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Appendix B

E-UTRA Band 17



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1. Effective (Isotropic) Radiated Power

1.1. Test Result

DAND	Dan du i dib	Madulation	Channel	RB	Conducted	ERP	Limit	\/a.mdiat
BAND	Bandwidth	Modulation	Channel	Configuration	Power(dBm)	(dBm)	(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.13	24.98	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.15	25.00	34.77	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.93	24.78	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.09	23.94	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.01	23.86	34.77	PASS
Band17	5MHz	QPSK	23755	12RB#13	21.96	23.81	34.77	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.10	23.95	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.02	24.87	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.21	25.06	34.77	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.98	24.83	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.10	23.95	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.08	23.93	34.77	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.04	23.89	34.77	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.15	24.00	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.17	25.02	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.08	24.93	34.77	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.40	24.25	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.22	24.07	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.11	23.96	34.77	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.14	23.99	34.77	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.12	23.97	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.32	24.17	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.39	24.24	34.77	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.20	24.05	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.20	23.05	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.11	22.96	34.77	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.03	22.88	34.77	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.05	22.90	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.42	24.27	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.20	24.05	34.77	PASS
Band17	5MHz	16QAM	23790	1RB#24	22.26	24.11	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.17	23.02	34.77	PASS



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		T	T	T	1	•		•
Band17	5MHz	16QAM	23790	12RB#6	21.09	22.94	34.77	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.12	22.97	34.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.03	22.88	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.59	24.44	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.48	24.33	34.77	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.38	24.23	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.20	23.05	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.21	23.06	34.77	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.17	23.02	34.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.17	23.02	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.20	25.05	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.60	25.45	34.77	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.76	24.61	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.35	24.20	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.16	24.01	34.77	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.13	23.98	34.77	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.06	23.91	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.88	24.73	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.71	25.56	34.77	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.32	24.17	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.30	24.15	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.12	23.97	34.77	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.01	23.86	34.77	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.09	23.94	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.15	25.00	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.64	25.49	34.77	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.32	24.17	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.28	24.13	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.22	24.07	34.77	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.95	23.80	34.77	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.09	23.94	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.59	24.44	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.38	24.23	34.77	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.46	24.31	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#0	21.23	23.08	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.09	22.94	34.77	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.98	22.83	34.77	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.09	22.94	34.77	PASS



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Band17	10MHz	16QAM	23790	1RB#0	22.66	24.51	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.38	24.23	34.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.54	24.39	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.22	23.07	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.06	22.91	34.77	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.04	22.89	34.77	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.12	22.97	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.58	24.43	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.29	24.14	34.77	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.47	24.32	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.09	22.94	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.04	22.89	34.77	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.00	22.85	34.77	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.11	22.96	34.77	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



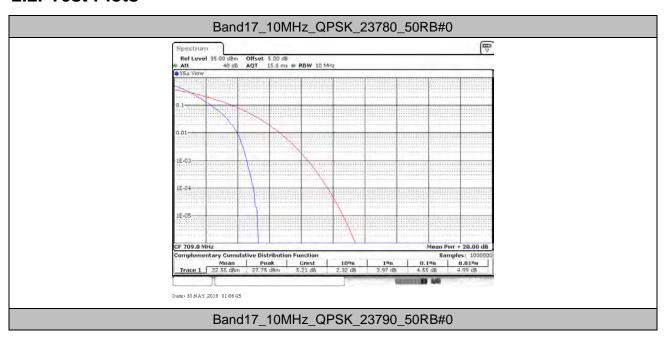
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2. Peak-to-Average Ratio(CCDF)

2.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	4.55	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.49	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.55	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.51	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.51	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.48	13	PASS

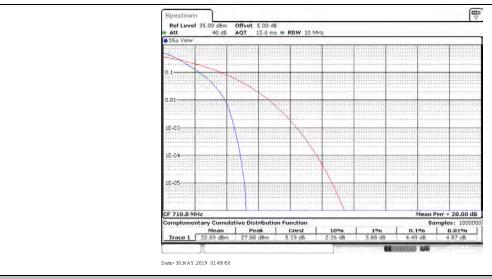
2.2. Test Plots



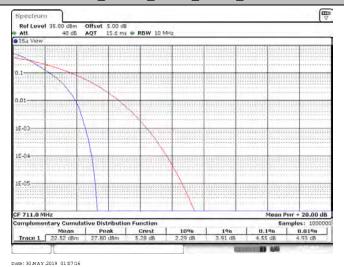


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Band17 10MHz QPSK 23800 50RB#0

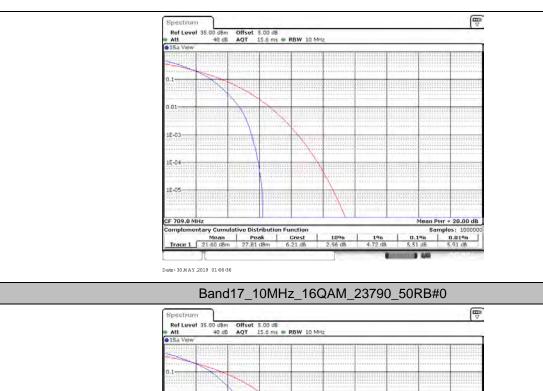


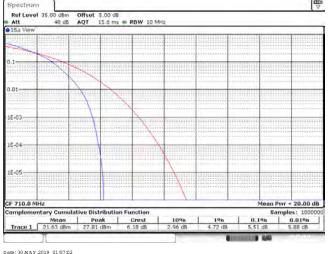
Band17_10MHz_16QAM_23780_50RB#0



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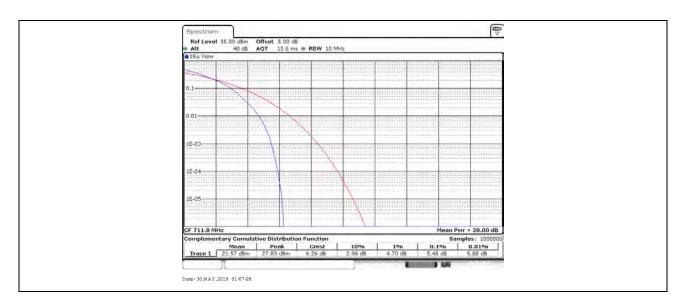


Band17_10MHz_16QAM_23800_50RB#0



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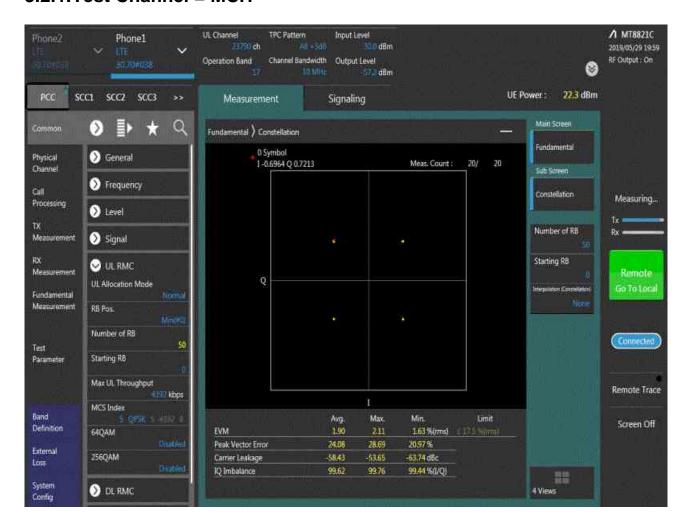




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3. Modulation Characteristics

- 3.1. Test BAND = LTE Band 17
- 3.2. Test Mode = LTE /TM1 10MHz
- 3.2.1.Test Channel = MCH

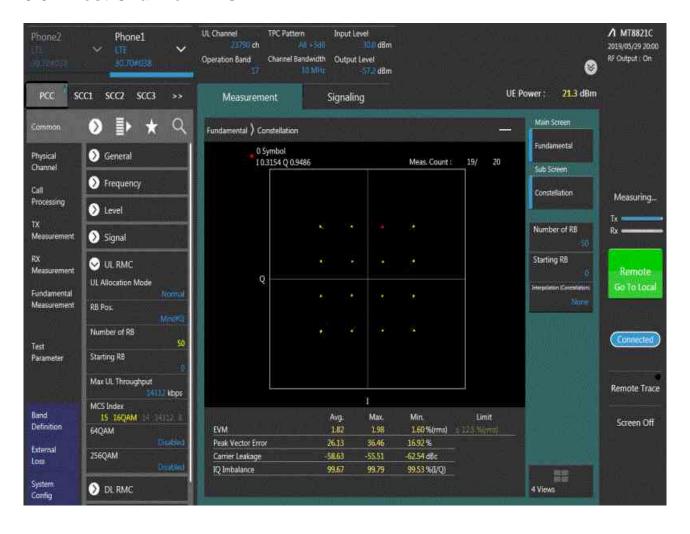




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3.3. Test Mode = LTE /TM2 10MHz

3.3.1.Test Channel = MCH





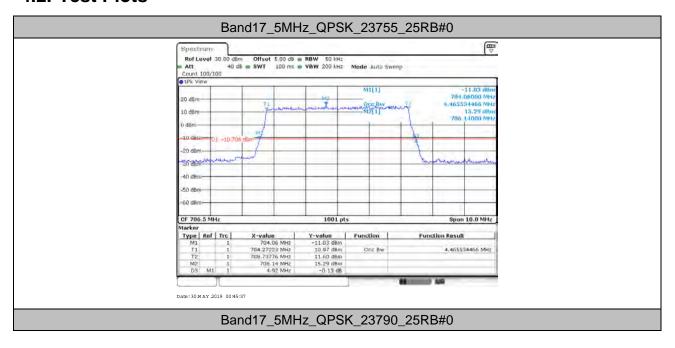
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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

BAND	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.466	4.920	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.486	4.950	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.486	4.950	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.476	4.970	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.476	4.950	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.466	4.890	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.911	9.700	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.911	9.700	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.931	9.800	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.911	9.700	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.911	9.700	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.911	9.660	PASS

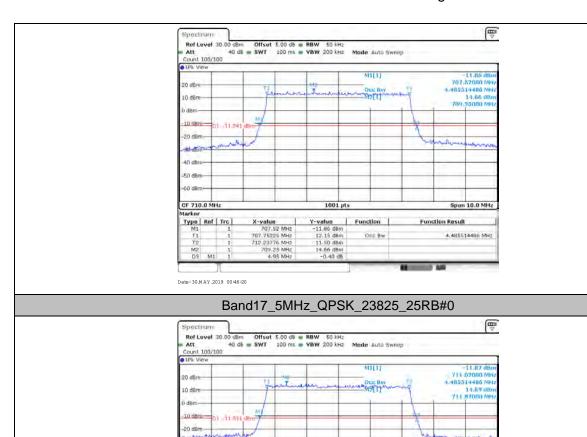
4.2. Test Plots





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Band17_5MHz_16QAM_23755_25RB#0

1001 pts

Function

Occ Bw



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Span 10.0 MHz

4,485514486 MHz

Function Result

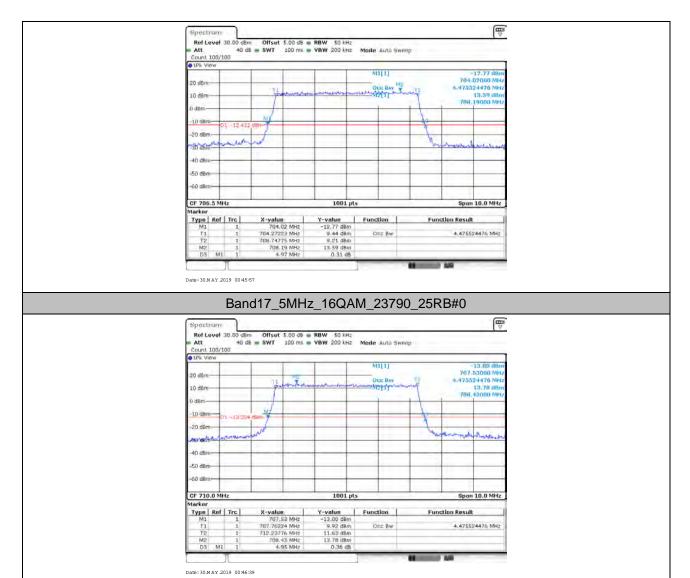
40 dBs -50 d8m -60 dBc

Type | Ref | Trc

Date: 30 M AY 2019 00:47:02

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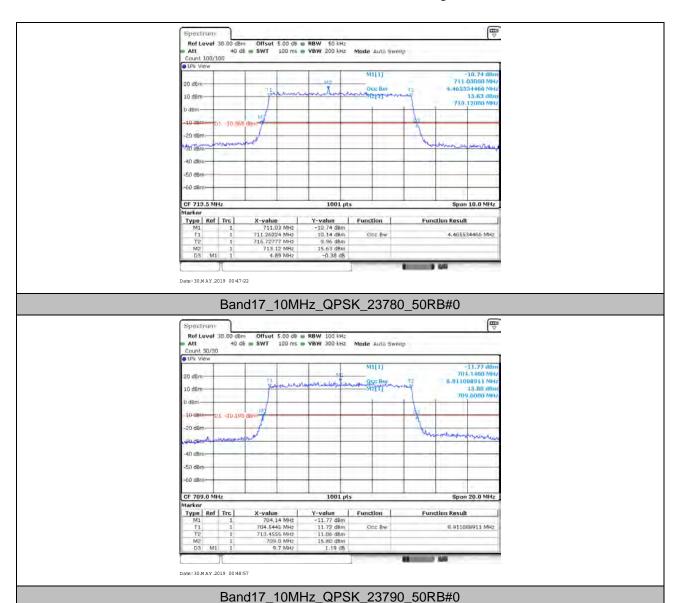


Band17_5MHz_16QAM_23825_25RB#0



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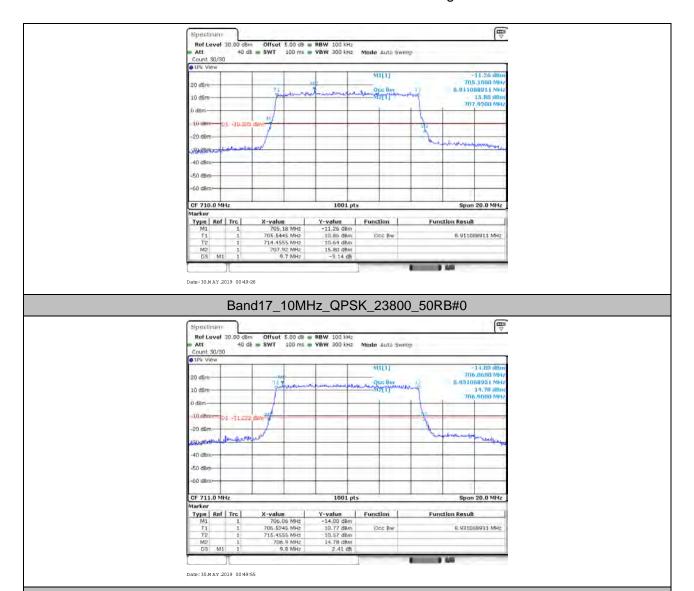
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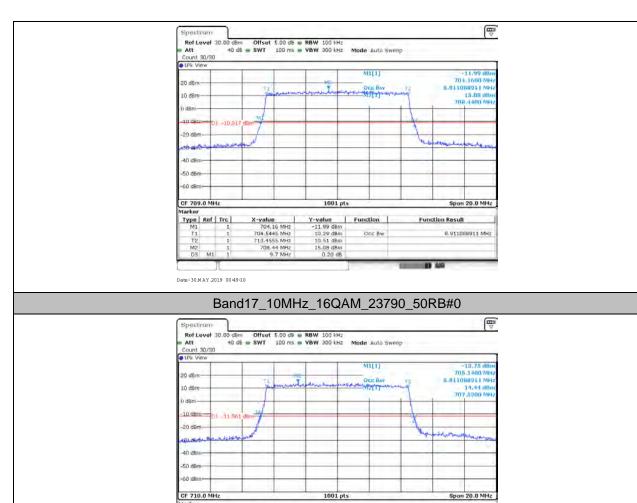


Band17_10MHz_16QAM_23780_50RB#0



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Band17_10MHz_16QAM_23800_50RB#0

Function

Occ Bw

Function Result

8:911088911 MHz

Type | Ref | Trc |

Date: 30 M AY 2019 00:49:39



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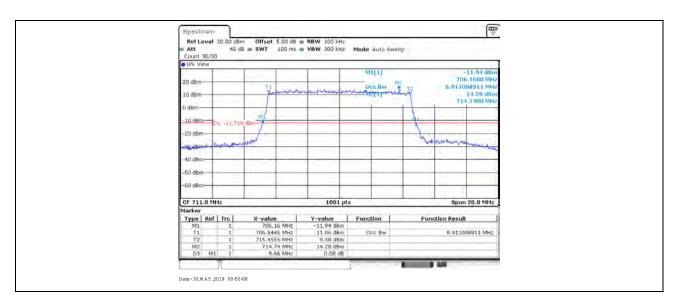
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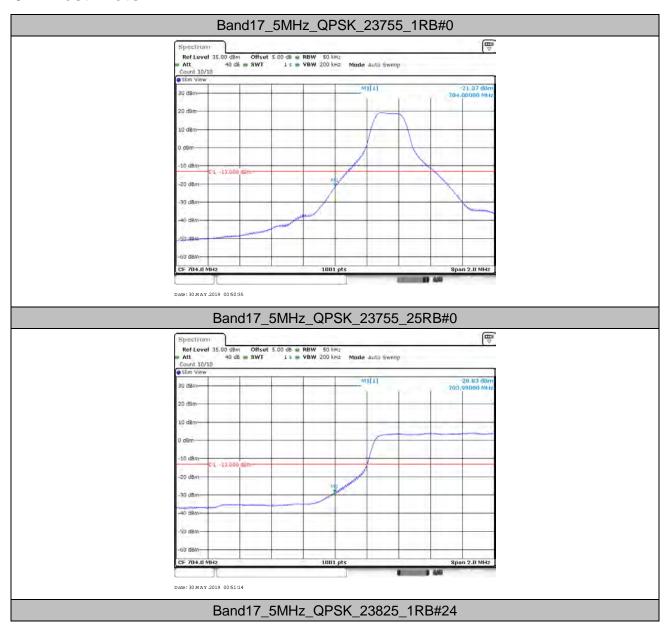




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5. Band Edge Compliance

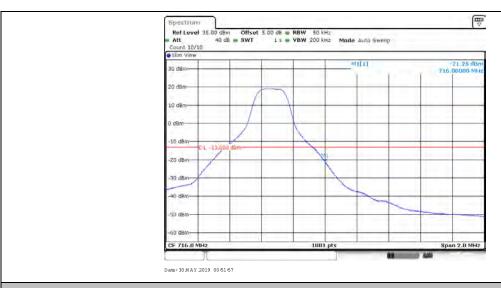
5.1. Test Plots





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Band17_5MHz_QPSK_23825_25RB#0



Band17_5MHz_16QAM_23755_1RB#0



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Band17_5MHz_16QAM_23755_25RB#0



Band17 5MHz 16QAM 23825 1RB#24



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Band17_5MHz_16QAM_23825_25RB#0



Band17 10MHz QPSK 23780 1RB#0



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Band17_10MHz_QPSK_23780_50RB#0



Band17 10MHz QPSK 23800 1RB#49



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Band17_10MHz_QPSK_23800_50RB#0



Band17 10MHz 16QAM 23780 1RB#0



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Band17_10MHz_16QAM_23780_50RB#0



Band17 10MHz 16QAM 23800 1RB#49



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Band17_10MHz_16QAM_23800_50RB#0





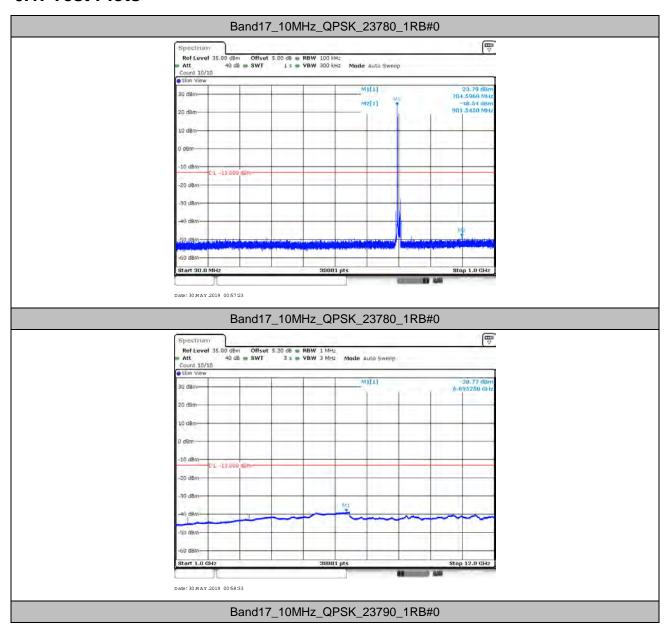
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k = 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

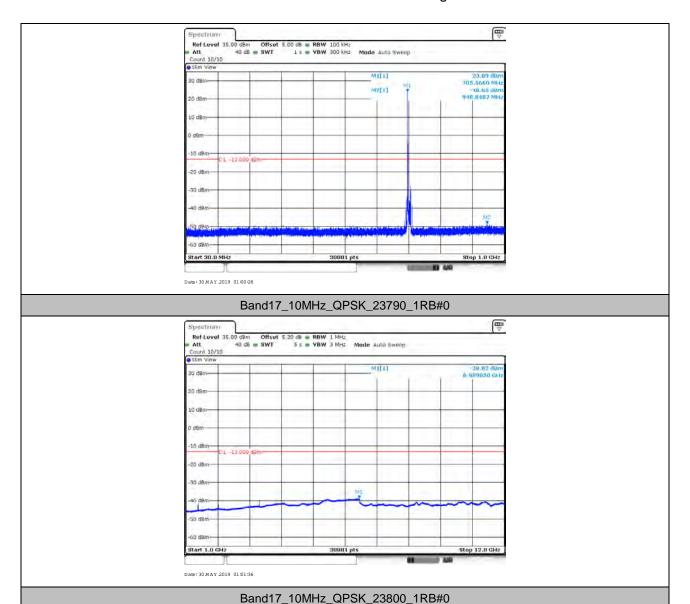
6.1. Test Plots





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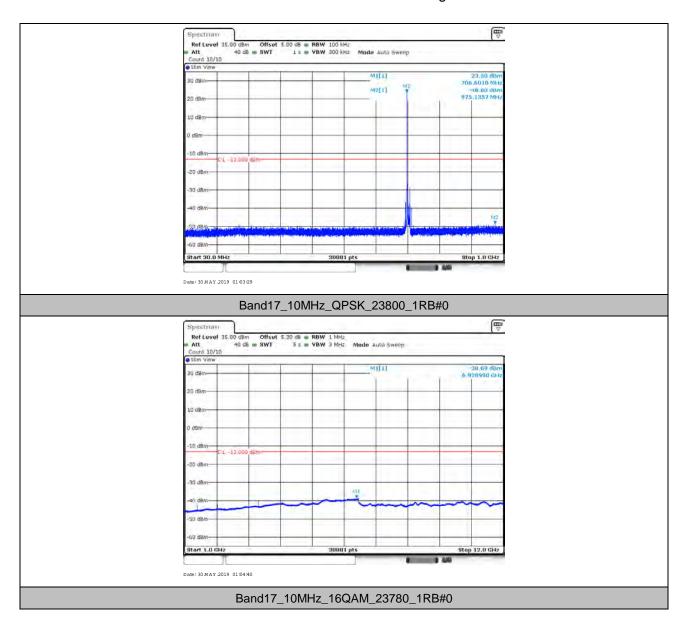
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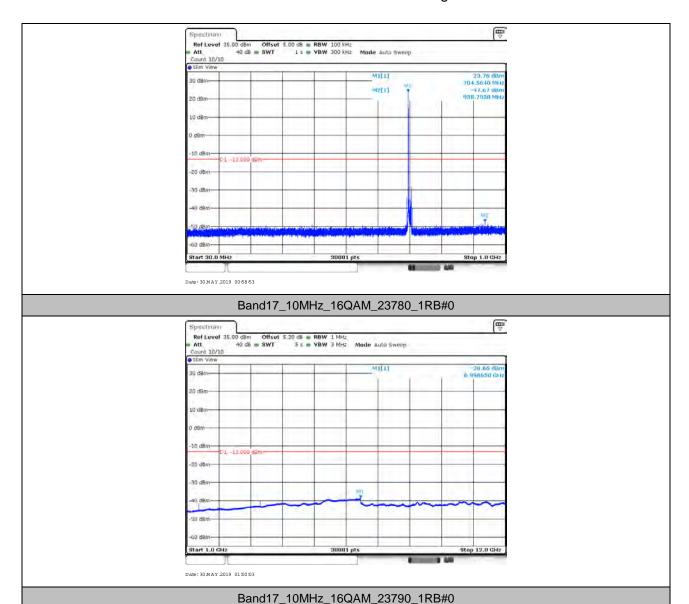
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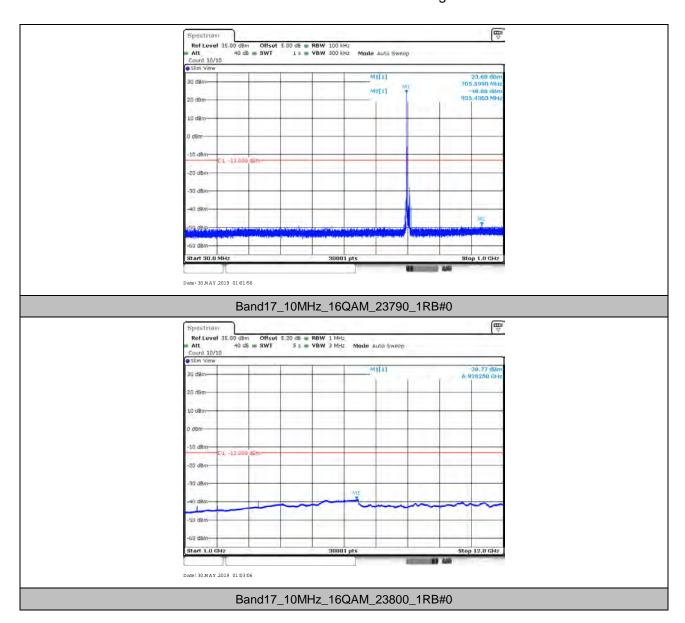
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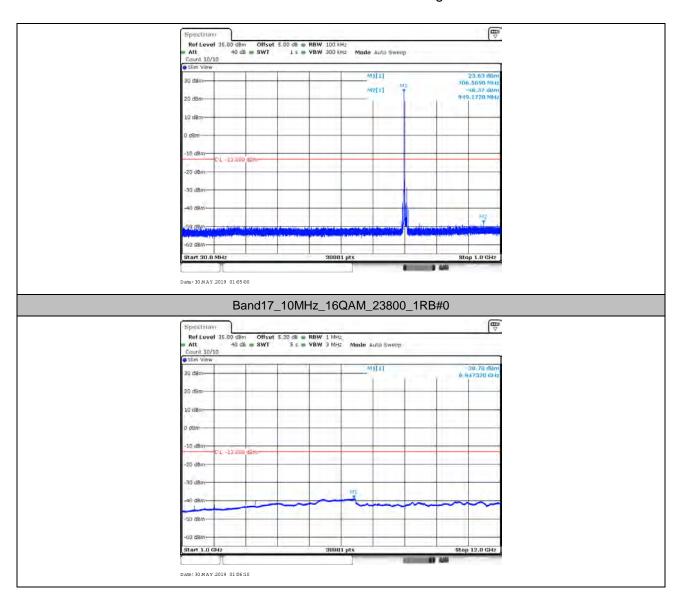






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7. Field Strength of Spurious Radiation

7.1. Test BAND = LTE Band 17

7.1.1.Test Mode =LTE/TM1 10MHz

7.1.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.833333	-80.46	-13.00	67.46	Vertical
104.246667	-77.66	-13.00	64.66	Vertical
1409.000000	-60.83	-13.00	47.83	Vertical
2114.000000	-58.44	-13.00	45.44	Vertical
3522.600000	-51.94	-13.00	38.94	Vertical
6060.037500	-63.88	-13.00	50.88	Vertical
62.153333	-76.42	-13.00	63.42	Horizontal
104.293333	-80.30	-13.00	67.30	Horizontal
1409.000000	-56.76	-13.00	43.76	Horizontal
2114.000000	-52.74	-13.00	39.74	Horizontal
2818.500000	-55.75	-13.00	42.75	Horizontal
3522.600000	-48.92	-13.00	35.92	Horizontal

7.1.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.973333	-80.66	-13.00	67.66	Vertical
104.246667	-78.83	-13.00	65.83	Vertical
1411.000000	-62.78	-13.00	49.78	Vertical
2117.000000	-60.01	-13.00	47.01	Vertical
3527.475000	-51.85	-13.00	38.85	Vertical
6019.087500	-64.34	-13.00	51.34	Vertical
62.433333	-76.78	-13.00	63.78	Horizontal
104.293333	-79.22	-13.00	66.22	Horizontal
1411.000000	-60.26	-13.00	47.26	Horizontal
2117.000000	-54.98	-13.00	41.98	Horizontal
2822.500000	-54.88	-13.00	41.88	Horizontal
3527.962500	-49.51	-13.00	36.51	Horizontal



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7.1.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
63.693333	-80.99	-13.00	67.99	Vertical
104.246667	-77.49	-13.00	64.49	Vertical
1413.000000	-63.04	-13.00	50.04	Vertical
2120.000000	-60.91	-13.00	47.91	Vertical
3532.837500	-53.98	-13.00	40.98	Vertical
6027.375000	-64.29	-13.00	51.29	Vertical
62.200000	-76.11	-13.00	63.11	Horizontal
104.293333	-79.70	-13.00	66.70	Horizontal
1413.000000	-63.36	-13.00	50.36	Horizontal
2120.000000	-58.09	-13.00	45.09	Horizontal
2826.500000	-55.70	-13.00	42.70	Horizontal
3532.837500	-50.16	-13.00	37.16	Horizontal

Remark:

The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

We have tested all modulation and all Bandwidth, but only the worst case data presented in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

				Vo	ltage					
BAND	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-1.30	-0.001834	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-2.00	-0.002821	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	1.20	0.001693	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-0.80	-0.001127	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-0.20	-0.000282	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-1.10	-0.001549	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-1.70	-0.002391	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-2.40	-0.003376	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-0.60	-0.000844	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-1.10	-0.001551	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-1.60	-0.002257	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	0.70	0.000987	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-0.90	-0.001268	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-1.90	-0.002676	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-1.10	-0.001549	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-2.50	-0.003516	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-2.10	-0.002954	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-2.40	-0.003376	±2.5	PASS

8.2. Frequency Vs Temperature

Temperatur	Temperature												
BAND	Bandwidth	Modulation	Channel	RB	Voltage	Temperature	Deviation	Deviation	Limit	Verdict			
DAND	Danuwiuin	iviodulation	Charine	Configure	[Vdc]	(°C)	(Hz)	(ppm)	(ppm)	verdict			
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	0.10	0.000141	±2.5	PASS			
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	0.00	0.000000	±2.5	PASS			
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-0.10	-0.000141	±2.5	PASS			
Band17	10MHz	QPSK	23780	50RB#0	NV	10	-1.40	-0.001975	±2.5	PASS			
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-0.90	-0.001269	±2.5	PASS			
Band17	10MHz	QPSK	23780	50RB#0	NV	30	-1.00	-0.001410	±2.5	PASS			
Band17	10MHz	QPSK	23780	50RB#0	NV	40	-2.50	-0.003526	±2.5	PASS			
Band17	10MHz	QPSK	23780	50RB#0	NV	50	-0.10	-0.000141	±2.5	PASS			





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Band17 10MHz QPSK 23790 50RB#0 NV -20 -0.90 -0.001261 ±2.5 PASS	Dond17	101/14	OBSK	22700	E0DD#0	NIV/	20	0.10	0.000144	12.5	DACC
Band17											
Band17											
Band17			·								
Band17		-									
Band17											
Band17											
Band17											
Band17 10MHz QPSK 23800 50RB#0 NV -20 -0.80 -0.001125 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 0 0.00 0.000000 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 10 -2.00 -0.002813 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 20 -2.20 -0.003994 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.00394 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.00394 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 50 -0.30 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 0											
Band17 10MHz QPSK 23800 50RB#0 NV 0 0.00 0.000000 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 10 -2.00 -0.002813 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 20 -2.20 -0.00394 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.00394 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.00394 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 50 -0.30 -0.000422 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -30 -2.00 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10											-
Band17 10MHz QPSK 23800 50RB#0 NV 10 -2.00 -0.002813 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 20 -2.20 -0.003094 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.003094 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -30 -2.00 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -20 1.00 0.001410 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 0 -1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10	Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-0.80	-0.001125	±2.5	PASS
Band17 10MHz QPSK 23800 50RB#0 NV 20 -2.20 -0.003094 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 30 -2.40 -0.00376 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.003094 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 50 -0.30 -0.000422 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -30 -2.00 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 0 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 30<	Band17	10MHz	QPSK	23800	50RB#0	NV	0	0.00	0.000000	±2.5	PASS
Band17 10MHz QPSK 23800 50RB#0 NV 30 -2.40 -0.003376 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.00394 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 50 -0.30 -0.00422 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -30 -2.00 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -20 1.00 0.001410 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 30	Band17	10MHz	QPSK	23800	50RB#0	NV	10	-2.00	-0.002813	±2.5	PASS
Band17 10MHz QPSK 23800 50RB#0 NV 40 -2.20 -0.003094 ±2.5 PASS Band17 10MHz QPSK 23800 50RB#0 NV 50 -0.30 -0.000422 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -30 -2.00 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -20 1.00 0.001410 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 0 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 4	Band17	10MHz	QPSK	23800	50RB#0	NV	20	-2.20	-0.003094	±2.5	PASS
Band17 10MHz QPSK 23800 50RB#0 NV 50 -0.30 -0.00422 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -30 -2.00 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -20 1.00 0.001410 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 0 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 5	Band17	10MHz	QPSK	23800	50RB#0	NV	30	-2.40	-0.003376	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV -30 -2.00 -0.002821 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV -20 1.00 0.001410 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 0 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 30 0.10 0.000141 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 5	Band17	10MHz	QPSK	23800	50RB#0	NV	40	-2.20	-0.003094	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV -20 1.00 0.001410 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 0 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 30 0.10 0.000141 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 50 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -3	Band17	10MHz	QPSK	23800	50RB#0	NV	50	-0.30	-0.000422	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV 0 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 30 0.10 0.000141 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 50 -0.70 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 0<	Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-2.00	-0.002821	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV 10 1.10 0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 50 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -30 -1.20 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV <t< td=""><td>Band17</td><td>10MHz</td><td>16QAM</td><td>23780</td><td>50RB#0</td><td>NV</td><td>-20</td><td>1.00</td><td>0.001410</td><td>±2.5</td><td>PASS</td></t<>	Band17	10MHz	16QAM	23780	50RB#0	NV	-20	1.00	0.001410	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV 20 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 30 0.10 0.000141 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 50 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -30 -1.20 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 0 0.60 0.000845 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 2	Band17	10MHz	16QAM	23780	50RB#0	NV	0	-1.10	-0.001551	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV 30 0.10 0.000141 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 50 -0.70 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -30 -1.20 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 0 0.60 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 10 0.30 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 30<	Band17	10MHz	16QAM	23780	50RB#0	NV	10	1.10	0.001551	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV 40 -1.10 -0.001551 ±2.5 PASS Band17 10MHz 16QAM 23780 50RB#0 NV 50 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -30 -1.20 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 0 0.60 0.000845 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 10 0.30 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 20 -0.90 -0.001268 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 3	Band17	10MHz	16QAM	23780	50RB#0	NV	20	-0.70	-0.000987	±2.5	PASS
Band17 10MHz 16QAM 23780 50RB#0 NV 50 -0.70 -0.000987 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -30 -1.20 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 0 0.60 0.000845 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 10 0.30 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 20 -0.90 -0.001268 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 30 -0.40 -0.00563 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40	Band17	10MHz	16QAM	23780	50RB#0	NV	30	0.10	0.000141	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV -30 -1.20 -0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 0 0.60 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 10 0.30 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 20 -0.90 -0.001268 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 30 -0.40 -0.000563 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30	Band17	10MHz	16QAM	23780	50RB#0	NV	40	-1.10	-0.001551	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV -20 1.20 0.001690 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 0 0.60 0.000845 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 10 0.30 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 20 -0.90 -0.001268 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 30 -0.40 -0.000563 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 50 0.20 0.000282 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30 <td>Band17</td> <td>10MHz</td> <td>16QAM</td> <td>23780</td> <td>50RB#0</td> <td>NV</td> <td>50</td> <td>-0.70</td> <td>-0.000987</td> <td>±2.5</td> <td>PASS</td>	Band17	10MHz	16QAM	23780	50RB#0	NV	50	-0.70	-0.000987	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV 0 0.60 0.000845 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 10 0.30 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 20 -0.90 -0.001268 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 30 -0.40 -0.000563 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 50 0.20 0.000282 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30 0.00 0.000200 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -20 <td>Band17</td> <td>10MHz</td> <td>16QAM</td> <td>23790</td> <td>50RB#0</td> <td>NV</td> <td>-30</td> <td>-1.20</td> <td>-0.001690</td> <td>±2.5</td> <td>PASS</td>	Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-1.20	-0.001690	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV 10 0.30 0.000423 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 20 -0.90 -0.001268 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 50 0.20 0.000282 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30 0.00 0.000200 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -20 -1.70 -0.002391 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 <td>Band17</td> <td>10MHz</td> <td>16QAM</td> <td>23790</td> <td>50RB#0</td> <td>NV</td> <td>-20</td> <td>1.20</td> <td>0.001690</td> <td>±2.5</td> <td>PASS</td>	Band17	10MHz	16QAM	23790	50RB#0	NV	-20	1.20	0.001690	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV 20 -0.90 -0.001268 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 30 -0.40 -0.000563 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 50 0.20 0.000282 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30 0.00 0.000000 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -20 -1.70 -0.002391 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0	Band17	10MHz	16QAM	23790	50RB#0	NV	0	0.60	0.000845	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV 30 -0.40 -0.000563 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 50 0.20 0.000282 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30 0.00 0.000000 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -20 -1.70 -0.002391 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS	Band17	10MHz	16QAM	23790	50RB#0	NV	10	0.30	0.000423	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV 40 0.50 0.000704 ±2.5 PASS Band17 10MHz 16QAM 23790 50RB#0 NV 50 0.20 0.000282 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30 0.00 0.000000 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -20 -1.70 -0.002391 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 10 0.20 0.000281 ±2.5 PASS	Band17	10MHz	16QAM	23790	50RB#0	NV	20	-0.90	-0.001268	±2.5	PASS
Band17 10MHz 16QAM 23790 50RB#0 NV 50 0.20 0.000282 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -30 0.00 0.000000 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -20 -1.70 -0.002391 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 10 0.20 0.000281 ±2.5 PASS	Band17	10MHz	16QAM	23790	50RB#0	NV	30	-0.40	-0.000563	±2.5	PASS
Band17 10MHz 16QAM 23800 50RB#0 NV -30 0.00 0.000000 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV -20 -1.70 -0.002391 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 10 0.20 0.000281 ±2.5 PASS	Band17	10MHz	16QAM	23790	50RB#0	NV	40	0.50	0.000704	±2.5	PASS
Band17 10MHz 16QAM 23800 50RB#0 NV -20 -1.70 -0.002391 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 10 0.20 0.000281 ±2.5 PASS	Band17	10MHz	16QAM	23790	50RB#0	NV	50	0.20	0.000282	±2.5	PASS
Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 10 0.20 0.000281 ±2.5 PASS	Band17	10MHz	16QAM	23800	50RB#0	NV	-30	0.00	0.000000	±2.5	PASS
Band17 10MHz 16QAM 23800 50RB#0 NV 0 -2.20 -0.003094 ±2.5 PASS Band17 10MHz 16QAM 23800 50RB#0 NV 10 0.20 0.000281 ±2.5 PASS	Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-1.70	-0.002391	±2.5	PASS
Band17 10MHz 16QAM 23800 50RB#0 NV 10 0.20 0.000281 ±2.5 PASS	Band17	10MHz	16QAM	23800	50RB#0	NV	0	-2.20		±2.5	PASS
							10				
		10MHz	16QAM	23800		NV	20	-1.40		±2.5	PASS
Band17							30	-0.60		±2.5	



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Band17	10MHz	16QAM	23800	50RB#0	NV	40	-0.50	-0.000703	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	50	-1.20	-0.001688	±2.5	PASS

The End

