 16QAM	
Test mode:	5MHz 16	5MHz 16QAM		Middle
Frequency	Spurious Emission		Limit (dDm)	Result
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.45	25	Dave
5070.00	Horizontal	-38.84	-25	Pass
	5MHz(RB s	size 12 & RB offset	11) for 16QAM	
Test mode:	5MHz 16	6QAM	Test channel:	Highest
Frequency	Spurious E	mission	Limsit (alDuns)	D 11
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5135.00	Vertical	-39.52	25	Dese
5135.00	Horizontal	-38.14	-25	Pass



	5MHz(RB	size 25 & RB offse	t 0) for QPSK		
Test mode:	5MHz Q	PSK	Test channel:	Lowest	
Frequency	Spurious E	mission	Limeit (dDms)	Desuit	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5005.00	Vertical	-38.25	O.F.	Pass	
5005.00	Horizontal	-39.58	25	Pass	
	5MHz(RB	size 25 & RB offse	t 0) for QPSK		
Test mode:	5MHz Q	PSK	Test channel:	Middle	
Frequency	Spurious E	mission	Limeit (dDms)	Dogult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5070.00	Vertical	-39.52	05	Dane	
5070.00	Horizontal	-38.17	25	Pass	
-	5MHz(RB	size 25 & RB offse	t 0) for QPSK		
Test mode:	5MHz Q	PSK	Test channel:	Highest	
Frequency	Spurious E	mission	Limeit (dDms)	Decult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5135.00	Vertical	-39.51	05	Dage	
5135.00	Horizontal	-38.54	-25	Pass	



	5MHz(RB	size 25 & RB offset	t 0) for 16QAM		
Test mode:	5MHz 16QAM		Test channel:	Lowest	
Frequency (MHz)	· · · Shiring Emission		Limit (dBm)	Result	
	Polarization	Level (dBm)	` ′		
5005.00	Vertical	-38.57	-25	Door	
5005.00	Horizontal	-39.52	-20	Pass	
-	5MHz(RB	size 25 & RB offset	t 0) for 16QAM		
Test mode:	5MHz 16QAM		Test channel:	Middle	
Frequency	Spurious E	mission	Lineit (dDms)	Result	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5070.00	Vertical	-38.65	25	Pass	
5070.00	Horizontal	-38.58	-25		
	5MHz(RB	size 25 & RB offset	t 0) for 16QAM		
Test mode:	5MHz 16	6QAM	Test channel:	Highest	
Frequency	Spurious E	mission	Lineit (dDms)	D 11	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5135.00	Vertical	-39.57	25	Dana	
5135.00	Horizontal	-39.28	-25	Pass	



	10MHz(RI	B size 1 & RB offse	t 0) for QPSK	
Test mode:	10MHz		Test channel:	Lowest
F	Spurious I	Emission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5010.00	Vertical	-39.52	05	Dana
5010.00	Horizontal	-39.47	-25	Pass
	10MHz(RI	3 size 1 & RB offse	t 0) for QPSK	
Test mode:	10MHz	QPSK	Test channel:	Middle
F== == : .	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.15	05	Dese
5070.00	Horizontal	-38.20	-25	Pass
	10MHz(RB	size 1 & RB offset	49) for QPSK	
Test mode:	10MHz	QPSK	Test channel:	Highest
Frequency	Spurious I	Emission		
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5130.00	Vertical	-37.58	25	Door
5130.00	Horizontal	-37.45	-25	Pass



10MHz(RB size 1 & RB offset 0) for 16QAM					
Test mode:	10MHz 1	I6QAM	Test channel:	Lowest	
Frequency	Spurious I	Emission	1 (10.)	D It	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5010.00	Vertical	-38.95	25	Dese	
5010.00	Horizontal	-39.48	25	Pass	
10MHz(RB size 1 & RB offset 0) for 16QAM					
Test mode:	10MHz 1	I6QAM	Test channel:	Middle	
Fraguenay	Spurious I	Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5070.00	Vertical	-38.14	0.5	Dese	
5070.00	Horizontal	-38.65	25	Pass	
	10MHz(RB	size 1 & RB offset	49) for 16QAM		
Test mode:	10MHz 1	I6QAM	Test channel:	Highest	
Гтодиором	Spurious I	Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5130.00	Vertical	-37.28	-25	Pass	
5130.00	Horizontal	-37.98	-25	rdSS	



10MHz(RB size 25 & RB offset 0) for QPSK					
Test mode:	10MHz	QPSK	Test channel:	Lowest	
Frequency	Spurious I	Emission	Limeit (alDune)	Dooult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5010.00	Vertical	-38.52	25	Daga	
5010.00	Horizontal	-38.25	-25	Pass	
	10MHz(RB size 25 & RB offset 0) for QPSK				
Test mode:	10MHz QPSK		Test channel:	Middle	
Frequency	Spurious I	Emission	Limsit (alDuns)	Result	
(MHz)	Polarization	Level (dBm)	Limit (dBm)		
5070.00	Vertical	-39.52	OF.	Door	
5070.00	Horizontal	-38.17	-25	Pass	
	10MHz(RB	size 25 & RB offset	t 24) for QPSK		
Test mode:	10MHz	QPSK	Test channel:	Highest	
Frequency	Spurious I	Emission	Limeit (alDune)	Dooult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5130.00	Vertical	-38.21	25	Door	
5130.00	Horizontal	-38.17	-25	Pass	



40MH=/DD =!== 05 0 DD =ff==1 0\ f== 400 AM					
	10MHz(RB	size 25 & RB offse	t 0) for 16QAM		
Test mode:	10MHz 1	6QAM	Test channel:	Lowest	
Frequency	Spurious I	Emission	Limit (dBm)	Result	
(MHz)	Polarization	Level (dBm)]		
5010.00	Vertical	-39.52	05	Dana	
5010.00	Horizontal	-38.28	25	Pass	
10MHz(RB size 25 & RB offset 0) for 16QAM					
Test mode:	10MHz 16QAM		Test channel:	Middle	
Frequency	Spurious I	Emission	Limeit (alDure)	Dooult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5070.00	Vertical	-39.55	0.5	Dage	
5070.00	Horizontal	-38.86	25	Pass	
	10MHz(RB	size 25 & RB offset	24) for 16QAM		
Test mode:	10MHz 1	6QAM	Test channel:	Highest	
Frequency	Spurious I	Emission	Limit (dDm)	5	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5130.00	Vertical	-38.52	05	Dana	
5130.00	Horizontal	-39.25	-25	Pass	



10MHz(RB size 50 & RB offset 0) for QPSK					
Test mode:	10MHz		Test channel:	Lowest	
Frequency	Spurious I	Emission	Limeit (dDme)	Dooult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5010.00	Vertical	-38.52	25	Daga	
5010.00	Horizontal	-39.25	-25	Pass	
	10MHz(RB size 50 & RB offset 0) for QPSK				
Test mode:	10MHz	QPSK	Test channel:	Middle	
Frequency	Spurious I	Emission	I: ': (ID)	Result	
(MHz)	Polarization	Level (dBm)	Limit (dBm)		
5070.00	Vertical	-38.54	25	Door	
5070.00	Horizontal	-39.25	-25	Pass	
	10MHz(RE	3 size 50 & RB offse	et 0 for QPSK		
Test mode:	10MHz	QPSK	Test channel:	Highest	
Frequency	Spurious I	Emission	Limeit (dDme)	Dooult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5130.00	Vertical	-38.59	25	Door	
5130.00	Horizontal	-39.29	-25	Pass	



10MHz(RB size 50 & RB offset 0) for 16QAM					
	10MHz(RB	size 50 & RB offse	t 0) for 16QAM		
Test mode:	10MHz 1	6QAM	Test channel:	Lowest	
Frequency	Spurious Emission		Limit (dBm)	Result	
(MHz)	Polarization	Level (dBm)			
5010.00	Vertical	-39.25	25	Dane	
5010.00	Horizontal	-38.88	-25	Pass	
	10MHz(RB size 50 & RB offset 0) for 16QAM				
Test mode:	10MHz 1	6QAM	Test channel:	Middle	
Frequency	Spurious I	Emission	L''(/ ID)	Dooult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5070.00	Vertical	-39.52	25	Dage	
5070.00	Horizontal	-39.53	-25	Pass	
	10MHz(RB	size 50 & RB offse	et 0 for 16QAM		
Test mode:	10MHz 1	6QAM	Test channel:	Highest	
Frequency	Spurious I	Emission	Lineit (dDm)	Danult	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5130.00	Vertical	-38.42	05	D	
5130.00	Horizontal	-38.98	-25	Pass	



	15MHz(RE	B size 1 & RB offse	et 0) for QPSK	
Test mode:	15MHz QPSK		Test channel:	Lowest
Fraguanay	Spurious E	mission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5015.00	Vertical	-38.47	25	Dage
5015.00	Horizontal	-38.19	-25	Pass
·	15MHz(RE	3 size 1 & RB offse	et 0) for QPSK	•
Test mode:	15MHz C	QPSK	Test channel:	Middle
	Spurious Emission			
Frequency (MHz)	Polarization	larization Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.11	25	Dana
5070.00	Horizontal	-38.25	-25	Pass
	15MHz(RB	size 1 & RB offse	t 74) for QPSK	
Test mode:	15MHz 0	QPSK	Test channel:	Highest
Frequency	Spurious E	mission		
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5125.00	Vertical	-37.25	25	Door
5125.00	Horizontal	-37.42	-25	Pass



	15MHz(RB	size 1 & RB offset	: 0) for 16QAM	
Test mode:	15MHz 16QAM		Test channel:	Lowest
Frequency	Spurious E	mission	1: ': (15)	5 "
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5015.00	Vertical	-38.45	25	Dese
5015.00	Horizontal	-38.57	-25	Pass
•	15MHz(RB	size 1 & RB offset	: 0) for 16QAM	
Test mode:	15MHz 10	6QAM	Test channel:	Middle
Fraguenay	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.95	25	Dese
5070.00	Horizontal	-38.14	-25	Pass
-	15MHz(RB	size 1 & RB offset	: 0) for 16QAM	
Test mode:	15MHz 10	6QAM	Test channel:	Highest
Fraguenav	Spurious E	mission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5125.00	Vertical	-37.29	-25	Pass
5125.00	Horizontal	-37.28	-20	rass



	15MHz(RB	size 36 & RB offse	et 0) for QPSK	
Test mode:	15MHz QPSK		Test channel:	Lowest
Frequency	Spurious E	mission	Limit (dDm)	Dooult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5015.00	Vertical	-38.52	25	Dage
5015.00	Horizontal	-38.52	25	Pass
<u>. </u>	15MHz(RB	size 36 & RB offse	et 0) for QPSK	
Test mode:	15MHz (QPSK	Test channel:	Middle
Frequency	Spurious Emission		Lineit (dDne)	Dogult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-39.54	25	Dage
5070.00	Horizontal	-38.39	25	Pass
	15MHz(RB	size 36 & RB offse	t 35) for QPSK	
Test mode:	15MHz (QPSK	Test channel:	Highest
Frequency	Spurious E	mission	Lineit (dDne)	Decult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5125.00	Vertical	-38.54	25	Door
5125.00	Horizontal	-38.92	25	Pass



	15MHz(RB	size 36 & RB offse	t 0) for 16QAM	
Test mode:	15MHz 16QAM		Test channel:	Lowest
Frequency	Spurious E	mission	Limit (dBm)	Result
(MHz)	Polarization	Level (dBm)	` ′	
5015.00	Vertical	-39.52	25	Door
5015.00	Horizontal	-39.58	-25	Pass
-	15MHz(RB	size 36& RB offse	t 0) for 16QAM	
Test mode:	15MHz 16QAM		Test channel:	Middle
Frequency	Spurious Emission		Lineit (dDne)	Dooult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.52	25	Door
5070.00	Horizontal	-39.50	-25	Pass
	15MHz(RB s	size 36 & RB offse	: 35) for 16QAM	
Test mode:	15MHz 10	6QAM	Test channel:	Highest
Frequency	Spurious E	mission	Limett (dDms)	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5125.00	Vertical	-38.54	25	Doos
5125.00	Horizontal	-39.87	-25	Pass



	15MHz(RB	size 75 & RB offse	et 0) for QPSK	
Test mode:	15MHz QPSK		Test channel:	Lowest
Frequency	Spurious E	mission	Limit (dDm)	Dooult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5015.00	Vertical	-38.52	25	Dage
5015.00	Horizontal	-39.56	25	Pass
-	15MHz(RB	size 75 & RB offse	et 0) for QPSK	
Test mode:	15MHz (QPSK	Test channel:	Middle
Frequency	Spurious Emission		Lineit (dDne)	Doordt
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-37.58	25	Dane
5070.00	Horizontal	-39.25	25	Pass
-	15MHz(RB	size 75 & RB offse	et 0) for QPSK	
Test mode:	15MHz (QPSK	Test channel:	Highest
Frequency	Spurious E	mission	Lineit (dDne)	Decult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5125.00	Vertical	-39.52	25	Door
5125.00	Horizontal	-38.65	25	Pass



	15MHz(RB	size 75 & RB offset	t 0) for 16QAM	
Test mode:	15MHz 16QAM		Test channel:	Lowest
Frequency	Spurious E	Spurious Emission		Result
(MHz)	Polarization	Level (dBm)	, , ,	
5015.00	Vertical	-38.18	25	Pass
5015.00	Horizontal	-37.65	-25	Pass
-	15MHz(RB	size 75& RB offset	0) for 16QAM	
Test mode:	15MHz 1	15MHz 16QAM		Middle
Frequency	Spurious Emission		Lineit (dDne)	Dooult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-39.62	25	Pass
5070.00	Horizontal	-38.48	-25	
-	15MHz(RB	size 75 & RB offset	t 0) for 16QAM	
Test mode:	15MHz 1	6QAM	Test channel:	Highest
Frequency	Spurious E	mission	Limit (dDm)	Dogult
(MHz)	Polarization Level (Level (dBm)	Limit (dBm)	Result
5125.00	Vertical	-39.50	25	Door
5125.00	Horizontal	-38.65	25	Pass



	20MHz(RI	3 size 1 & RB offse	t 0) for QPSK	
Test mode:	20MHz QPSK		Test channel:	Lowest
Fraguanay	Spurious En	nission		
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5020.00	Vertical	-38.52	-25	Door
5020.00	Horizontal	-38.45	-25	Pass
	20MHz(RI	B size 1 & RB offse	t 0) for QPSK	
Test mode:	20MHz QPSK		Test channel:	Middle
Frequency	Spurious En	nission		
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-37.41	-25	Door
5070.00	Horizontal	-37.52	-25	Pass
	20MHz(RB	size 1 & RB offset	99) for QPSK	
Test mode:	20MHz Q	PSK	Test channel:	Highest
Frequency	Spurious En	nission	L''((ID)	D 16
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5120.00	Vertical	-37.58	-25	Pass
5120.00	Horizontal	-37.82	-20	F d 5 5



	20MHz(RE	size 1 & RB offset	t 0) for 16QAM	
Test mode:	20MHz 16QAM		Test channel:	Lowest
Frequency	Spurious Er	nission	Lineit (ADms)	Desuit
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5020.00	Vertical	-38.60	25	Pass
5020.00	Horizontal	-38.17	-25	Pass
	20MHz(RB	size 1 & RB offset	49) for 16QAM	
Test mode:	20MHz 16QAM		Test channel:	Middle
Гиализа	Spurious Emission			
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-37.59	25	Pass
5070.00	Horizontal	-37.28	-25	
	20MHz(RB	size 1 & RB offset	99) for 16QAM	
Test mode:	20MHz 16	QAM	Test channel:	Highest
Fraguenay	Spurious Emission			
Frequency (MHz)	Polarization Level	Level (dBm)	Limit (dBm)	Result
5120.00	Vertical	-37.15	25	Door
5120.00	Horizontal	-37.59	-25	Pass



	20MHz(RE	size 50 & RB offse	et 0) for QPSK	
Test mode:	20MHz Q	20MHz QPSK		Lowest
Frequency	Spurious En	nission	Limit (dBm)	Result
(MHz)	Polarization	Level (dBm)	Lilliit (dbill)	Result
5020.00	Vertical	-38.65	-25	Pass
5020.00	Horizontal	-39.65	-25	Pass
	20MHz(RE	size 50 & RB offse	et 0) for QPSK	
Test mode:	20MHz QPSK		Test channel:	Middle
Frequency	Spurious En	nission	Lineit (dDne)	Result
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.62	-25	Pass
5070.00	Horizontal	-39.54	-25	Pass
_	20MHz(RB	size 50 & RB offse	t 49) for QPSK	
Test mode:	20MHz Q	PSK	Test channel:	Highest
Frequency	Spurious En	nission	Limit (dPm)	Result
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5120.00	Vertical	-38.65	-25	Pass
5120.00	Horizontal	-38.95	∠ə	Pass



	20MHz(RB	size 50 & RB offset	t 0) for 16QAM	
Test mode:	20MHz 16QAM		Test channel:	Lowest
Frequency	Spurious En	nission	Limit (dBm)	Result
(MHz)	Polarization	Level (dBm)	, , ,	
5020.00	Vertical	-38.58	-25	Pass
5020.00	Horizontal	-39.65	-25	Pass
	20MHz(RB	size 50 & RB offset	t 0) for 16QAM	
Test mode:	20MHz 16QAM		Test channel:	Middle
Frequency	Spurious En	nission	Limit (dDm)	Result
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.57	-25	Pass
5070.00	Horizontal	-39.65	-25	Pass
	20MHz(RB	size 50 & RB offset	49) for 16QAM	
Test mode:	20MHz 16	QAM	Test channel:	Highest
Frequency	Spurious En	nission	Limit (dBm)	Result
(MHz)	Polarization	Level (dBm)	LIIIII (UDIII)	Nesuit
5120.00	Vertical	-38.54	-25	Pass
5120.00	Horizontal	-39.65	-25	F d55



20MHz(RB size 100 & RB offset 0) for QPSK				
Test mode:	20MHz QPSK		Test channel:	Lowest
Frequency	Spurious En	nission	Limit (dBm)	Result
(MHz)	Polarization	Level (dBm)	Limit (dbin)	Result
5020.00	Vertical	-38.52	25	Door
5020.00	Horizontal	-39.58	-25	Pass
	20MHz(RB	size 100 & RB offse	et 0) for QPSK	
Test mode:	20MHz QPSK		Test channel:	Middle
Frequency	Spurious En	nission	Lineit (dDne)	Result
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5070.00	Vertical	-38.47	0.5	Door
5070.00	Horizontal	-39.52	-25	Pass
	20MHz(RB	size 100 & RB offse	t 49) for QPSK	
Test mode:	20MHz Q	PSK	Test channel:	Highest
Frequency	Spurious En	nission	Limit (dDm)	Popult
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result
5120.00	Vertical	-38.24	25	Door
5120.00	Horizontal	-39.26	-25	Pass



	20MHz(RB	size 100 & RB offse	t 0) for 16QAM		
Test mode:	20MHz 16	Hz 16QAM Test channel:		Lowest	
Frequency	Spurious En	nission	Limit (dBm)	Result	
(MHz)	Polarization	Level (dBm)	, , ,		
5020.00	Vertical	-39.54	25	Pass	
5020.00	Horizontal	-38.65	-25	Pass	
	20MHz(RB	size 100 & RB offse	t 0) for 16QAM		
Test mode:	20MHz 16	20MHz 16QAM		Middle	
Frequency	Spurious En	nission	Limit (dDm)	Result	
(MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
5070.00	Vertical	-39.65	-25	Pass	
5070.00	Horizontal	-38.54	-25	Pass	
	20MHz(RB s	size 100 & RB offset	: 49) for 16QAM		
Test mode:	20MHz 16	QAM	Test channel:	Highest	
Frequency	Spurious En	nission	Limit (dBm)	Result	
(MHz)	Polarization	Level (dBm)	Lilliit (ubili)	Nesuit	
5120.00	Vertical	-38.62	-25	Pass	
5120.00	Horizontal	-38.65	-25	Pass	



6.11 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part 2.1055(a)(1)(b)
Test Method:	FCC Part 2.1055(a)(1)(b)
Limit:	±2.5 ppm
Test setup:	Spectrum analyzer EUT Att. Variable Power Supply Note: Measurement setup for testing on Antenna connector
Test procedure:	 The equipment under test was connected to an external DC power supply and input rated voltage. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. The EUT was placed inside the temperature chamber. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All three channels of all modulations have been tested, but only the worst channel and the worst modulation show in this test item.

Measurement Data (the worst channel):



LTE Band 4(QPSK):

LTE Band 4(QPSK	() :				
Reference Fr	equency: LTE Band	4(1.4MHz) N	Middle channel=20175	channel=1732.50	MHz
Power supplied	Temperature (°C)	Fre	equency error	Limit (nnm)	Result
(Vdc)	remperature (C)	Hz	ppm	Limit (ppm)	Result
	-30	104	0.060023		
	-20	121	0.069841		
	-10	121	0.069841	1	
	0	150	0.086580		
3.70	10	88	0.050794	±2.5	Pass
0.70	20	123	0.070996		1 400
	30	124	0.071573		
	40	146	0.084271		
	50	86	0.049639		
Reference F	requency: LTE Band	4(3MHz) M	iddle channel=20175 c	channel=1732.50	ИНz
Power supplied			equency error	Limit (ppm)	
(Vdc)	Temperature (°C)	Hz	ppm		Result
, ,	-30	120	0.069264		Pass
	-20	163	0.094084	1	
	-10	144	0.083117	1	
	0	106	0.061183	±2.5	
3.70	10	115	0.066378		
3.70	20	104	0.060029	±2.5	
	30	139	0.080231	-	
	40	126	0.072727	-	
	50	151	0.087157	-	
Poforonco F			iddle channel=20175 d	hannel – 1732 50N	ЛЦ
			equency error		
Power supplied (Vdc)	Temperature (°C)	Hz	ppm	Limit (ppm)	Result
	-30	113	0.065224		
	-20	105	0.060606		
	-10	79	0.045599]	
	0	58	0.033478		
3.70	10	66	0.038095	±2.5	Pass
-	20	73	0.042136	_	
	30	57	0.032900	_	
	40	97	0.055988	<u> </u>	
	50	106	0.061183		



Reference F	requency: LTE Band	4(10MHz) N	Middle channel=20175	channel=1732.50)MHz
D	Tamas anatuma (°C)	Frequency error		1: '//	D 11
Power supplied (Vdc)	Temperature (°C)	Hz	ppm	Limit (ppm)	Result
	-30	89	0.051371		
	-20	107	0.061760		
	-10	65	0.037518		
	0	98	0.056566		
3.70	10	125	0.072150	±2.5	Pass
	20	102	0.058874		
	30	85	0.049062		
	40	132	0.076190		
	50	83	0.047908		
Reference F	requency: LTE Band		Middle channel=20175	channel=1732.5	0MHz
Power supplied (Vdc)	Temperature (°C)		equency error	Limit (ppm)	Result
	, ,	Hz	ppm	(PP)	Result
	-30	95	0.054834		Pass
	-20	81	0.046753		
	-10	76	0.043867		
	0	102	0.058874		
3.70	10	59	0.034055	±2.5	
	20	125	0.072150		
	30	91	0.052525		
	40	100	0.057720		
	50	93	0.053680	1	
Reference F	requency: LTE Band	l 4(20MHz) l	Middle channel=20175	channel=1732.5	0MHz
Dannan annalia d () (da)	T(°C)	Fr	equency error	Limit (mmm)	
Power supplied (Vdc)	Temperature (°C)	Hz	ppm	Limit (ppm)	Result
	-30	135	0.077922		
	-20	147	0.084848	1	
	-10	114	0.065801	1	
	0	91	0.052525	1	
3.70	10	46	0.026551	±2.5	Pass
5.10	20	93	0.053680		F 855
	30	78	0.045022	-	
	40	109	0.043022	-	
				-	
	50	104	0.060029	<u> </u>	



LTE Band 4(16QAM):

Reference F	requency: LTE Band	4(1.4MHz) I	Middle channel=2017	5 channel=1732.50	OMHz
D	Temperature (°C)	Frequency error		Limit (ppm)	D 11
Power supplied (Vdc)	Temperature (©)	Hz	ppm	Lillit (ppill)	Result
	-30	112	0.064646		
	-20	106	0.061183		
	-10	129	0.074459		
	0	142	0.081962		
3.70	10	97	0.055988	±2.5	Pass
0.70	20	131	0.075613		. 400
	30	122	0.070418		
	40	127	0.073304		
	50	106	0.061183		
Reference F	requency: LTE Band		liddle channel=20175	channel=1732.50	MHz
Damas amalia d () (da)	Temperature (°C)	Fr	equency error	Limit (ppm)	Danult
Power supplied (Vdc)	romporatoro (o)	Hz	ppm		Result
	-30	113	0.065224		Pass
	-20	135	0.077922		
	-10	125	0.072150		
	0	98	0.056566		
3.70	10	104	0.060029	±2.5	
5.70	20	120	0.069264		
	30	141	0.081385		
	40	101	0.058297		
	50	123	0.070996		
Reference F			ddle channel=20175	channel=1732.50	ИНz
			Frequency error		
Power supplied (Vdc)	Temperature (°C)	Hz	ppm	Limit (ppm)	Result
	-30	130	0.075036		
	-20	89	0.051371		
	-10	98	0.056566	_	
	0	102	0.058874	_	
3.70	10	113	0.065224	±2.5	Pass
	20	114	0.065801		
			0.000004		
	30 40	120 134	0.069264 0.077345		



Reference F	requency: LTE Band	4(10MHz) N	liddle channel=20175	channel=1732.50	MHz
De la la la la la la la la la la la la la	Temperature (°C)	Frequency error		1.1 11 (Decult
Power supplied (Vdc)		Hz	ppm	Limit (ppm)	Result
	-30	95	0.054834		
	-20	121	0.069841		
	-10	78	0.045022		
	0	92	0.053102		
3.70	10	116	0.066955	±2.5	Pass
	20	100	0.057720		
	30	97	0.055988		
	40	123	0.070996		
	50	96	0.055411		
	requency: LTE Band		liddle channel=20175	channel=1732.50	MHz
Power supplied	Temperature (°C)		equency error	Limit (ppm)	Result
(Vdc)	` ` `	Hz	ppm	(pp)	
	-30	103	0.059452		Pass
	-20	97	0.055988		
	-10	83	0.047908		
	0	124	0.071573		
3.70	10	135	0.077922	±2.5	
	20	107	0.061760		
	30	89	0.051371		
	40	120	0.069264		
	50	88	0.050794		
Reference F	requency: LTE Band	4(20MHz) N	liddle channel=20175	channel=1732.50	MHz
Power supplied	Temperature (°ℂ)	Fre	equency error	Lineit (none	Danill
(Vdc)	· simporatoro (\odot)	Hz	ppm	Limit (ppm)	Result
	-30	121	0.069841		
	-20	157	0.090620		
	-10	129	0.074459		
	0	108	0.062338	7	
3.70	10	79	0.045599	±2.5	Pass
	20	83	0.047908		. 400
	30	95	0.054834	7	
	40	115	0.066378		



TE Band 7(QPSI					
	Frequency: LTE Band	i ' '		channel=2535.00M	1Hz
Power supplied	Temperature (°C)		equency error	Limit (ppm)	Result
(Vdc)		Hz	ppm	Еппи (ррпп)	rtoouit
	-30	141	0.055621		
	-20	124	0.048915		
	-10	98	0.038659		
	0	74	0.029191		
3.70	10	95	0.037475	±2.5	Pass
	20	84	0.033136		
	30	66	0.026036		
	40	87	0.034320		
	50	114	0.044970		
Reference	Frequency: LTE Band			channel=2535.00N	MHz
Power supplied	, ,	· ' ' '	equency error		
(Vdc)	Temperature (°C)	Hz	ppm	Limit (ppm)	Result
, ,	-30	97	0.038264		
	-20	154	0.060750		Pass
	-10	124	0.048915		
	0	130	0.051282	±2.5	
3.70	10	98	0.031262		
3.70		87	0.034320		
	20	+			
	30	92	0.036292		
	40	105	0.041420		
	50	95	0.037475		
	Frequency: LTE Band			channel=2535.00l	MHz
Power supplied	Temperature (°C)		equency error	Limit (ppm)	Result
(Vdc)	20	Hz	ppm	,	
	-30	121	0.047732		Pass
	-20 -10	140 97	0.055227 0.038264	_	
	0	103	0.040631		
3.70	10	86	0.033925	±2.5	
0.70	20	104	0.041026		1 433
	30	86	0.033925	1	
	40	115	0.045365		
	50	97	0.038264		
Reference	Frequency: LTE Band	7(20MHz) N	1iddle channel=21100	channel=2535.00N	ИНz
Power supplied	Temperature (°C)	Fre	equency error	Limit (mmm)	Danult
(Vdc)	remperature (C)	Hz	ppm	Limit (ppm)	Result
	-30	142	0.056016		
	-20	126	0.049704		
	-10	98	0.038659		
	0	93	0.036686	_	_
3.70	10	79	0.031164	±2.5	Pass
	20	87	0.034320	_	
	30	124	0.048915	_	
	40	122	0.048126	_	
	50	95	0.037475		



LTE Band 7(16QAM):

Reference	Frequency: LTE Band	7(5MHz) M	iddle channel=21100	channel=2535.00N	ИHz
Power supplied	Temperature (°€)	Frequency error		Limit (ppm)	Dogult
(Vdc)	7 7 3 3 7 (0)	Hz	ppm	Limit (ppm)	Result
	-30	142	0.056016		
	-20	94	0.037081		
	-10	87	0.034320		
	0	69	0.027219		
3.70	10	79	0.031164	±2.5	Pass
	20	86	0.033925		. 400
	30	108	0.042604		
	40	130	0.051282		
	50	87	0.034320		
Reference	Frequency: LTE Band	l l		channel=2535.00l	MHz
Power supplied			equency error		
(Vdc)	Temperature (°C)	Hz		Limit (ppm)	Result
, ,	-30	118	ppm 0.046548		
	-20	98	0.038659	-	
	-10	86	0.033925	-	Pass
0.70	0	79	0.031164		
3.70	10	157	0.061934	±2.5	
	20	108	0.042604	_	
	30	95	0.037475	_	
	40	135	0.053254		
	50	95	0.037475	1 0505 00	N 41 1—
	Frequency: LTE Band	_ '		channel=2535.00	MHz
Power supplied (Vdc)	Temperature (°C)	Hz	equency error	Limit (ppm)	Result
(vuc)	-30	106	ppm 0.041815		
	-20	96	0.037870	-	
	-10	85	0.033531		
	0	125	0.049310		
3.70	10	139	0.054832	2.5	Pass
	20	92	0.036292		
	30	75	0.029586		
	40	98	0.038659		
	50	79	0.031164		
	Frequency: LTE Band			channel=2535.00	MHz
Power supplied	Temperature (°C)	Hz	equency error	Limit (ppm)	Result
(Vdc)	-30	152	ppm 0.059961		
	-20	92	0.036292	=	
	-10	125	0.049310	-	
	0	69	0.027219	-	
3.70	10	78	0.030769	2.5	Pass
	20	39	0.015385		
	30	98	0.038659		
	40	78	0.030769		
	50	108	0.042604		



6.12 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part 2.1055(d)(1)(2)
Test Method:	FCC Part 2.1055(d)(1)(2)
Limit:	2.5ppm
Test setup:	Spectrum analyzer EUT Variable Power Supply Note: Measurement setup for testing on Antenna connector
Test procedure:	 Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. Reduce the input voltage to specify extreme voltage variation (+/-15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details, and all channels have been tested, only shows the worst channel data in this report.
Test results:	Passed

Measurement Data (the worst channel):



LTE Band 4(QPSK):

LTE Band 4(QPS					
Reference F	requency: LTE Band	4(1.4MHz) Middle	e channel=20175	channel=1732.50	MHz
Temperature (℃)	Power supplied	Freque	Frequency error		Result
remperature (e)	(Vdc)	Hz	ppm	Limit (ppm)	Result
	4.25	110	0.063492		
25	3.70	85	0.049062	±2.5	Pass
	3.40	56	0.032323		
Reference I	Frequency: LTE Band	d 4(3MHz) Middle	channel=20175	channel=1732.50N	ИHz
T (%C)	Power supplied	Freque	ncy error		D 1
Temperature (°C)	(Vdc)	Hz	ppm	Limit (ppm)	Result
	4.25	78	0.045022		
25	3.70	95	0.054834	±2.5	Pass
	3.40	82	0.047330		
Reference I	Frequency: LTE Band	d 4(5MHz) Middle	channel=20175 d	channel=1732.50N	ЛНz
	Power supplied	, ,	ncy error		
Temperature (℃)	(Vdc)	Hz	ppm	Limit (ppm)	Result
	4.25	68	0.039250		
25	3.70	59	0.034055	±2.5	Pass
	3.40	101	0.058297		
Reference F	requency: LTE Band			channel=1732.50	MHz
	Power supplied	,	ncy error		
Temperature (℃)	(Vdc)	Hz	ppm	Limit (ppm)	Result
	4.25	94	0.054257		
25	3.70	87	0.050216	±2.5	Pass
25	3.40	69	0.039827	12.5	1 033
Reference F	requency: LTE Band			channel=1732.50	MHz
Temperature (℃)	Power supplied		ncy error	Limit (ppm)	Result
•	(Vdc)	Hz	ppm	- (11 /	
	4.25	64	0.036941	_	
25	3.70	76	0.043867	±2.5	Pass
	3.40	97	0.055988		
Reference F	requency: LTE Band	4(20MHz) Middle	e channel=20175	channel=1732.50	MHz
Temperature (°C)	Power supplied	Freque	ncy error	Limit (ppm)	Result
remperature (C)	(Vdc)	Hz	ppm	Limit (ppm)	Result
	4.25	69	0.039827	_	
25	3.70	87	0.050216	±2.5	Pass
-	3.40	71	0.040981	1	



LTE Band 4(16QAM):

. 10.01011001	requency: LTE Band	4(1.4MHz) Middle	e channel=20175	channel=1732.50	MHz
Temperature (°C)	Power supplied	Freque	ncy error	Limit (none)	Result
remperature (C)	(Vdc)	Hz	ppm	Limit (ppm)	
	4.25	108	0.062338		
25	3.70	76	0.043868	±2.5	Pass
	3.40	98	0.056566		
Reference l	Frequency: LTE Band	d 4(3MHz) Middle	channel=20175 d	channel=1732.50N	ИHz
Tomorotium (°C)	Power supplied	Freque	ncy error	Limit (none)	Danult
Temperature (°C)	(Vdc)	Hz	ppm	Limit (ppm)	Result
	4.25	83	0.047908		
25	3.70	102	0.058875	±2.5	Pass
	3.40	73	0.042136		
Reference l	Frequency: LTE Band	d 4(5MHz) Middle	channel=20175 c	channel=1732.50N	ИНz
T(%C)	Power supplied	Frequei	ncy error		Result
Temperature (℃)	(Vdc)	Hz	ppm	Limit (ppm)	
	4.25	86	0.049639	±2.5	Pass
25	3.70	79	0.045599		
	3.40	80	0.046176		
Reference F					
IVEIGIGING L	requency: LTE Band	4(10MHz) Middle	channel=20175	channel=1732.50	MHz
	Power supplied		e channel=20175 ncy error		
Temperature (°C)				channel=1732.50 Limit (ppm)	MHz Result
	Power supplied	Freque	ncy error		
	Power supplied (Vdc)	Freque Hz	ncy error ppm		
Temperature (°C)	Power supplied (Vdc) 4.25	Frequei Hz 93	ppm 0.053680	Limit (ppm)	Result
Temperature (°C) 25	Power supplied (Vdc) 4.25 3.70 3.40	Frequer Hz 93 90 89	0.053680 0.051948 0.051371	Limit (ppm)	Result Pass
Temperature (°C) 25 Reference F	Power supplied (Vdc) 4.25 3.70 3.40 Trequency: LTE Band	Frequer Hz 93 90 89 4(15MHz) Middle	0.053680 0.051948 0.051371 e channel=20175	±2.5	Result Pass MHz
Temperature (°C) 25	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied	Frequel Hz 93 90 89 4(15MHz) Middle Frequel	0.053680 0.051948 0.051371 e channel=20175	Limit (ppm)	Result Pass
Temperature (°C) 25 Reference F	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied (Vdc)	Frequence Hz 93 90 89 4(15MHz) Middle Frequence Hz	0.053680 0.051948 0.051371 e channel=20175 ncy error ppm	±2.5	Result Pass MHz
Temperature (°C) 25 Reference F Temperature (°C)	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied (Vdc) 4.25	Frequer Hz 93 90 89 4(15MHz) Middle Frequer Hz 58	0.053680 0.051948 0.051371 channel=20175 ncy error ppm 0.033478	±2.5 channel=1732.50 Limit (ppm)	Result Pass MHz Result
Temperature (°C) 25 Reference F	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied (Vdc) 4.25 3.70	Frequent Hz 93 90 89 4(15MHz) Middle Frequent Hz 58 77	0.053680 0.051948 0.051371 channel=20175 ncy error ppm 0.033478 0.044444	±2.5	Result Pass MHz
Temperature (°C) 25 Reference F Temperature (°C)	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied (Vdc) 4.25 3.70 3.40	Frequence Hz 93 90 89 4(15MHz) Middle Frequence Hz 58 77 85	0.053680 0.051948 0.051371 channel=20175 ncy error ppm 0.033478 0.044444 0.049062	±2.5 channel=1732.50 Limit (ppm) ±2.5	Result Pass MHz Result Pass
Temperature (°C) 25 Reference F Temperature (°C) 25 Reference F	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band (Vdc) 4.25 3.70 3.40 Frequency: LTE Band	Frequence Hz 93 90 89 4(15MHz) Middle Frequence Hz 58 77 85 4(20MHz) Middle	ppm 0.053680 0.051948 0.051371 channel=20175 ppm 0.033478 0.044444 0.049062 channel=20175	±2.5 channel=1732.50 Limit (ppm) ±2.5 channel=1732.50	Result Pass MHz Result Pass
Temperature (°C) 25 Reference F Temperature (°C) 25	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied	Frequence Hz 93 90 89 4(15MHz) Middle Frequence Hz 58 77 85 4(20MHz) Middle	ppm 0.053680 0.051948 0.051371 channel=20175 ppm 0.033478 0.044444 0.049062 channel=20175 procy error	±2.5 channel=1732.50 Limit (ppm) ±2.5	Result Pass MHz Result Pass
Temperature (°C) 25 Reference F Temperature (°C) 25 Reference F	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band (Vdc) 4.25 3.70 3.40 Frequency: LTE Band (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied (Vdc)	Frequence Hz 93 90 89 4(15MHz) Middle Frequence Hz 58 77 85 4(20MHz) Middle Frequence Hz	ppm 0.053680 0.051948 0.051371 channel=20175 ppm 0.033478 0.044444 0.049062 channel=20175 pcy error ppm	±2.5 channel=1732.50 Limit (ppm) ±2.5 channel=1732.50	Result Pass MHz Result Pass
Temperature (°C) 25 Reference F Temperature (°C) 25 Reference F	Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied (Vdc) 4.25 3.70 3.40 Frequency: LTE Band Power supplied	Frequence Hz 93 90 89 4(15MHz) Middle Frequence Hz 58 77 85 4(20MHz) Middle Frequence	ppm 0.053680 0.051948 0.051371 channel=20175 ppm 0.033478 0.044444 0.049062 channel=20175 procy error	±2.5 channel=1732.50 Limit (ppm) ±2.5 channel=1732.50	Result Pass MHz Result Pass



LTE Band 7(QPSK):

Poforonce I	Frequency: LTE Band	N 7/5M∐¬\ Middlo	channal_21100 c	hannal-2525 00N	/IU
Reference					VIITZ
Temperature (°C)	Power supplied (Vdc)	Hz	ncy error	Limit (ppm)	Result
	4.25	98	ppm		
0.5			0.038659	±2.5	D
25	3.70	83	0.032742	±2.5	Pass
	3.40	43	0.016963		
Reference F	requency: LTE Band	7(10MHz) Middle	channel=21100	channel=2535.00	MHz
Temperature (℃)	Power supplied		ncy error	Limit (ppm)	Result
remperature (©)	(Vdc)	Hz	ppm	Ешти (ррпп)	rtesuit
	4.25	68	0.026824		
25	3.70	89	0.035108	±2.5	Pass
	3.40	86	0.033925		
Reference F	requency: LTE Band	7(15MHz) Middle	channel=21100	channel=2535.00	MHz
Temperature (°C)	Power supplied	Frequency error		Limit (ppm)	Result
remperature (C)	(Vdc)	Hz	ppm	сини (ррин)	Result
	4.25	73	0.028797		
25	3.70	66	0.026036	±2.5	Pass
	3.40	112	0.044181		
Reference F	requency: LTE Band	7(20MHz) Middle	channel=21100	channel=2535.00	MHz
Temperature (°C)	Power supplied	Freque	ncy error	Limit (mmm)	Result
remperature (C)	(Vdc)	Hz	ppm	Limit (ppm)	Kesult
	4.25	86	0.033925		
25	3.70	94	0.037081	±2.5	Pass
	3.40	103	0.040631		



LTE Band 7(16QAM):

LIL Balla /(10Q/	(IVI).				
Reference F	Frequency: LTE Band	d 7(5MHz) Middle	channel=21100 c	hannel=2535.00	MHz
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm	шти (ррпп)	Nesuit
25	4.25	95	0.037475	±2.5	Pass
	3.70	84	0.033136		
	3.40	57	0.022485		
Reference Frequency: LTE Band 7(10MHz) Middle channel=21100 channel=2535.00MHz					
Temperature (℃)	Power supplied	Freque	ncy error	Limit (ppm) Resul	
	(Vdc)	Hz	ppm	Еппи (ррпп)	Kesuit
25	4.25	73	0.028797	±2.5	Pass
	3.70	94	0.037081		
	3.40	102	0.040237		
Reference Frequency: LTE Band 7(15MHz) Middle channel=21100 channel=2535.00MHz					
Temperature (°C)	Power supplied	Freque	ncy error	Limit (ppm) Result	
	(Vdc)	Hz	ppm	Еппі (рріп)	Result
25	4.25	100	0.039448	±2.5	Pass
	3.70	83	0.032742		
	3.40	79	0.031164		
Reference Frequency: LTE Band 7(20MHz) Middle channel=21100 channel=2535.00MHz					
Temperature $(^{\circ}\!$	Power supplied	Freque	ncy error	Limit (ppm)	Result
	(Vdc)	Hz	ppm	Еппі (рріп)	Nesuit
25	4.25	93	0.036686	±2.5	Pass
	3.70	76	0.029980		
	3.40	80	0.031558		