



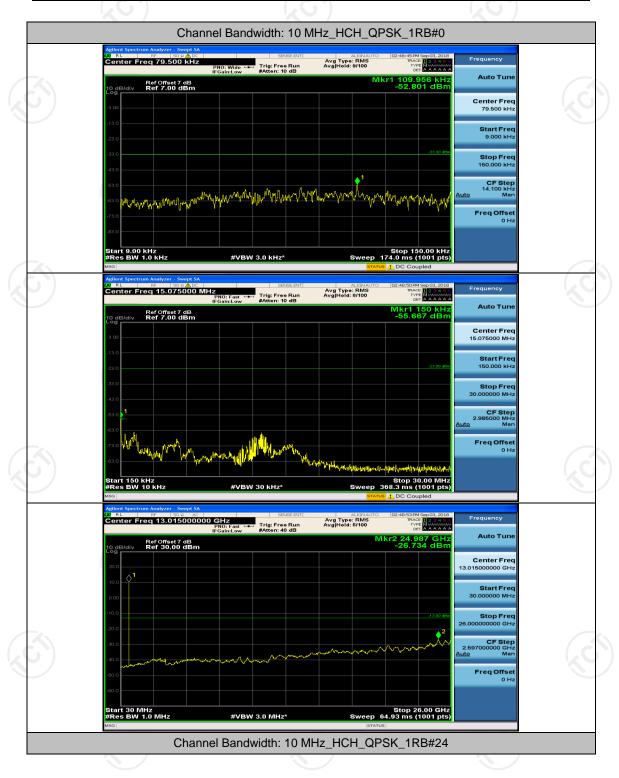




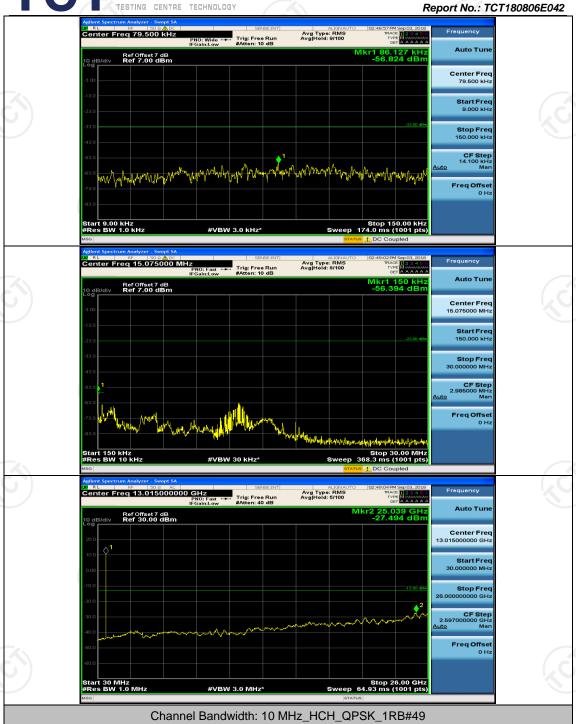


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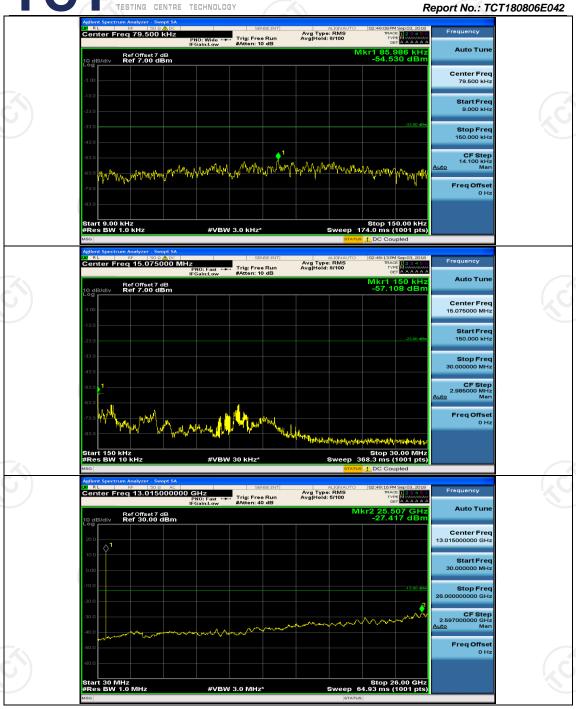
Tel: 86-755-27673339



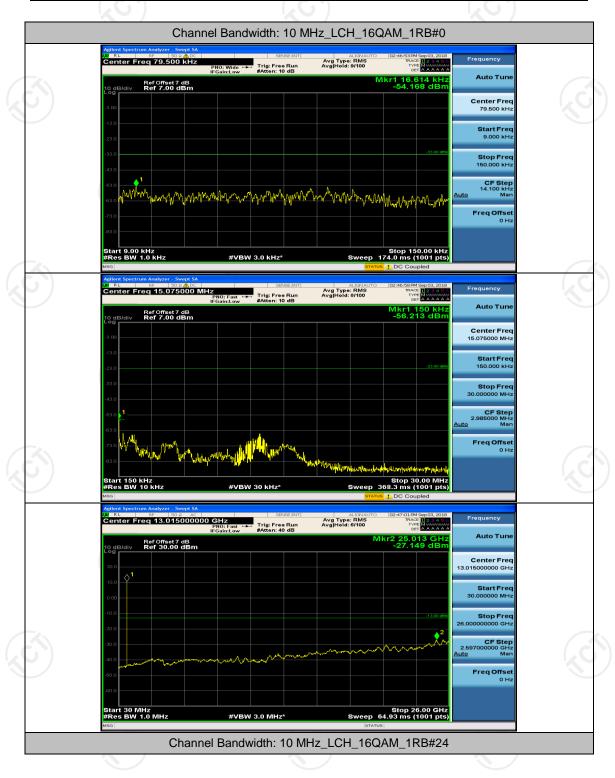






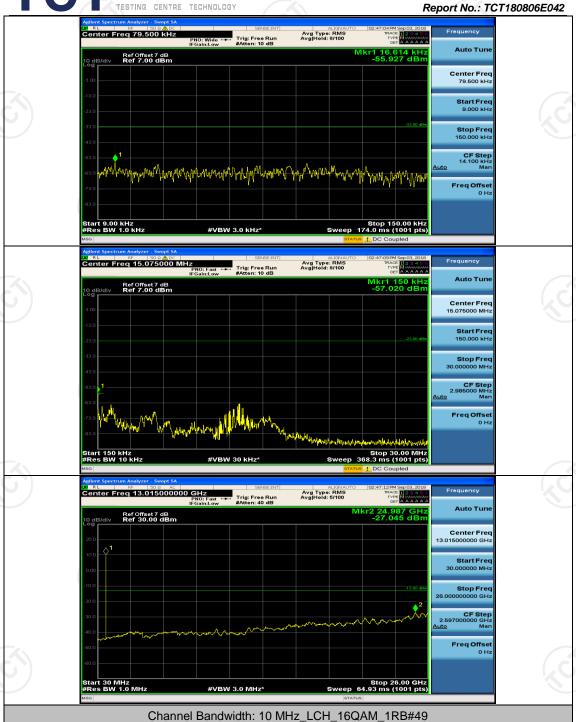




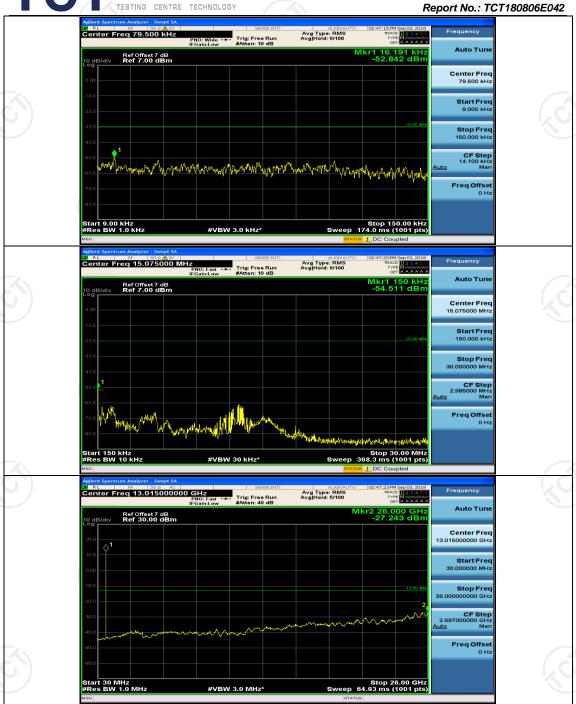


Fax: 86-755-27673332

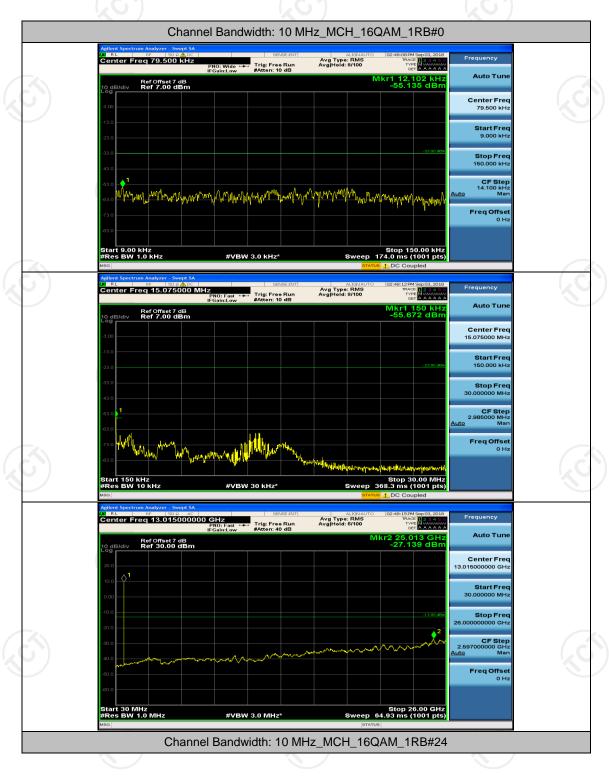




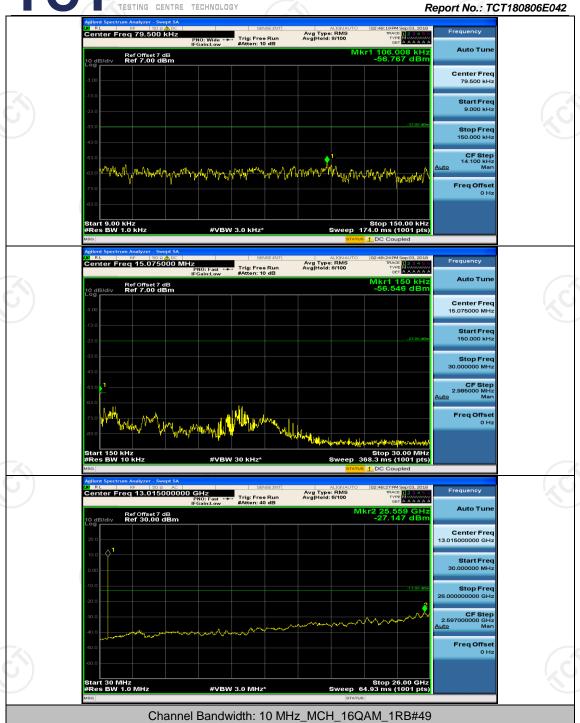








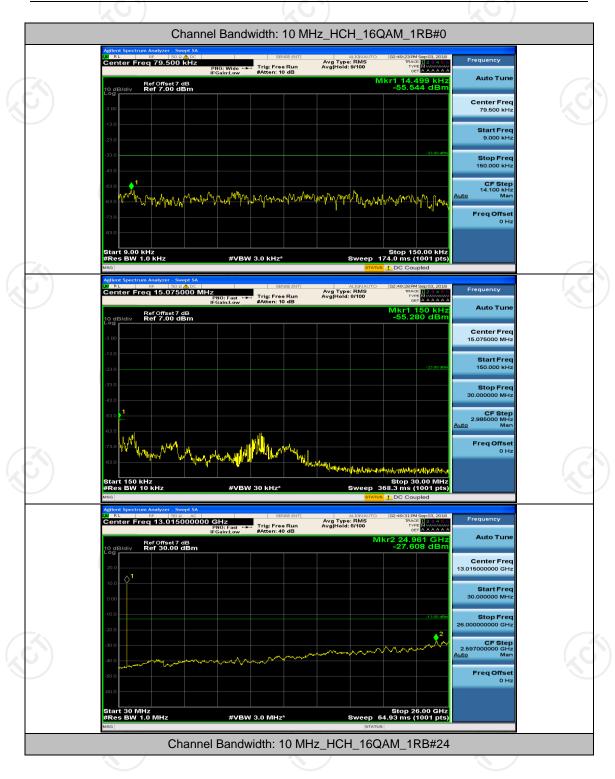




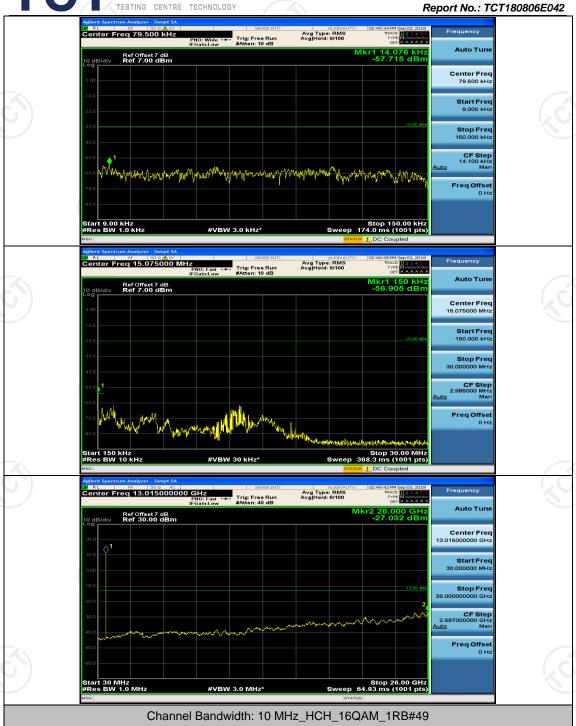




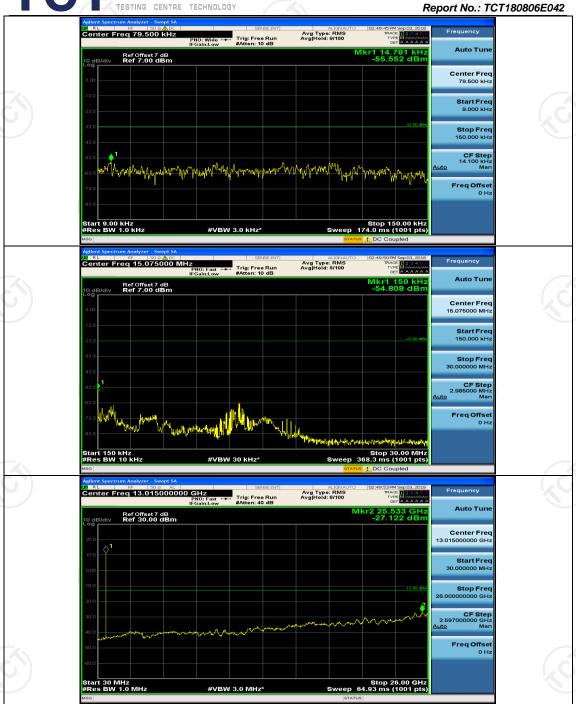














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Appendix F: Frequency Stability

Test Result

Channel Bandwidth: 5 MHz

			Channel Ban	dwidth: 5 MHz		
			Vol	tage	No.	
Modulation	Channel	Voltage [Vdc]	Temperature $(^{\mathbb{C}})$	Deviation (ppm)	Limit (ppm)	Verdict
-/.		10.5	25	-0.000020	± 2.5	PASS
	LCH	24	25	0.000404	± 2.5	PASS
		32	25	0.000710	± 2.5	PASS
		10.5	25	0.001007	± 2.5	PASS
QPSK	MCH	24	25	0.001551	± 2.5	PASS
		32	25	0.000773	± 2.5	PASS
		10.5	25	0.000501	± 2.5	PASS
	HCH	24	25	0.000523	± 2.5	PASS
		32	25	0.000259	± 2.5	PASS
		10.5	25	-0.001316	± 2.5	PASS
	LCH	24	25	0.000161	± 2.5	PASS
		32	25	0.001183	± 2.5	PASS
		10.5	25	0.000584	± 2.5	PASS
16QAM	MCH	24	25	-0.000302	± 2.5	PASS
		32	25	0.001033	± 2.5	PASS
		10.5	25	0.001283	± 2.5	PASS
	HCH	24	25	-0.000020	± 2.5	PASS
	(O)	32	25	-0.000267	± 2.5	PASS
			Tempe	erature		
Modulation	Channe I	Voltage [Vdc]	Temperature $(^{\circ}\!$	Deviation (ppm)	Limit (ppm)	Verdict
		24	-30	-0.000911	± 2.5	PASS
		24	-20	-0.000628	± 2.5	PASS
		24	-10	-0.001620	± 2.5	PASS
		24	0	-0.000628	± 2.5	PASS
	LCH	24	10	0.001412	± 2.5	PASS
		24	20	0.000948	± 2.5	PASS
	(C)	24	30	0.000747	± 2.5	PASS
ODOK		24	40	0.000040	± 2.5	PASS
QPSK		24	50	0.000668	± 2.5	PASS
		24	-30	0.000383	± 2.5	PASS
		24	-20	0.000181	± 2.5	PASS
		24	-10	0.001733	± 2.5	PASS
	MCH	24	0	0.000604	± 2.5	PASS
		24	10	0.000484	± 2.5	PASS
		24	20	0.002116	± 2.5	PASS
		24	30	0.000322	± 2.5	PASS

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	TESTIN	O OLIVIAL	TECHNOLOGY	Keport	NO 10110	80806E042
	XO)	24	40	0.000242	± 2.5	PASS
		24	50	0.001431	± 2.5	PASS
		24	-30	0.001183	± 2.5	PASS
		24	-20	0.001043	± 2.5	PASS
		24	-10	0.000401	± 2.5	PASS
		24	0	0.001243	± 2.5	PASS
	HCH	24	10	0.000402	± 2.5	PASS
		24	20	-0.000966	± 2.5	PASS
		24	30	-0.000483	± 2.5	PASS
		24	40	-0.000302	± 2.5	PASS
	(C)	24	50	-0.000080	± 2.5	PASS
		24	-30	0.00000	± 2.5	PASS
		24	-20	-0.000992	± 2.5	PASS
		24	-10	-0.001154	± 2.5	PASS
		24	0	-0.000628	± 2.5	PASS
	LCH	24	10	0.000484	± 2.5	PASS
		24	20	0.000625	± 2.5	PASS
		24	30	0.001634	± 2.5	PASS
		24	40	-0.000040	± 2.5	PASS
		24	50	-0.000486	± 2.5	PASS
	(O)	24	-30	0.000665	± 2.5	PASS
		24	-20	0.000866	± 2.5	PASS
		24	-10	0.002136	± 2.5	PASS
		24	0	0.002196	± 2.5	PASS
16QAM	MCH	24	10	0.000846	± 2.5	PASS
		24	20	-0.000060	± 2.5	PASS
		24	30	0.00000	± 2.5	PASS
,		24	40	0.000121	± 2.5	PASS
		24	50	0.000515	± 2.5	PASS
		24	-30	0.001183	± 2.5	PASS
	(C)	24	-20	-0.000100	± 2.5	PASS
		24	-10	0.000321	± 2.5	PASS
		24	0	0.001103	± 2.5	PASS
	HCH	24	10	-0.000463	± 2.5	PASS
		24	20	-0.000966	± 2.5	PASS
		24	30	-0.000845	± 2.5	PASS
		24	40	0.000101	± 2.5	PASS
		24	50	0.000240	± 2.5	PASS

Note: All bandwidth and modulation are tested, only the worst result is reported.

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Appendix G :Field Strength of Spurious Radiation Measurement Test Result

Bandwidth:	5M		Test channel:	Lowest	
Modulation:	QPSI	 K	Temperature :	23~24°C	
RB #:	1RB #0		Relative Humidity:	46~48%	
Note:	Spurious emissions w	rithin 30-1000MHz	were found more than	20dB below limit	
Fraguency (NAUz)	Spurious E	mission	Limit (dBm)	Result	
Frequency (MHz)	Polarization	Level (dBm)	Lilliit (UBIII)		
1413.0	Vertical	-32.17			
2119.5	V	-44.35			
(6)-	V	-		DACE C	
1413.0	Horizontal	-31.40	-13.00	PASS	
2119.5	Н	-43.87			
-	Н	-			
Bandwidth:	5M		Test channel:	Middle	
Modulation:	QPSI	K	Temperature :	23~24°C	
RB #:	1RB #	ŧ0	Relative Humidity:	46~48%	
Note:	line.		were found more than	200B below lifflit	
Frequency (MHz)	Spurious E	mission Level (dBm)	Limit (dBm)	Result	
1420.0	Vertical	-30.50			
2130.0	V	-43.26			
- (V		-13.00		
4.420.0		/ <u>-</u>			
1420.0	Horizontal	-31.54	-13.00	PASS	
	Horizontal H		-13.00	PASS	
2130.0		-31.54	-13.00	PASS	
	Н	-31.54 -42.37	-13.00 Test channel:		
2130.0 - Bandwidth:	H H 5M	-31.54 -42.37 -	Test channel:	Highest	
2130.0 - Bandwidth: Modulation:	H H 5M QPSI	-31.54 -42.37 -	Test channel: Temperature :	Highest 23~24°C	
2130.0 - Bandwidth:	H H 5M QPSI	-31.54 -42.37 - K	Test channel:	Highest 23~24°C 46~48%	
2130.0 - Bandwidth: Modulation: RB #: Note:	H H 5M QPSI 1RB # Spurious emissions w	-31.54 -42.37 - K #0 vithin 30-1000MHz	Test channel: Temperature: Relative Humidity: were found more than	Highest 23~24°C 46~48% 20dB below limit	
2130.0 - Bandwidth: Modulation: RB #:	H H 5M QPSI 1RB # Spurious emissions w line.	-31.54 -42.37 - K #0 vithin 30-1000MHz	Test channel: Temperature: Relative Humidity:	Highest 23~24°C 46~48%	
2130.0 - Bandwidth: Modulation: RB #: Note:	H H 5M QPSI 1RB # Spurious emissions w line. Spurious E	-31.54 -42.37 - K #0 vithin 30-1000MHz	Test channel: Temperature: Relative Humidity: were found more than	Highest 23~24°C 46~48% 20dB below limit	
2130.0 Bandwidth: Modulation: RB #: Note: Frequency (MHz)	H H 5M QPSI 1RB # Spurious emissions w line. Spurious El Polarization	-31.54 -42.37 - K #0 vithin 30-1000MHz mission Level (dBm)	Test channel: Temperature: Relative Humidity: were found more than	Highest 23~24°C 46~48% 20dB below limit	
2130.0	H H SM QPS 1RB # Spurious emissions w line. Spurious En Polarization Vertical	-31.54 -42.37 - K 60 vithin 30-1000MHz mission Level (dBm) -31.18	Test channel: Temperature: Relative Humidity: were found more than Limit (dBm)	Highest 23~24°C 46~48% 20dB below limit Result	
2130.0	H H SM QPSI 1RB # Spurious emissions w line. Spurious En Polarization Vertical V	-31.54 -42.37 - K 60 vithin 30-1000MHz mission Level (dBm) -31.18	Test channel: Temperature: Relative Humidity: were found more than	Highest 23~24°C 46~48% 20dB below limit	
2130.0 - Bandwidth: Modulation: RB #: Note: Frequency (MHz) 1427.0 2140.5	H H SM QPSI 1RB # Spurious emissions w line. Spurious En Polarization Vertical V V	-31.54 -42.37 - K FO within 30-1000MHz mission Level (dBm) -31.18 -42.95 -	Test channel: Temperature: Relative Humidity: were found more than Limit (dBm)	Highest 23~24°C 46~48% 20dB below limit Result	



Report No.: TCT180806E042 **Bandwidth: 5M** Test channel: Lowest Modulation: **16QAM** Temperature: 23~24°C **Relative Humidity: RB#:** 1RB #0 46~48% Spurious emissions within 30-1000MHz were found more than 20dB below limit Note: line. **Spurious Emission** Limit (dBm) Frequency (MHz) Result Polarization Level (dBm) 1413.0 Vertical -31.91 2119.5 ٧ -45.37 ٧ -13.00 **PASS** 1413.0 Horizontal -32.35 2119.5 Н -46.10 Н **5M** Middle **Bandwidth:** Test channel: **Modulation: 16QAM** 23~24°C Temperature: RB #: 1RB #0 **Relative Humidity:** 46~48%

KD#;	IKD	#0	Relative numidity:	40 46%	
Note:	Spurious emissions within 30-1000MHz were found more than 20dB below line.				
Fragues au (NALIE)	Spurious	Emission	Linnit (dDmn)	Docul+	
Frequency (MHz)	Polarization	Level (dBm)	Limit (dBm)	Result	
1420.0	Vertical	-30.55			
2130.0	V	-42.72	(c)		
	V	-	12.00	PASS	
1420.0	Horizontal	-31.45	-13.00		
2130.0	Н	-43.61			
	· .				
- (H	(-1)			
- Bandwidth:	H 51		Test channel:	Highest	
Bandwidth: Modulation:			Test channel: Temperature :	Highest 23~24°C	
	51	AM			
Modulation:	16Q 1RB Spurious emissions	AM #0	Temperature : Relative Humidity:	23~24°C	
Modulation: RB #:	16Q 1RB Spurious emissions line.	AM #0 within 30-1000MHz	Temperature : Relative Humidity:	23~24°C 46~48%	
Modulation: RB #: Note:	16Q 1RB Spurious emissions	AM #0 within 30-1000MHz	Temperature : Relative Humidity: were found more th	23~24°C 46~48% an 20dB below limit	
Modulation: RB #:	16Q 1RB Spurious emissions line.	AM #0 within 30-1000MHz	Temperature : Relative Humidity:	23~24°C 46~48%	
Modulation: RB #: Note:	16Q 1RB Spurious emissions line. Spurious	#0 within 30-1000MHz Emission	Temperature : Relative Humidity: were found more th	23~24°C 46~48% an 20dB below limit	

Note: All bandwidth and modulation are tested, only the worst result is reported.

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Horizontal

Н

1427.0

2140.5

-30.36

-42.78

-13.00

PASS