

Appendix for SHCR2307001410AT-LTE&NR-2496MHz-2690MHz

1. Out of band rejection

1.1 Band41

1.1.1 Test Result

Band: 41 / NTNV							
Signal	Sweep Frequency Range (MHz)	TX Type	ANT	F0 (MHz)	FL (MHz)	FH (MHz)	Verdict
CW	2108 - 3078	SISO	1	2662.840	2492.120	2694.850	Pass



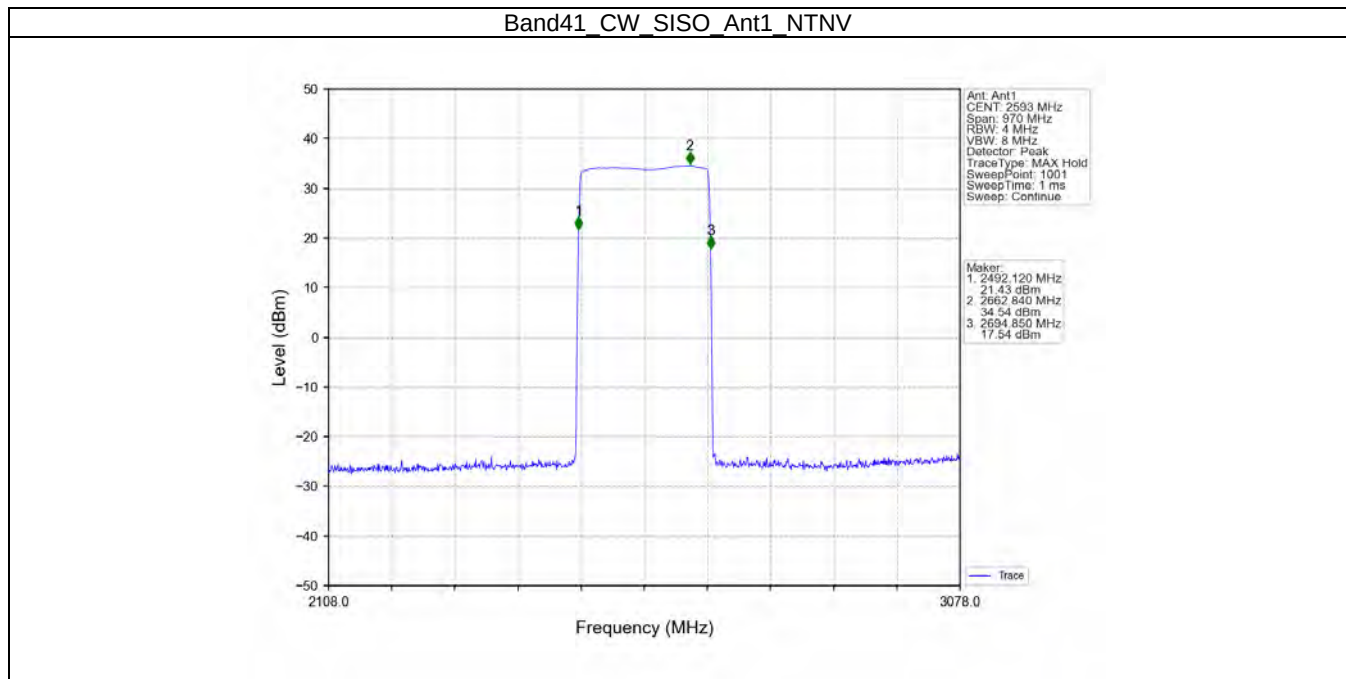
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1.1.2 Test Graph



2. AGC threshold

2.1 Band41

2.1.1 Test Result

Band: 41 / NTNV					
Signal	Frequency (MHz)	TX Type	ANT	AGC Threshold (dBm)	Verdict
AWGN	2662.84	SISO	1	-0.1	Pass
GMSK	2662.84	SISO	1	-0.1	Pass



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3. Input-versus-output signal comparison

3.1 Band41_OBW

3.1.1 Test Result

For LTE

Band: 41 / NTV							
Signal			TX Type	ANT	99% OBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	-0.1	2662.84	SISO	1	4.558	4.531	Pass
	2.9	2662.84	SISO	1	4.557	4.536	Pass
GMSK	-0.1	2662.84	SISO	1	0.243	0.245	Pass
	2.9	2662.84	SISO	1	0.245	0.244	Pass

For NR

Band: 41 / NTV							
Signal			TX Type	ANT	99% OBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	-0.1	2593	SISO	1	95.990	96.119	Pass
	2.9	2593	SISO	1	96.013	95.954	Pass



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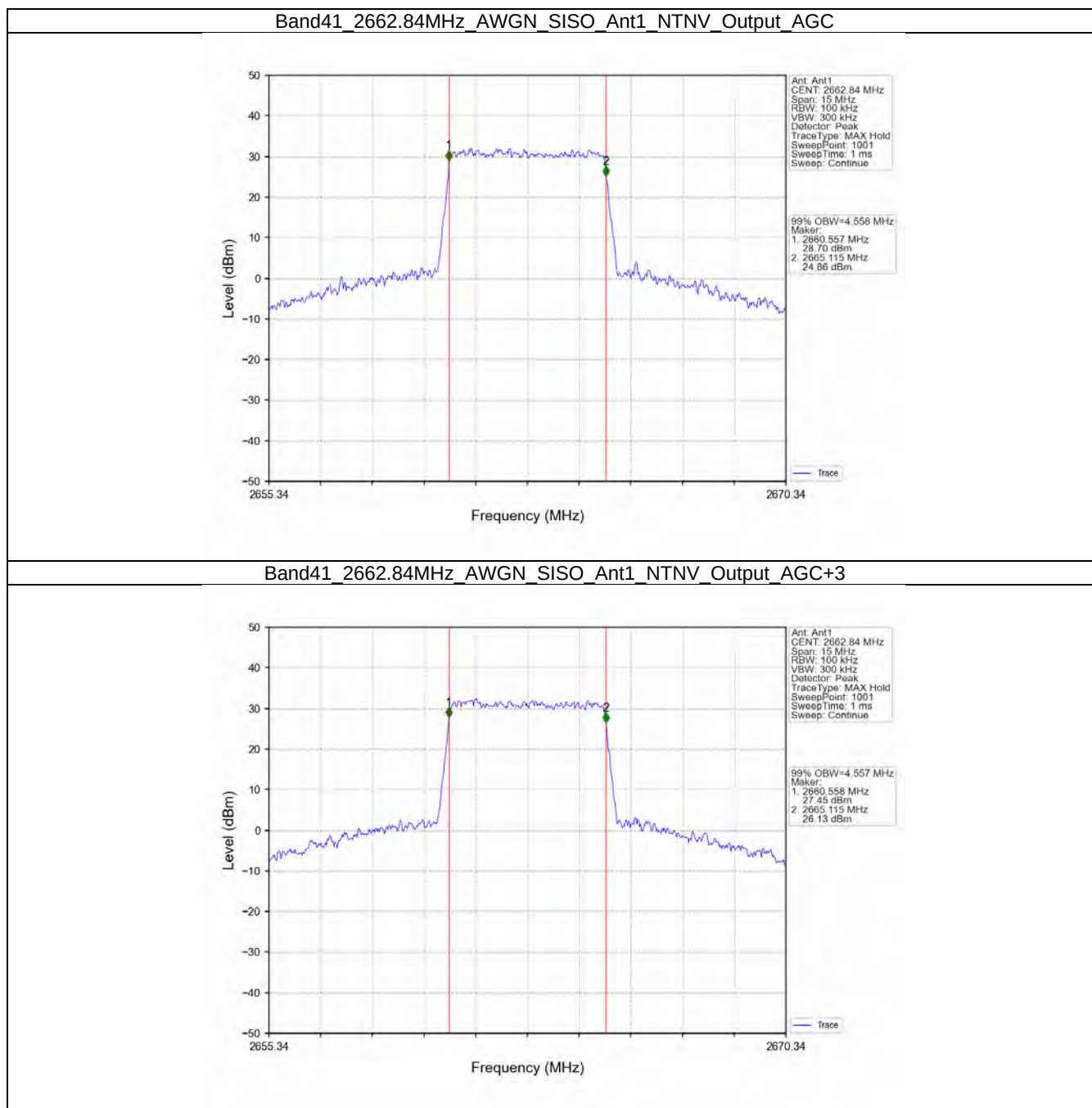
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3.1.2 Test Graph

For LTE



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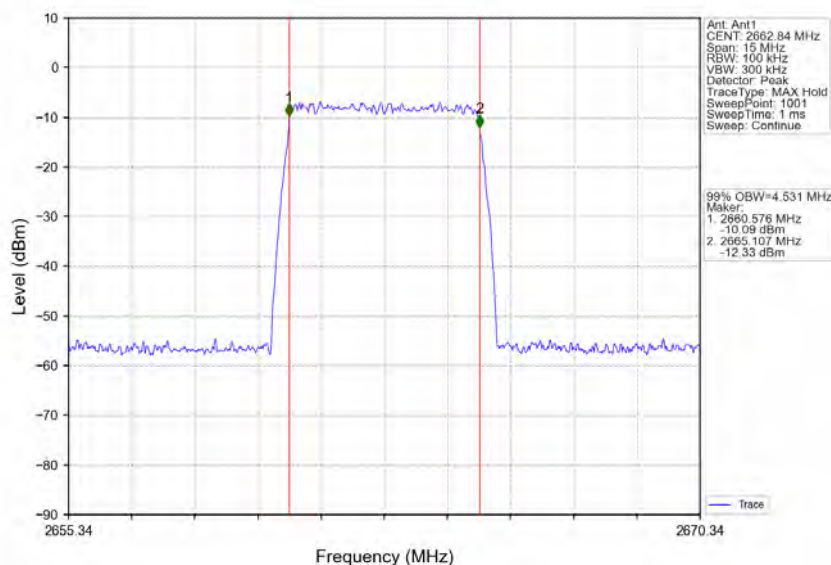
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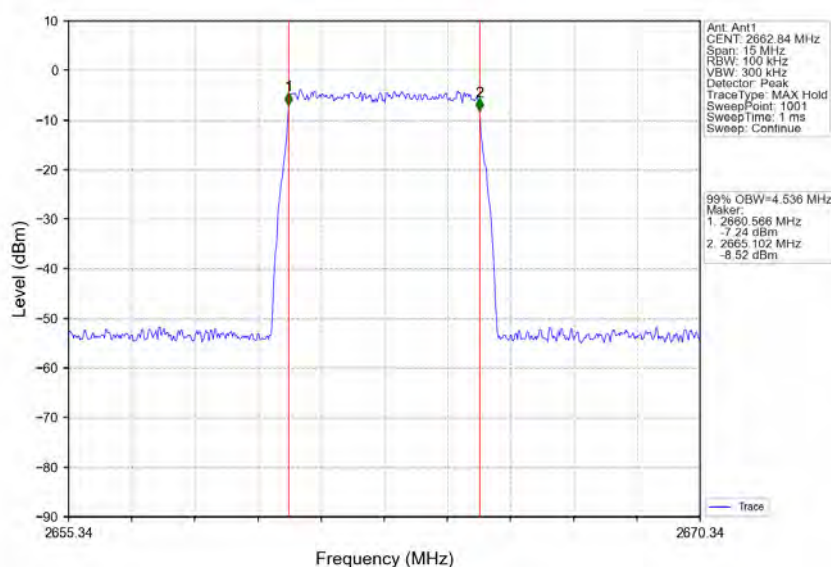
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Band41_2662.84MHz_AWGN_SISO_Ant1_NTNV_Input_AGC



Band41_2662.84MHz_AWGN_SISO_Ant1_NTNV_Input_AGC+3



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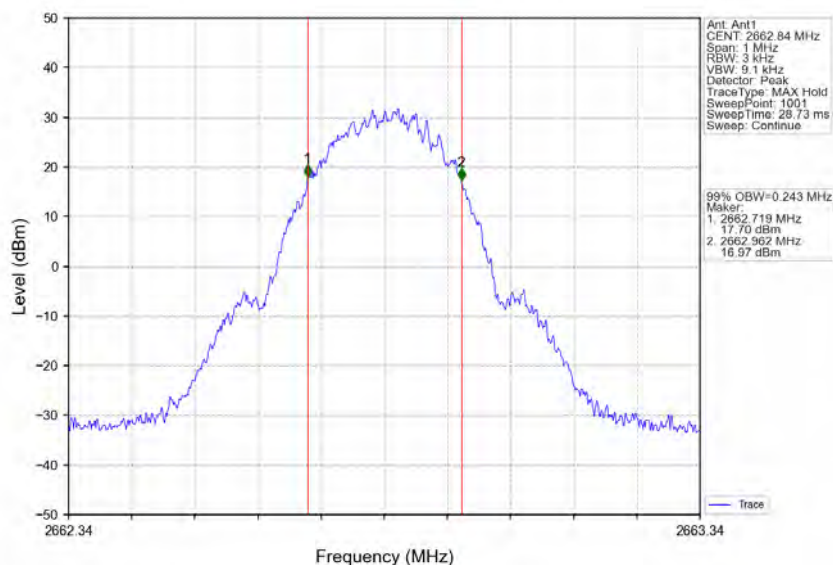
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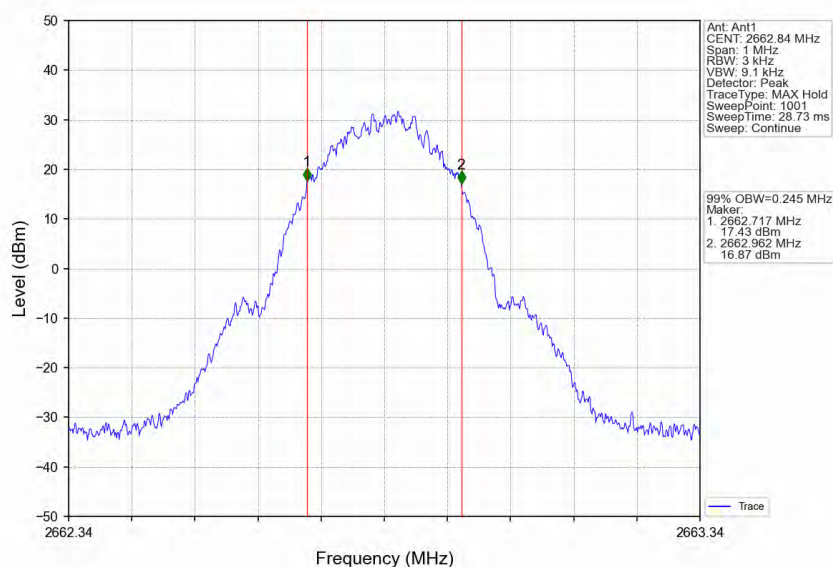
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Band41_2662.84MHz_GMSK_SISO_Ant1_NTNV_Output_AGC



Band41_2662.84MHz_GMSK_SISO_Ant1_NTNV_Output_AGC+3



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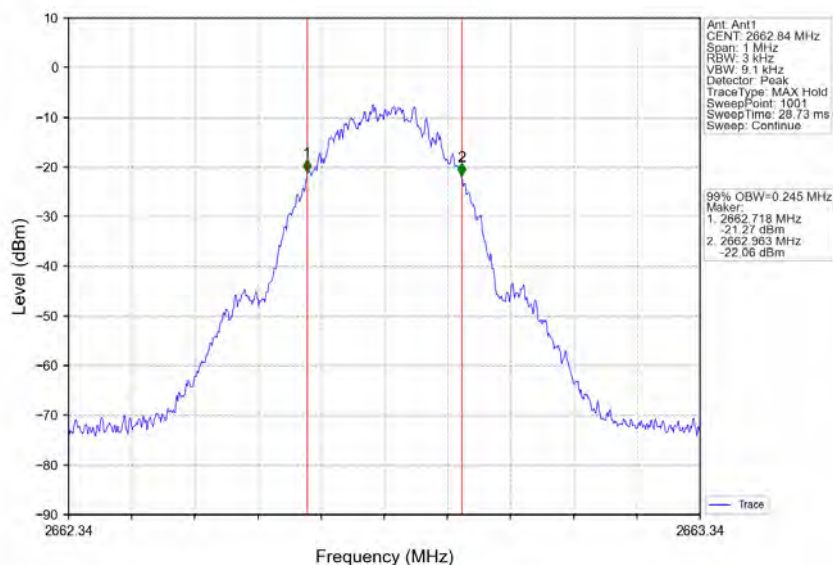
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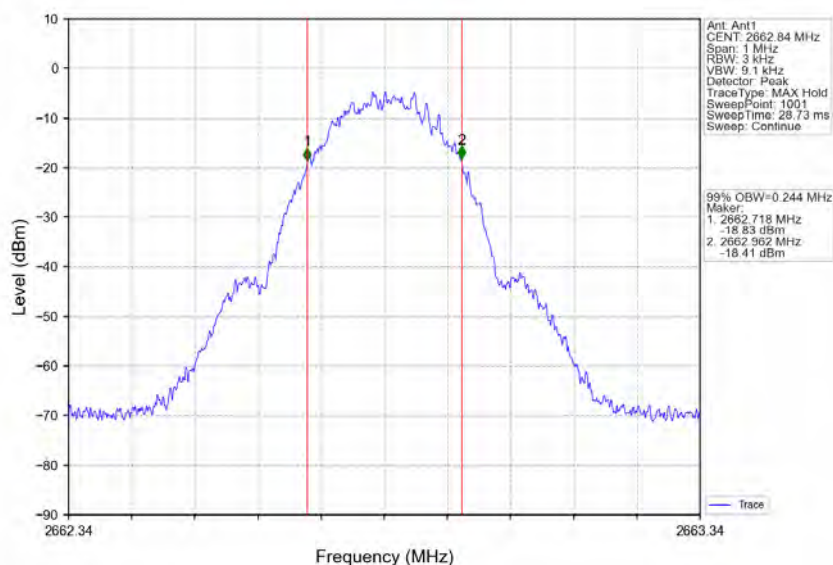
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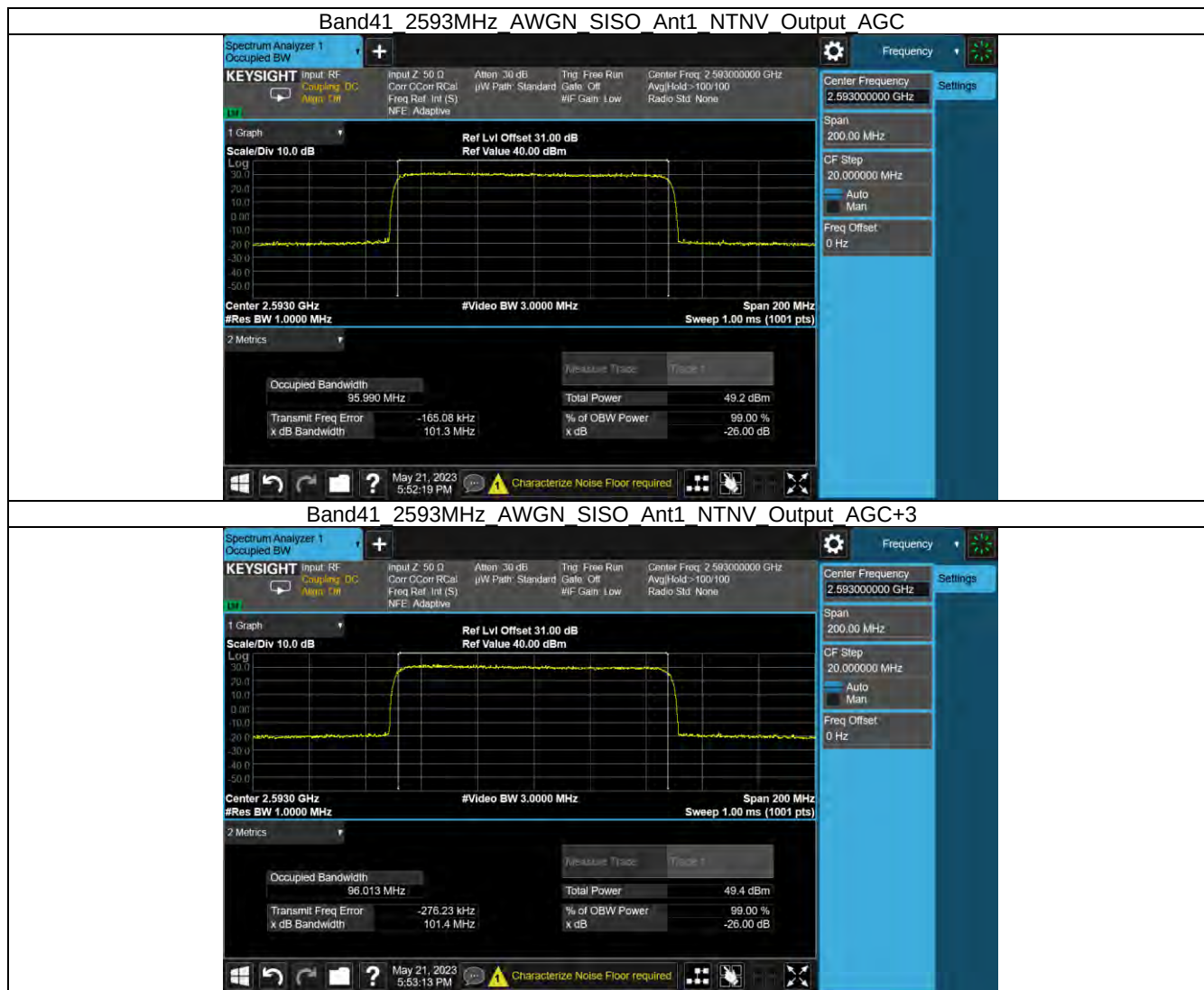
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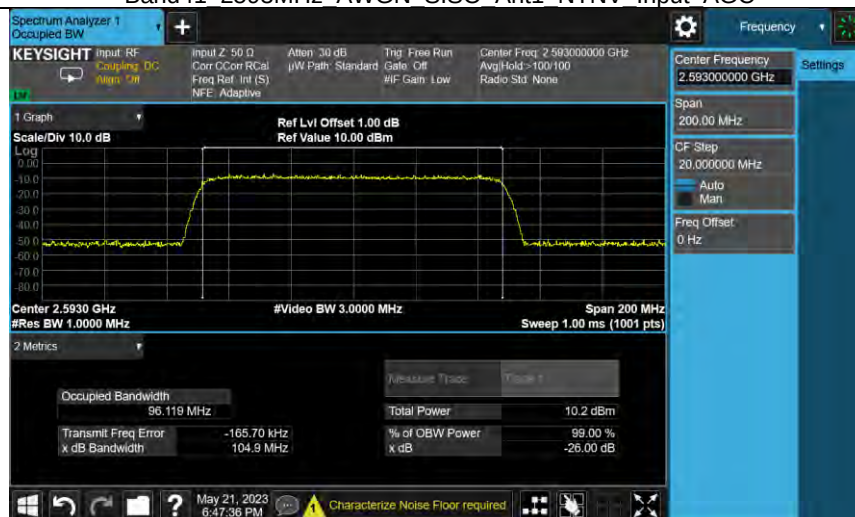
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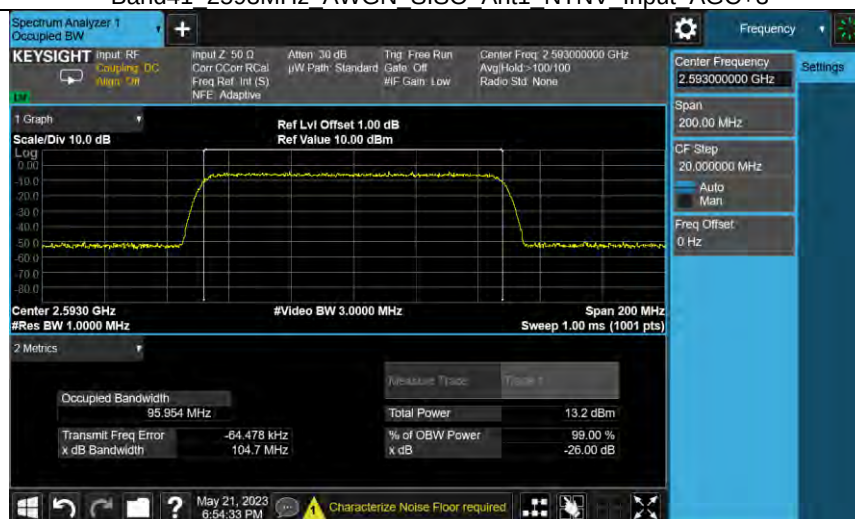
For NR



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3.2 Band41_EBW

3.2.1 Test Result

For LTE

Band: 41 / NTNV							
Signal			TX Type	ANT	26dB EBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	-0.1	2662.84	SISO	1	5.090	5.048	Pass
	2.9	2662.84	SISO	1	5.068	5.044	Pass
GMSK	-0.1	2662.84	SISO	1	0.315	0.317	Pass
	2.9	2662.84	SISO	1	0.317	0.316	Pass

For NR

Band: 41 / NTNV							
Signal			TX Type	ANT	26dB EBW (MHz)		Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	
AWGN	-0.1	2593	SISO	1	101.080	104.480	Pass
	2.9	2593	SISO	1	101.300	104.300	Pass



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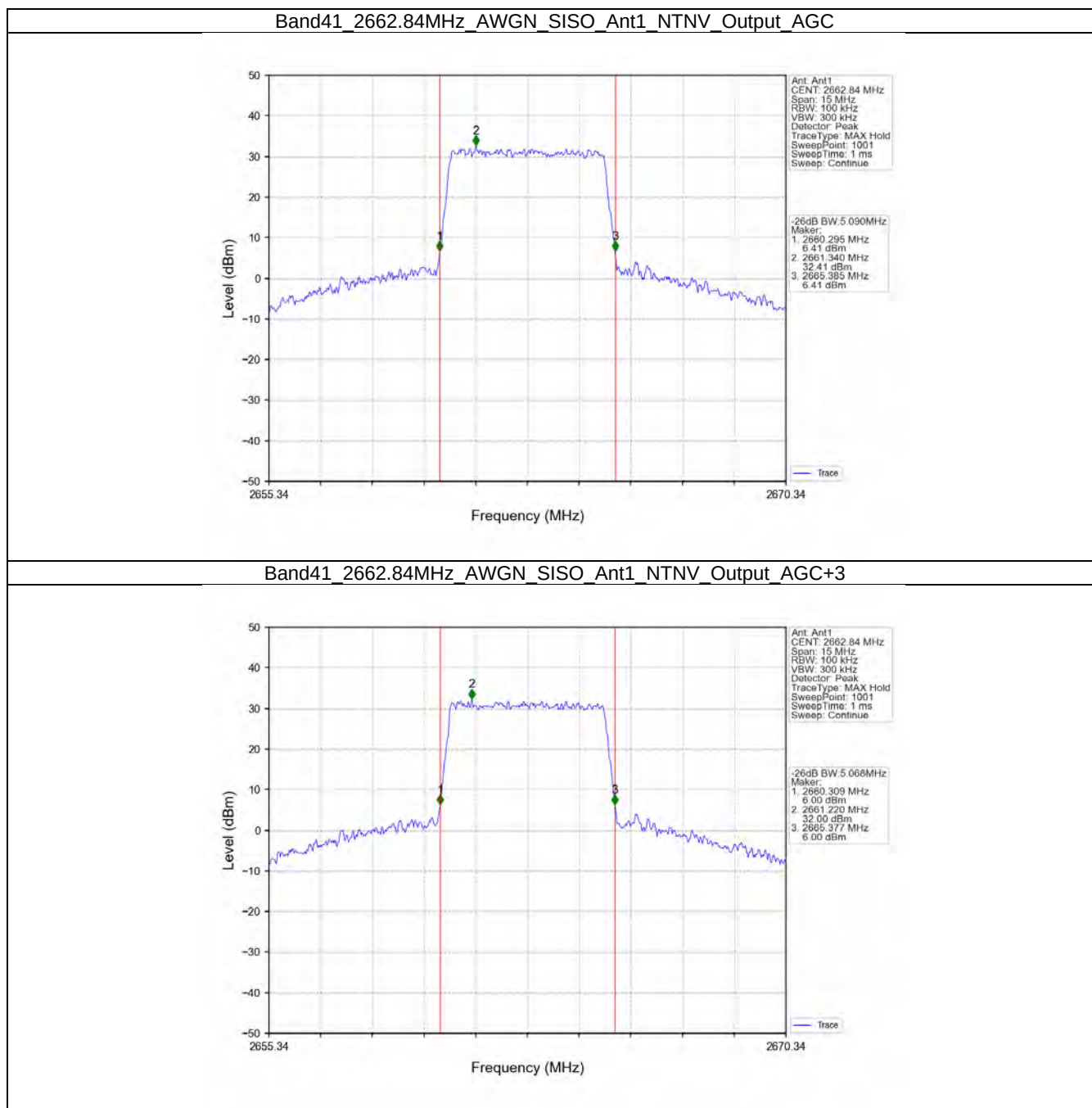
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3.2.2 Test Graph

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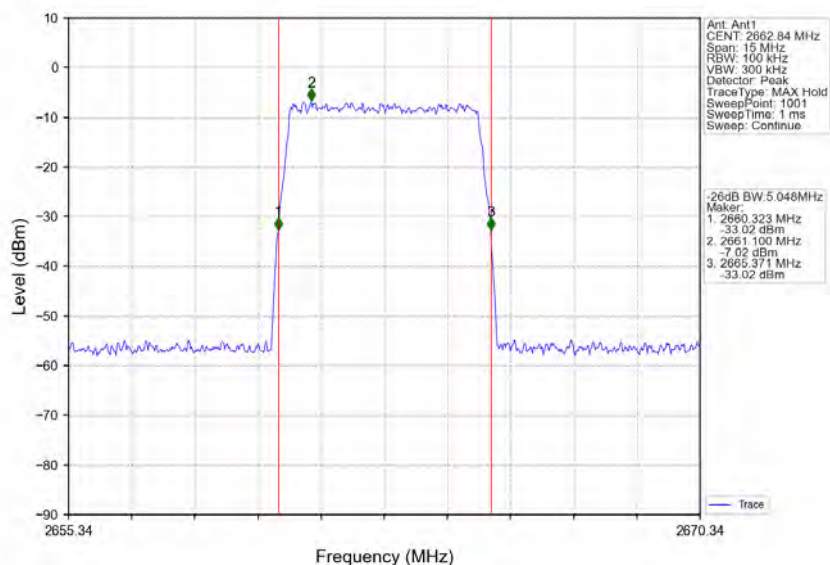
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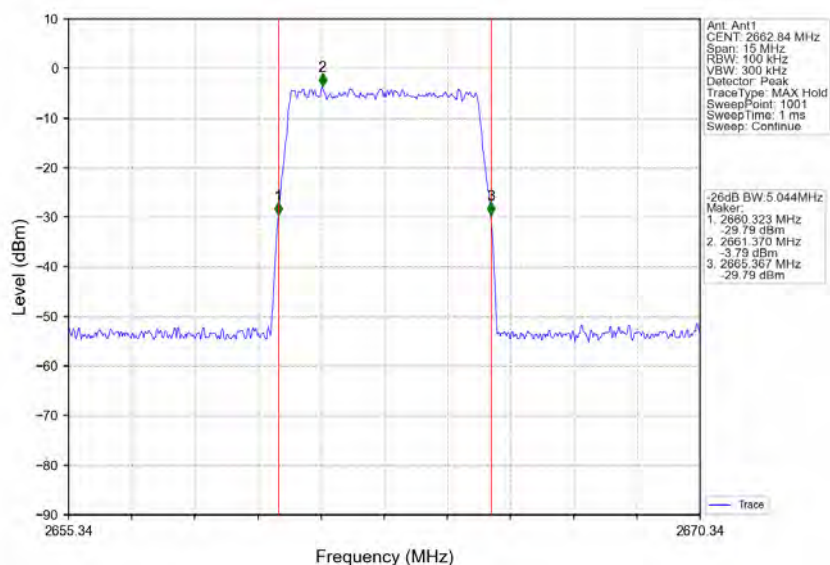
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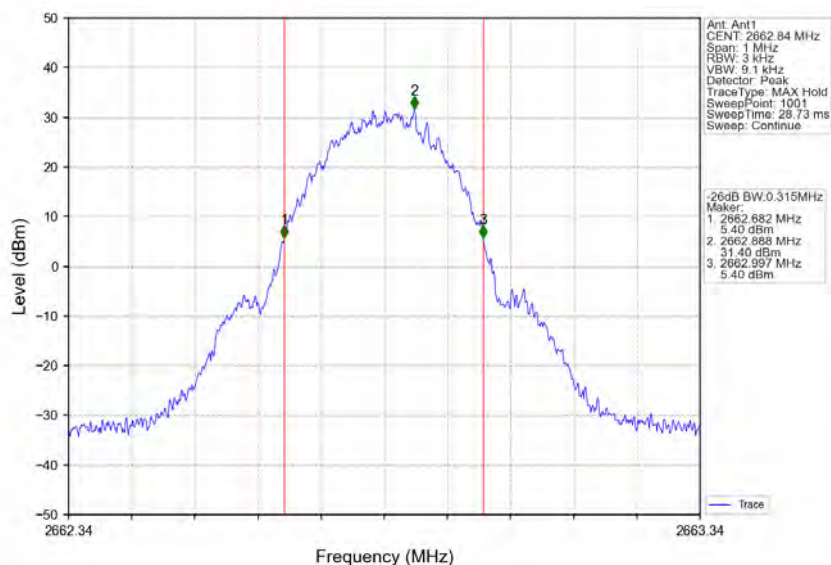
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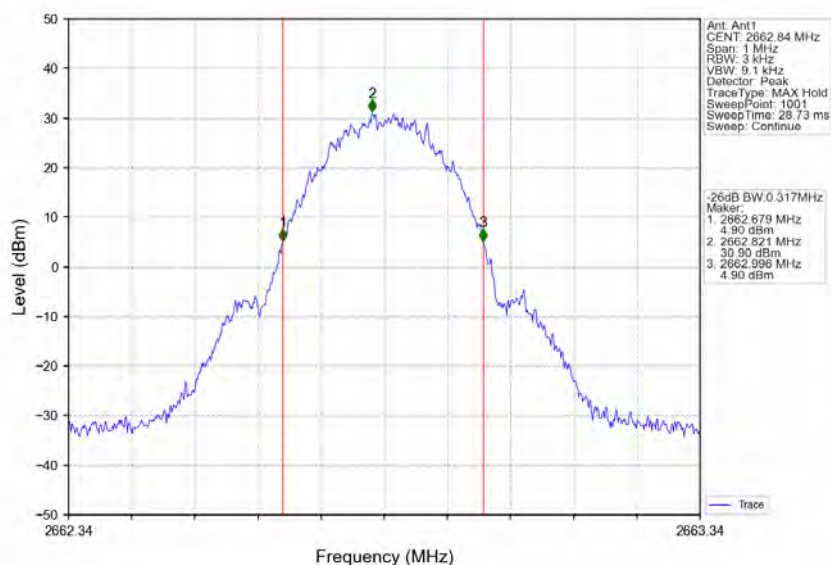
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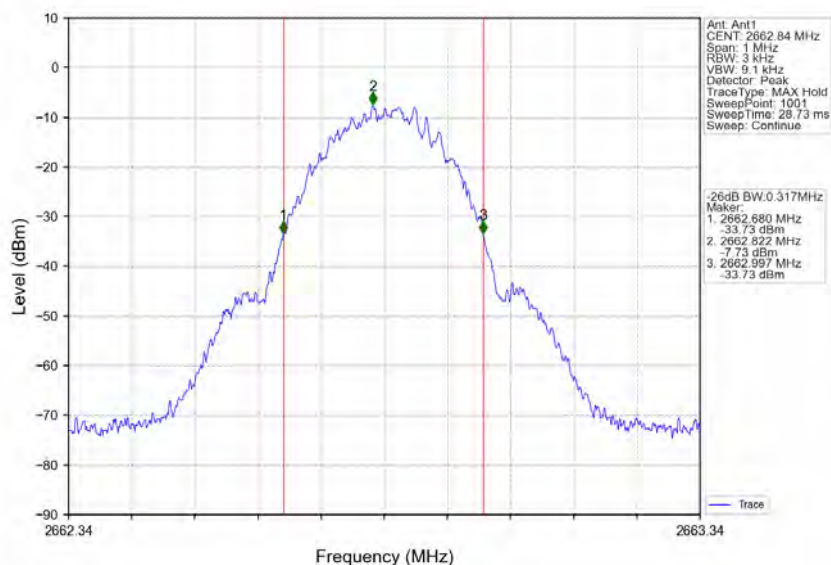
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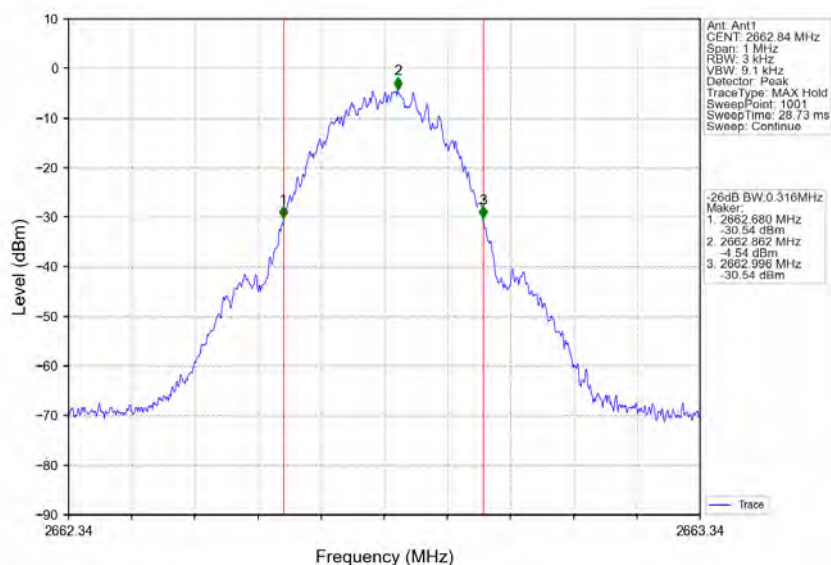
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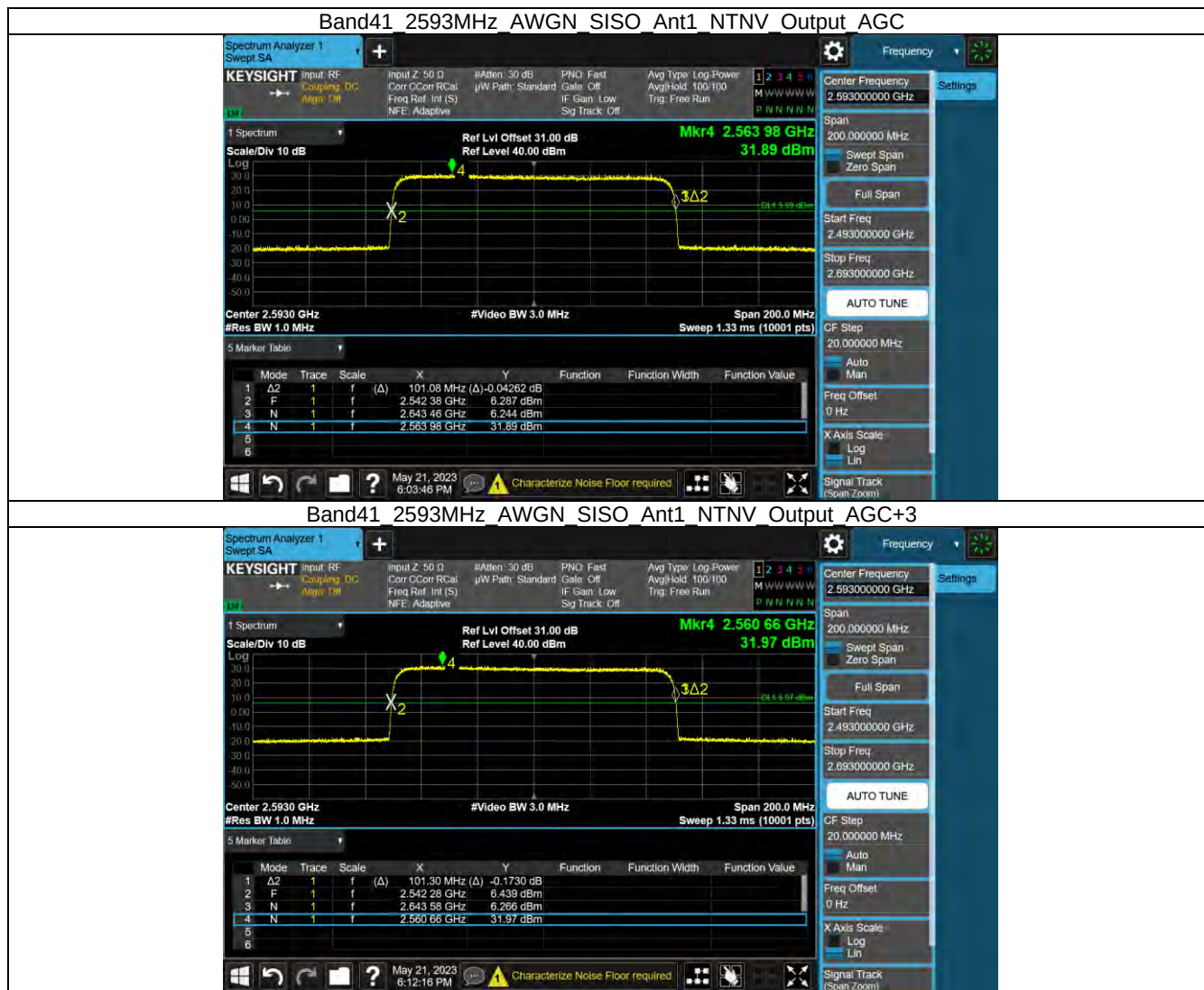
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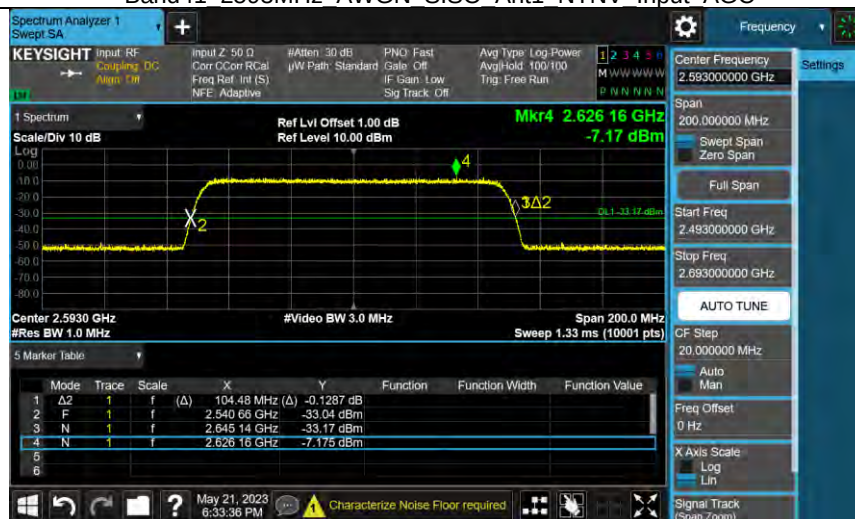
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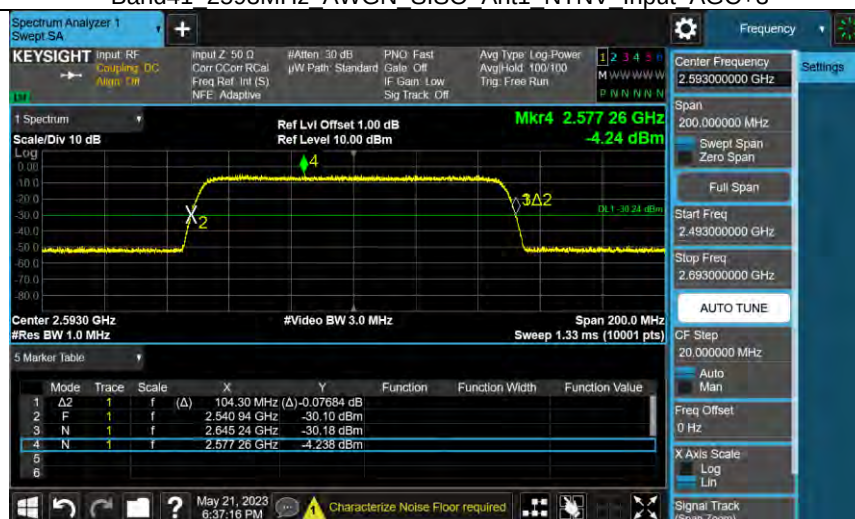
For NR



Band41 2593MHz AWGN SISO Ant1 NTN Input AGC



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4. Input/output power and amplifier/booster gain

4.1 Band41_EIRP

4.1.1 Test Result

For LTE

Band: 41 / NTNV										
Signal			TX Type	ANT	Conducted Power (dBm)		EIRP (dBm)		Booster Gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit		
AWGN	-0.1	2662.84	SISO	1	39.09	-0.08	45.09	<=62.26	39.17	Pass
	2.9	2662.84	SISO	1	39.39	2.94	45.39	<=62.26	/	Pass
GMSK	-0.1	2662.84	SISO	1	39.37	-0.07	45.37	<=50.23	39.44	Pass
	2.9	2662.84	SISO	1	39.58	2.96	45.58	<=50.23	/	Pass

Band: 41 / NTNV								
Signal			Conducted Power (dBm)		EIRP (dBm)		Limit (dBm)	Verdict
Type	Level (dBm)	Frequency (MHz)	SISO	2X2 MIMO	SISO	2X2 MIMO		
AWGN	-0.1	2662.84	39.09	42.10	45.09	48.10	<=62.26	Pass
	2.9	2662.84	39.39	42.40	45.39	48.40	<=62.26	Pass
GMSK	-0.1	2662.84	39.37	42.38	45.37	48.38	<=50.23	Pass
	2.9	2662.84	39.58	42.59	45.58	48.59	<=50.23	Pass

For NR

Band: 41 / NTNV										
Signal			TX Type	ANT	Conducted Power (dBm)		EIRP (dBm)		Booster Gain (dB)	Verdict
Type	Level (dBm)	Frequency (MHz)			Output	Input	Result	Limit		
AWGN	-0.1	2593	SISO	1	39.27	-0.07	45.27	<=75.27	39.34	Pass
	2.9	2593	SISO	1	39.39	2.95	45.39	<=75.27	/	Pass

Band: 41 / NTNV								
Signal			Conducted Power (dBm)		EIRP (dBm)		Limit (dBm)	Verdict
Type	Level (dBm)	Frequency (MHz)	SISO	2X2 MIMO	SISO	2X2 MIMO		
AWGN	-0.1	2593	39.27	42.28	45.27	48.28	<=75.27	Pass
	2.9	2593	39.39	42.40	45.39	48.40	<=75.27	Pass



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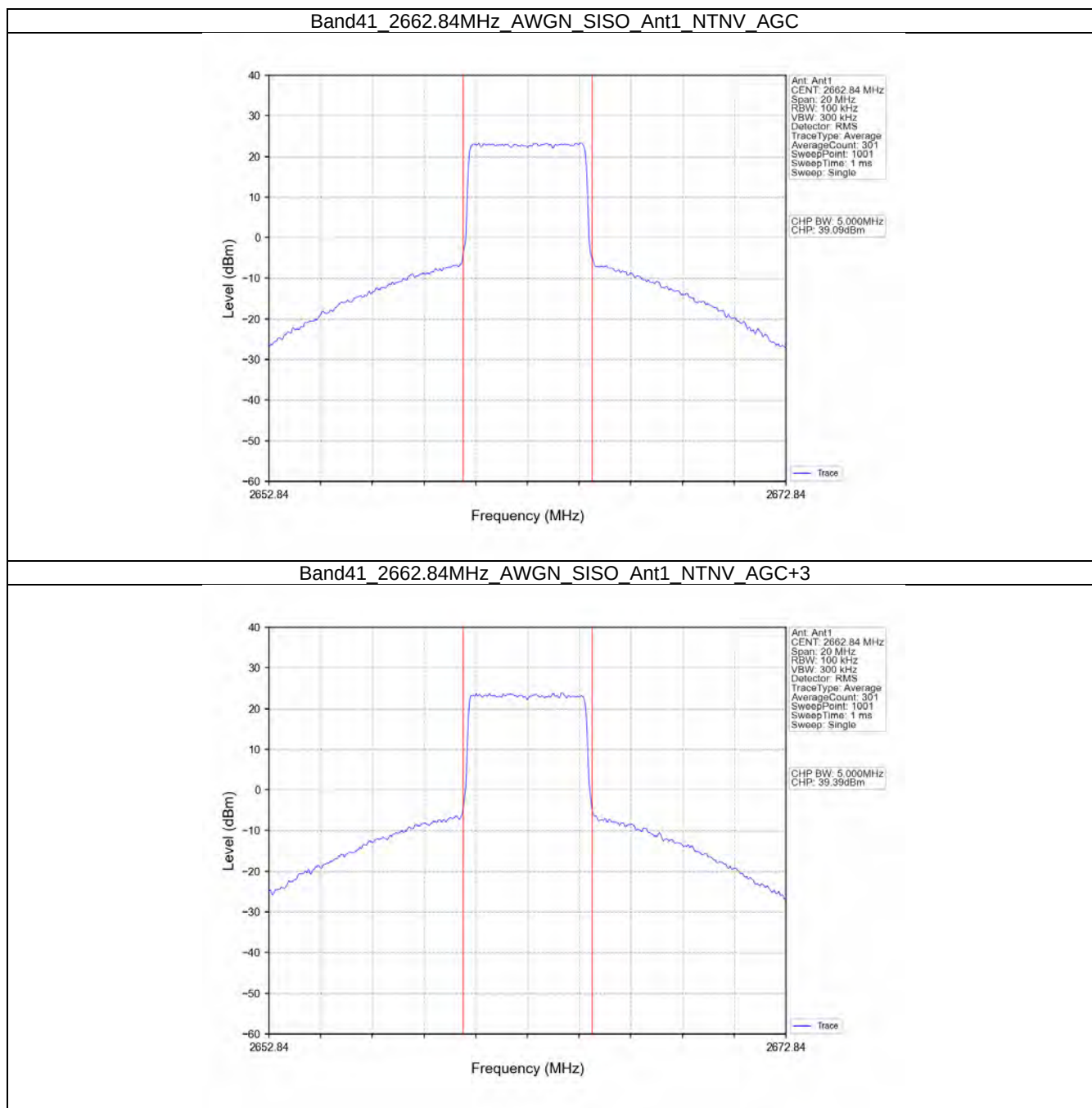
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4.1.2 Test Graph

For LTE



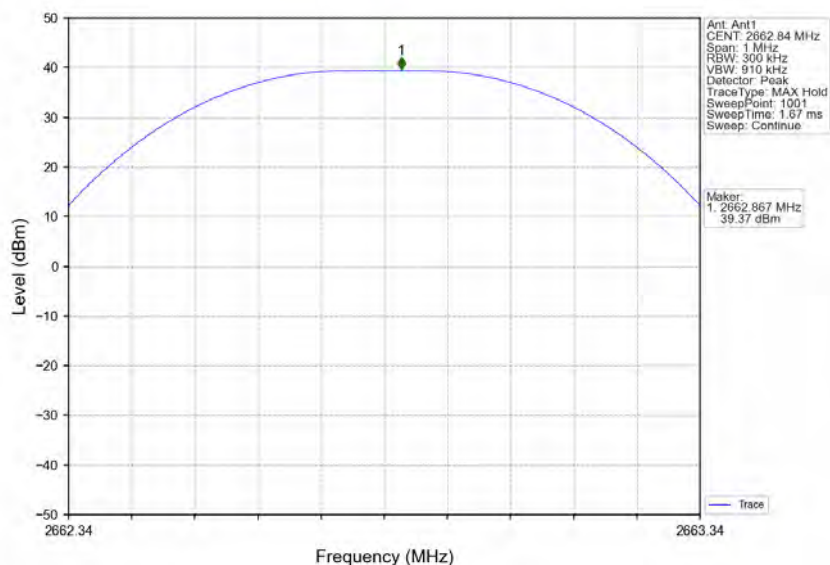
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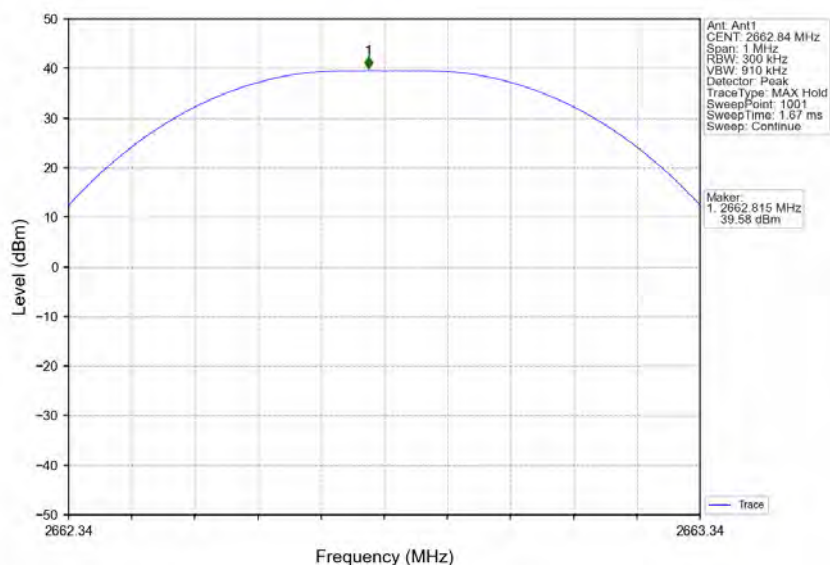
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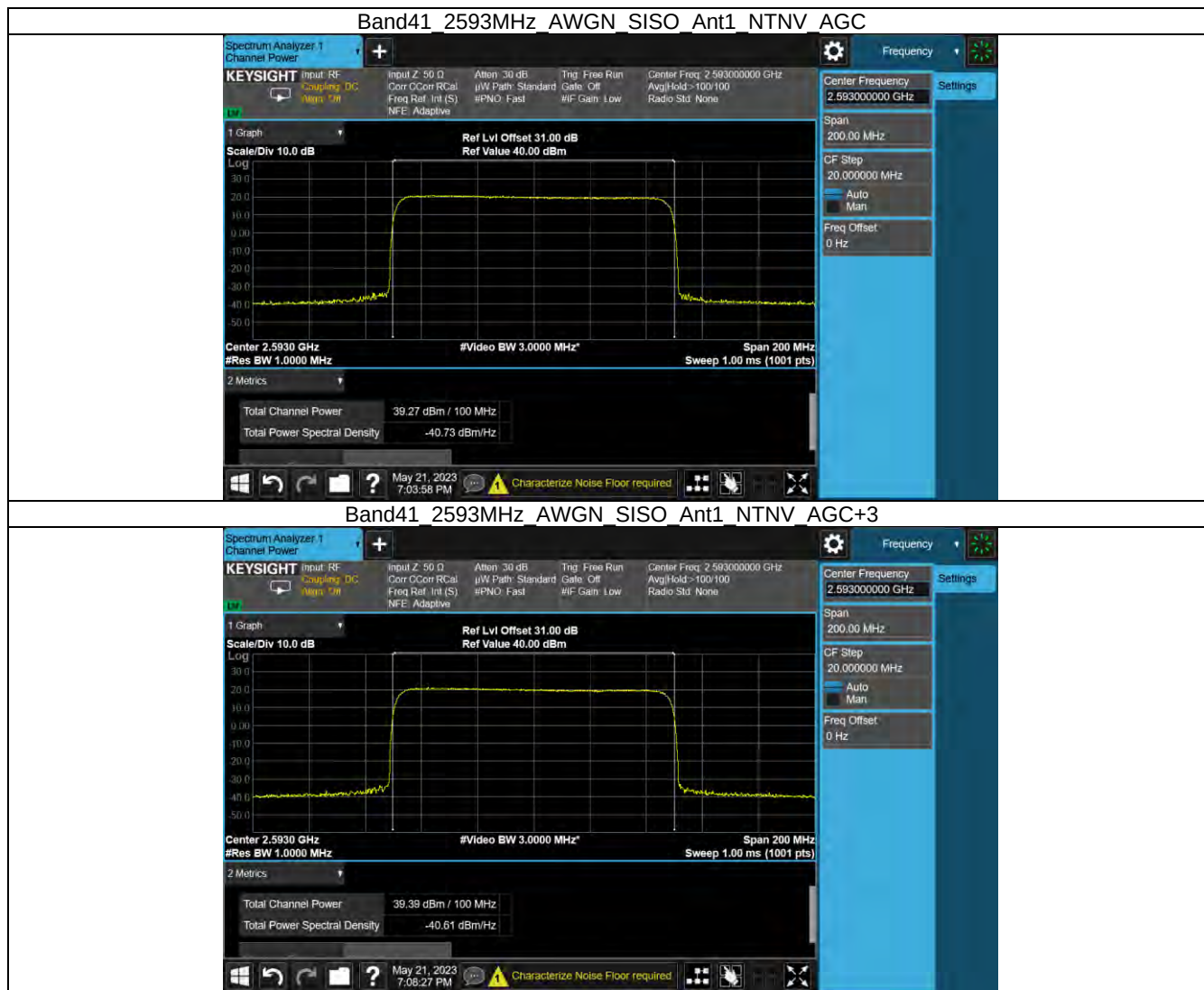
Band41_2662.84MHz_GMSK_SISO_Ant1_NTNV_AGC



Band41_2662.84MHz_GMSK_SISO_Ant1_NTNV_AGC+3



For NR


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4.2 Band41_PAPR

4.2.1 Test Result

For LTE

Band: 41 / NTNV							
Signal			TX Type	ANT	PAPR (dB)		Verdict
Type	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	-0.1	2662.84	SISO	1	7.93	<=13	Pass
	2.9	2662.84	SISO	1	7.95	<=13	Pass
GMSK	-0.1	2662.84	SISO	1	0.46	<=13	Pass
	2.9	2662.84	SISO	1	0.41	<=13	Pass

For NR

Band: 41 / NTNV							
Signal			TX Type	ANT	PAPR (dB)		Verdict
Type	Level (dBm)	Frequency (MHz)			Result	Limit	
AWGN	-0.1	2593	SISO	1	8.41	<=13	Pass
	2.9	2593	SISO	1	8.41	<=13	Pass



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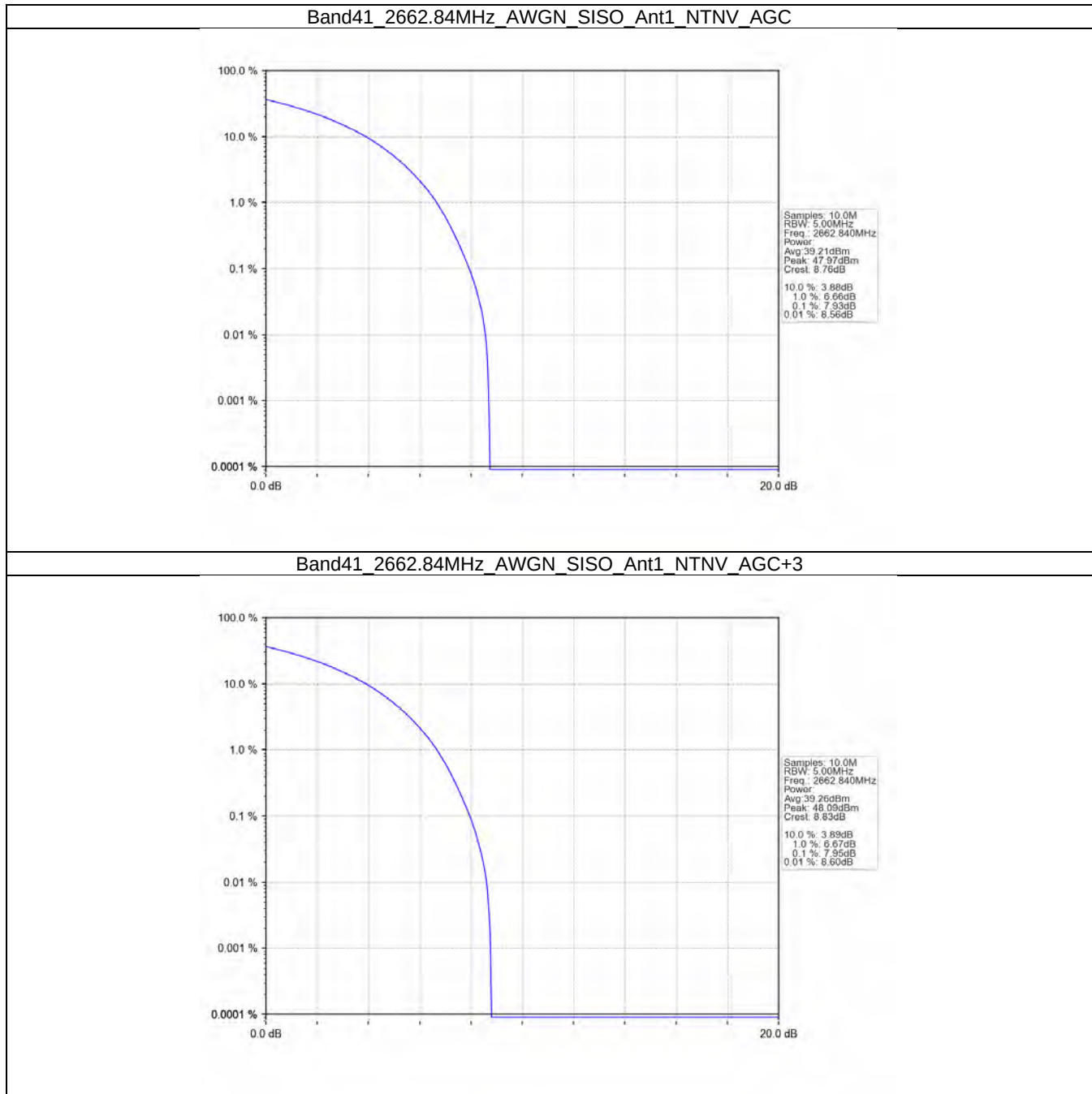
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4.2.2 Test Graph

For LTE



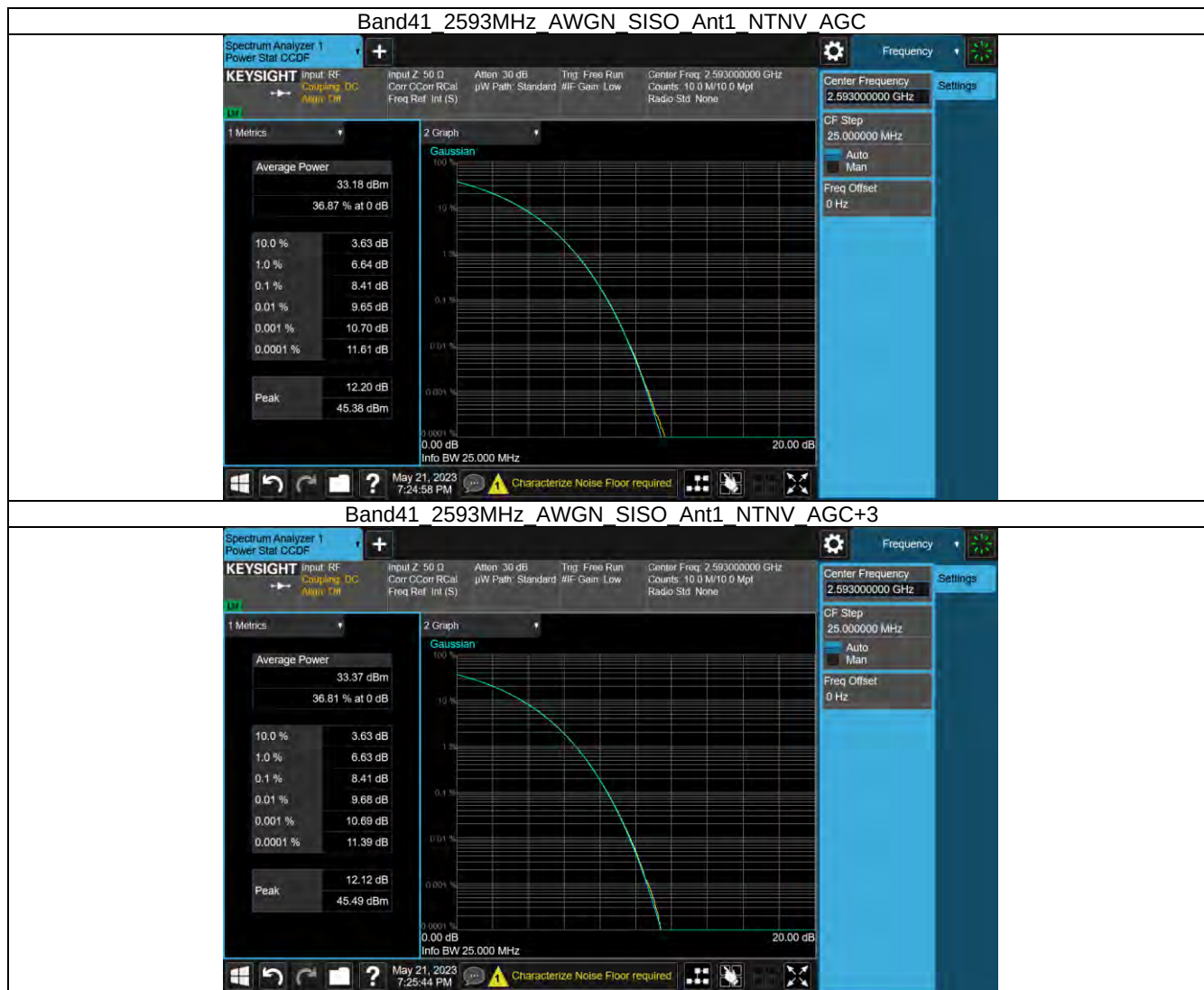
Band41_2662.84MHz_GMSK_SISO_Ant1_NTNV_AGC



Band41_2662.84MHz_GMSK_SISO_Ant1_NTNV_AGC+3



For NR


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5. Out-of-band/out-of-block (including intermodulation) emissions

5.1 Band41

5.1.1 Test Result

For LTE

Band: 41 / NTNV									
Signal				Channel	TX Type	ANT	OOB (dBm)		Verdict
Input	Type	Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	-0.1	2498.5	LCH	SISO	1	-30.70	Refer To Test Graph	Pass
		2.9	2498.5	LCH	SISO	1	-30.54	Refer To Test Graph	Pass
One	AWGN	-0.1	2498.5	LCH	SISO	1	-30.87	Refer To Test Graph	Pass
		2.9	2498.5	LCH	SISO	1	-30.71	Refer To Test Graph	Pass
Two	AWGN	-0.1	2687.5	HCH	SISO	1	-32.40	Refer To Test Graph	Pass
		2.9	2687.5	HCH	SISO	1	-32.33	Refer To Test Graph	Pass
One	AWGN	-0.1	2687.5	HCH	SISO	1	-32.53	Refer To Test Graph	Pass
		2.9	2687.5	HCH	SISO	1	-32.34	Refer To Test Graph	Pass
Two	GMSK	-0.1	2496.2	LCH	SISO	1	-26.87	Refer To Test Graph	Pass
		2.9	2496.2	LCH	SISO	1	-25.97	Refer To Test Graph	Pass
One	GMSK	-0.1	2496.2	LCH	SISO	1	-26.54	Refer To Test Graph	Pass
		2.9	2496.2	LCH	SISO	1	-26.32	Refer To Test Graph	Pass
Two	GMSK	-0.1	2689.8	HCH	SISO	1	-23.23	Refer To Test Graph	Pass
		2.9	2689.8	HCH	SISO	1	-22.37	Refer To Test Graph	Pass
One	GMSK	-0.1	2689.8	HCH	SISO	1	-23.40	Refer To Test Graph	Pass
		2.9	2689.8	HCH	SISO	1	-21.89	Refer To Test Graph	Pass

Remark: The test results of MIMO need to add 3.01dB to the SISO test results, All test results margin above 3.01dB.

For NR

Band: 41 / NTNV									
Signal				Channel	TX Type	ANT	OOB (dBm)		Verdict
Input	Type	Level (dBm)	Frequency (MHz)				Result	Limit	
Two	AWGN	-0.1	2546	LCH	SISO	1	-21.23	Refer To Test Graph	Pass
		2.9	2546	LCH	SISO	1	-20.90	Refer To Test Graph	Pass
One	AWGN	-0.1	2546	LCH	SISO	1	-21.22	Refer To Test Graph	Pass
		2.9	2546	LCH	SISO	1	-21.14	Refer To Test Graph	Pass
Two	AWGN	-0.1	2640	HCH	SISO	1	-23.04	Refer To Test Graph	Pass
		2.9	2640	HCH	SISO	1	-22.91	Refer To Test Graph	Pass
One	AWGN	-0.1	2640	HCH	SISO	1	-22.98	Refer To Test Graph	Pass
		2.9	2640	HCH	SISO	1	-23.29	Refer To Test Graph	Pass



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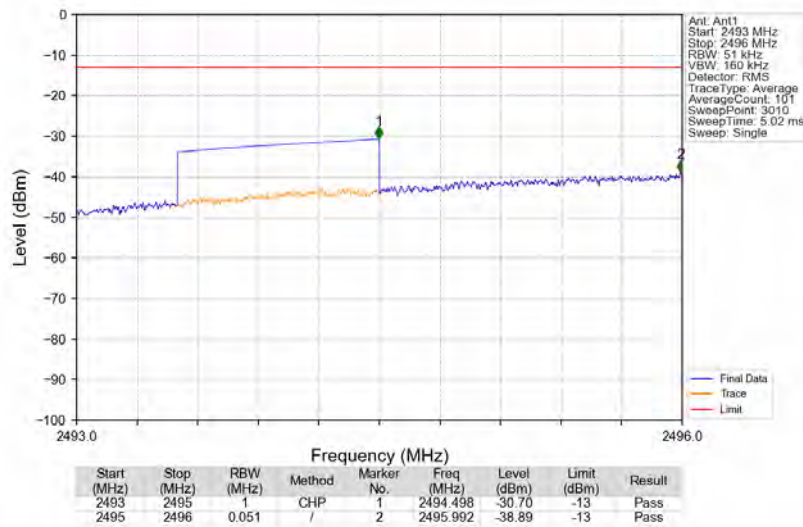
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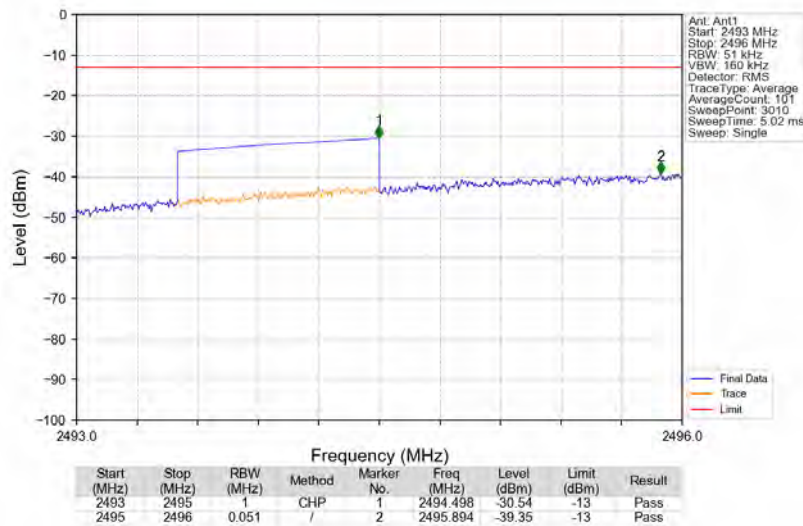
5.1.2 Test Graph

For LTE

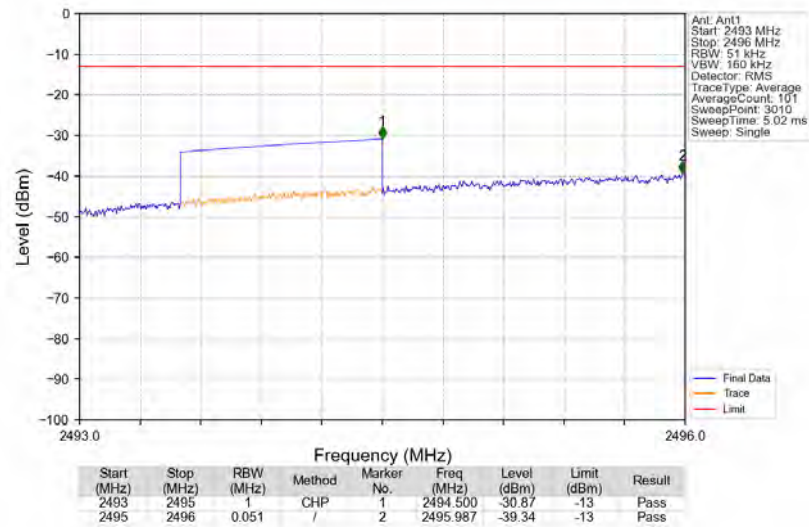
Band41_2498.5MHz_AWGN_SISO_Ant1_NTNV_AGC



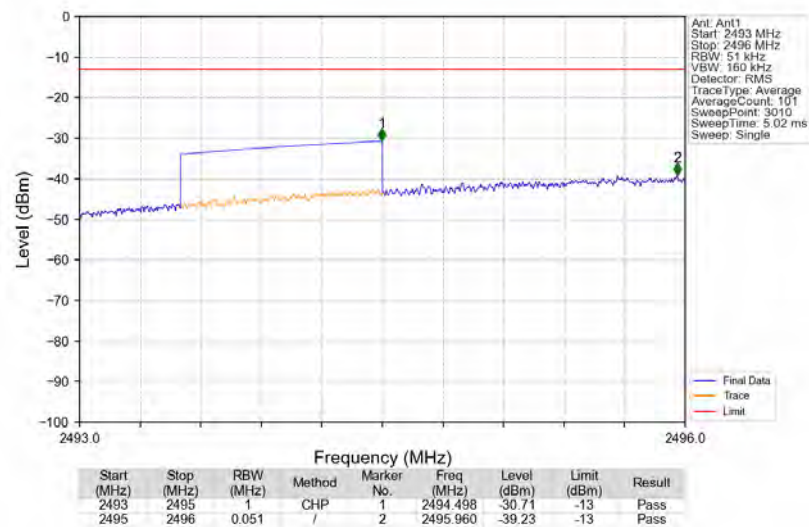
Band41_2498.5MHz_AWGN_SISO_Ant1_NTNV_AGC+3



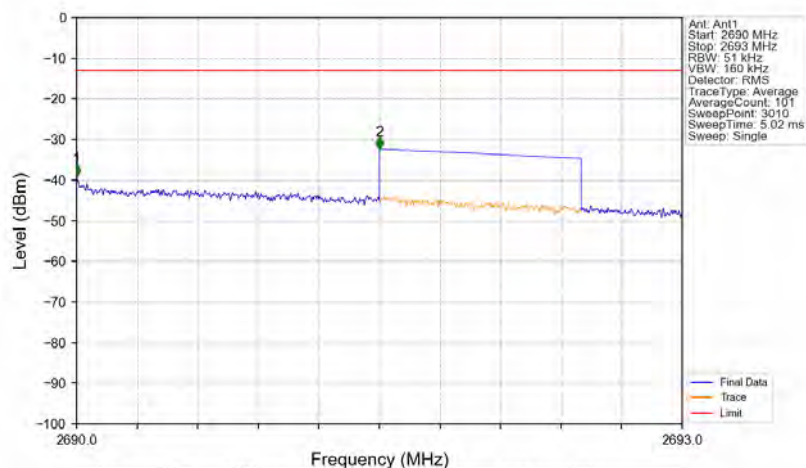
Band41 2498.5MHz AWGN SISO Ant1 NTN AGC



Band41 2498.5MHz AWGN SISO Ant1 NTN AGC+3

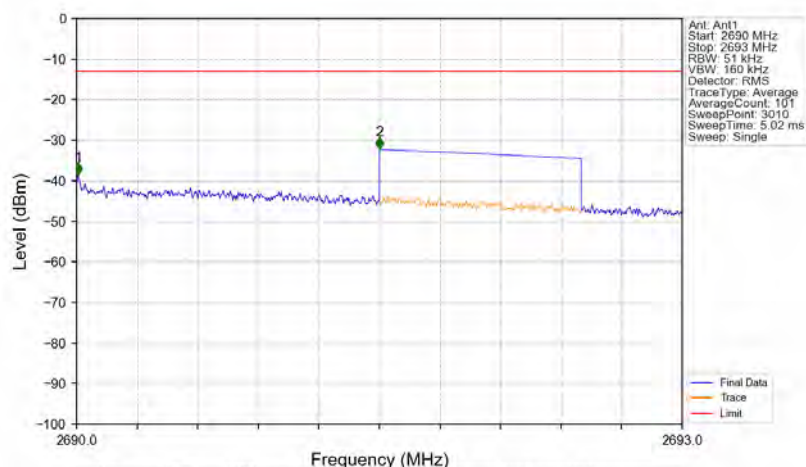


Band41 2687.5MHz AWGN SISO Ant1 NTN AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2690	2691	0.051	/	1	2690.000	-39.07	-13	Pass
2691	2693	1	CHP	2	2691.500	-32.40	-13	Pass

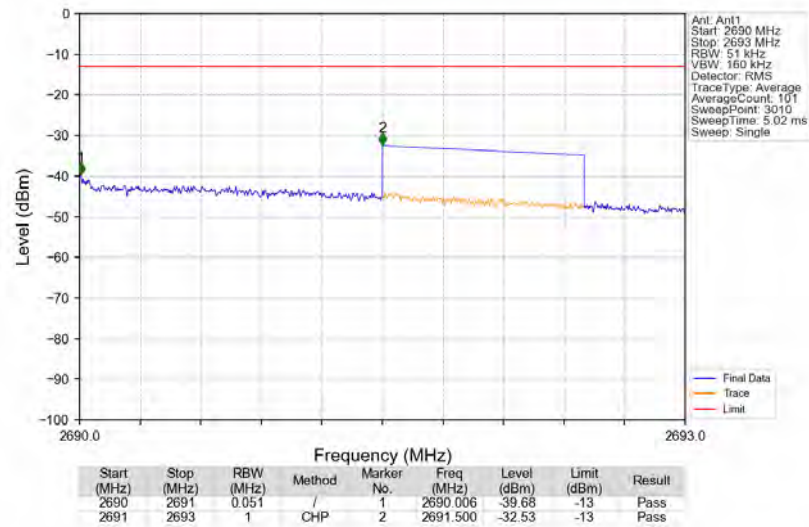
Band41 2687.5MHz AWGN SISO Ant1 NTN AGC+3



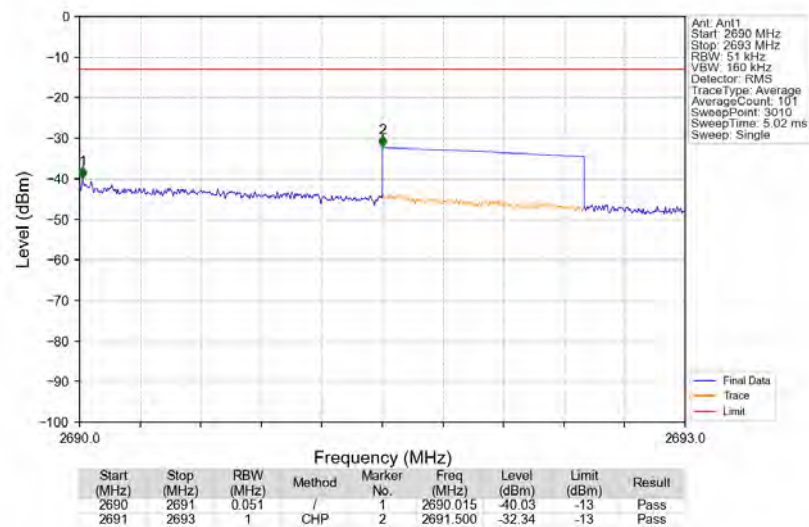
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2690	2691	0.051	/	1	2690.008	-38.67	-13	Pass
2691	2693	1	CHP	2	2691.500	-32.33	-13	Pass



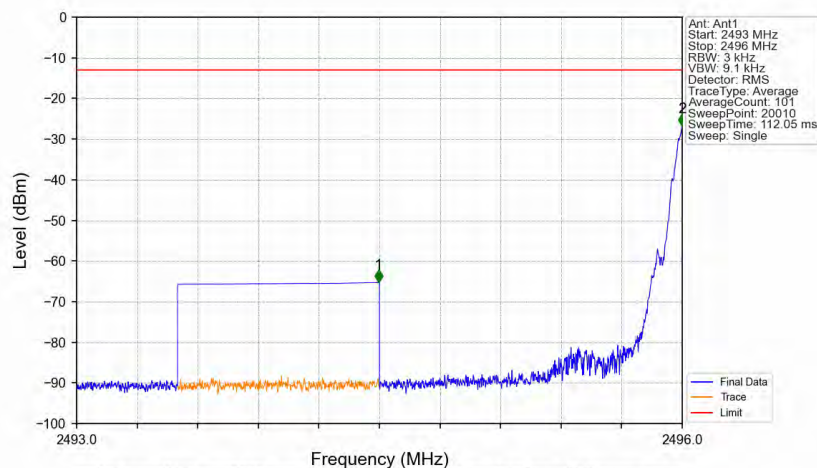
Band41 2687.5MHz AWGN SISO Ant1 NTN AGC



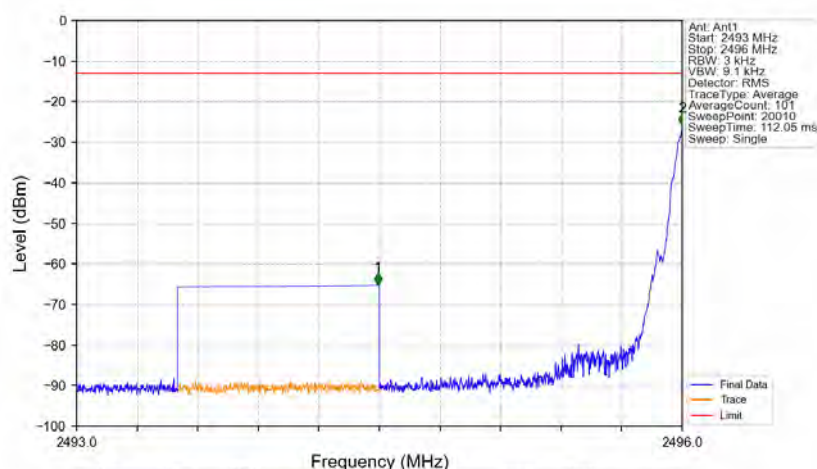
Band41 2687.5MHz AWGN SISO Ant1 NTN AGC+3



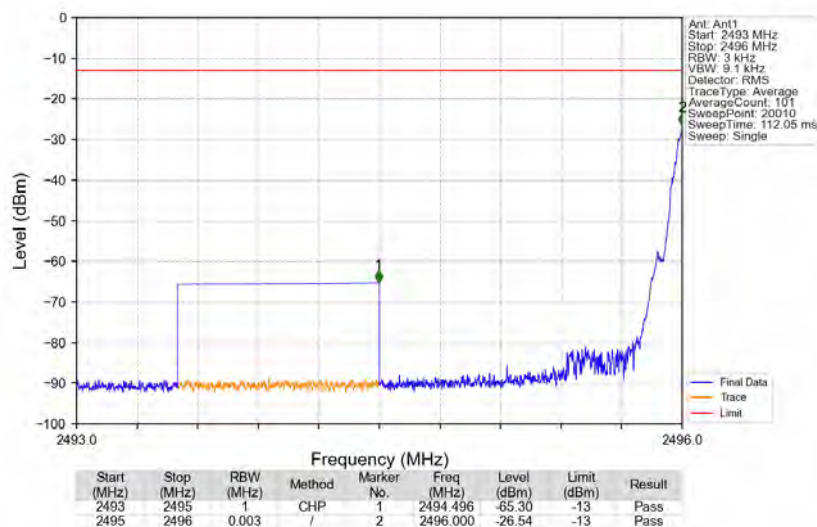
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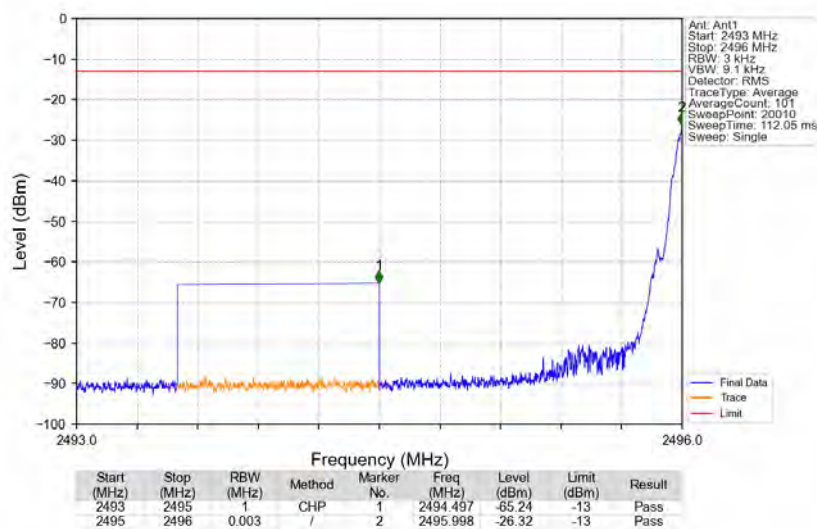
Band41_2496.2MHz_GMSK_SISO_Ant1_NTNV_AGC+3



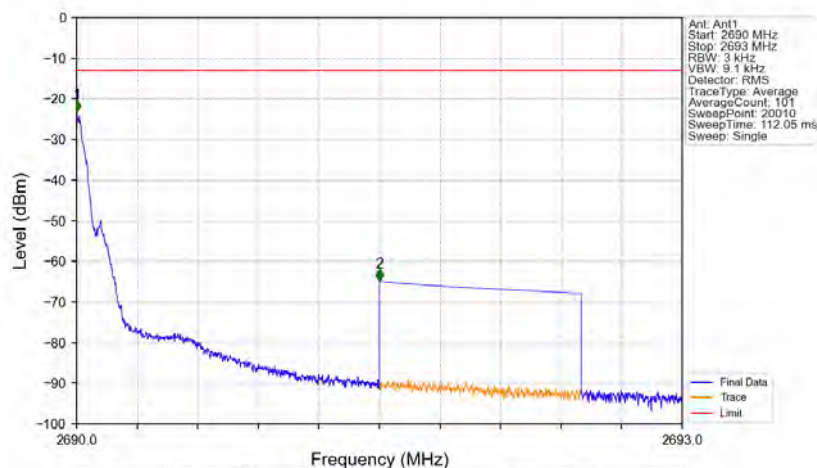
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Band41_2496.2MHz_GMSK_SISO_Ant1_NTNV_AGC+3

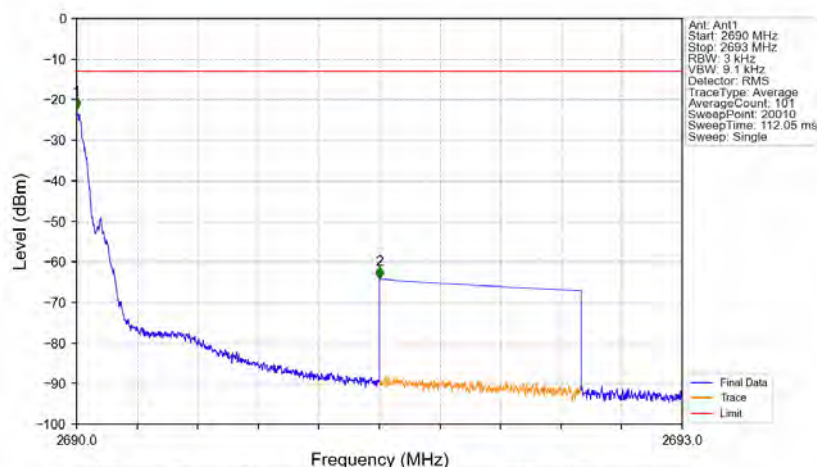


Band41_2689.8MHz_GMSK_SISO_Ant1_NTNV_AGC



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2690	2691	0.003	/	1	2690.000	-23.23	-13	Pass
2691	2693	1	CHP	2	2691.500	-64.93	-13	Pass

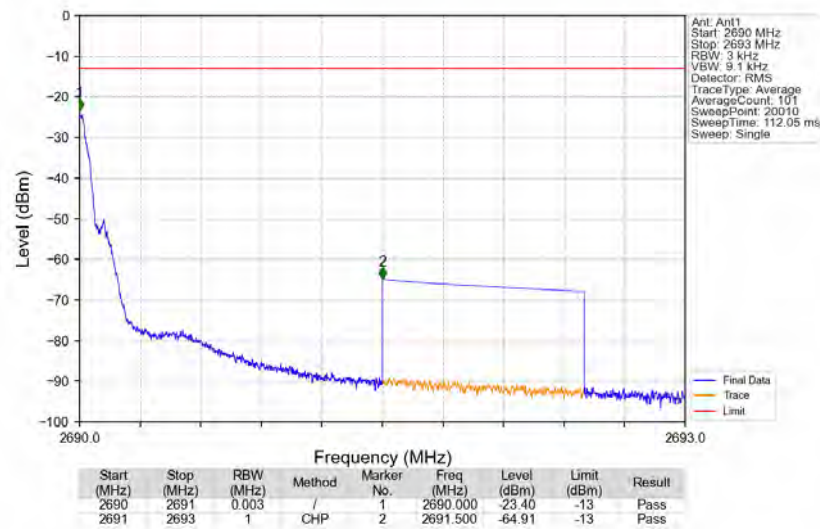
Band41_2689.8MHz_GMSK_SISO_Ant1_NTNV_AGC+3



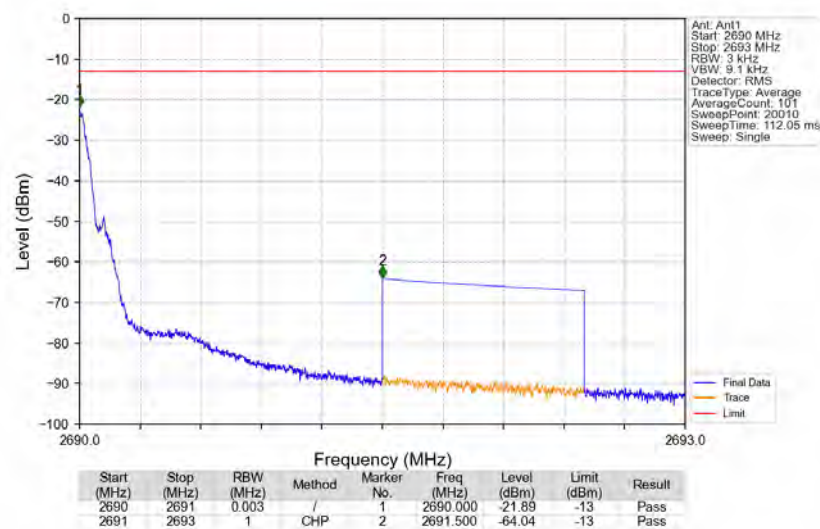
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2690	2691	0.003	/	1	2690.000	-22.37	-13	Pass
2691	2693	1	CHP	2	2691.500	-64.17	-13	Pass



Band41_2689.8MHz_GMSK_SISO_Ant1_NTNV_AGC



Band41_2689.8MHz_GMSK_SISO_Ant1_NTNV_AGC+3



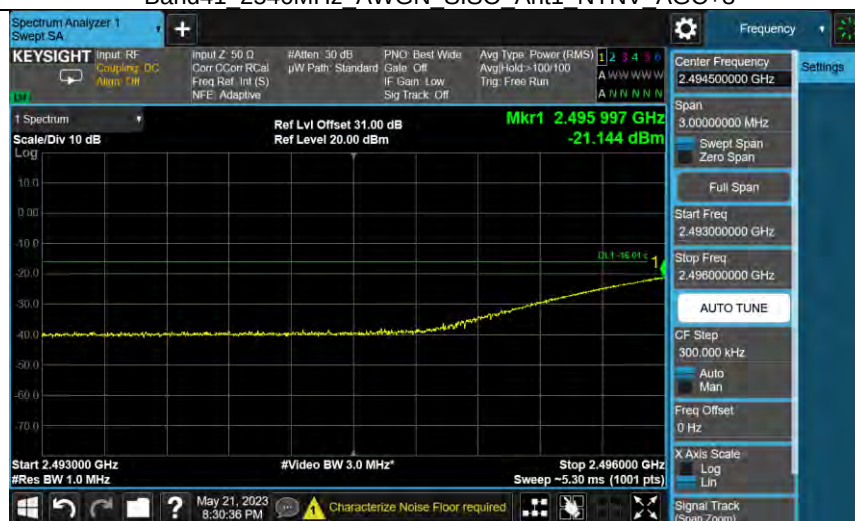
For NR



Band41 2546MHz AWGN SISO Ant1 NTN AGC



Band41 2546MHz AWGN SISO Ant1 NTN AGC+3



Band41 2640MHz AWGN SISO Ant1 NTN AGC



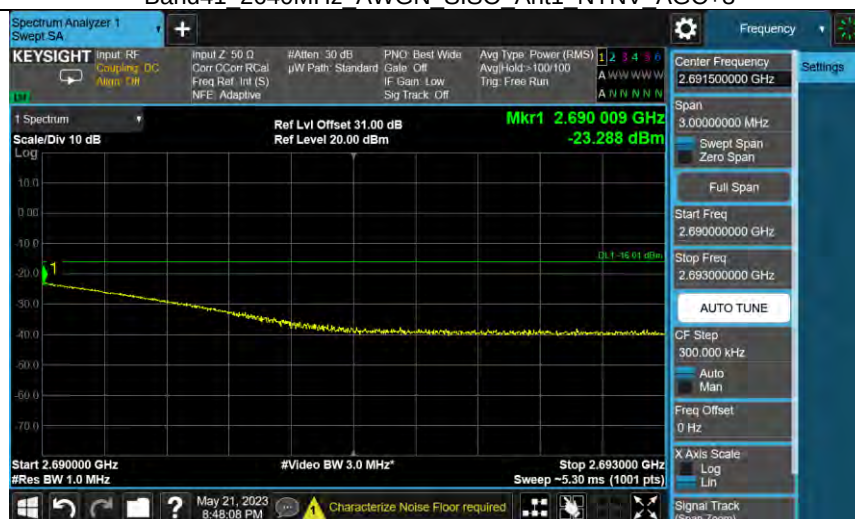
Band41 2640MHz AWGN SISO Ant1 NTN AGC+3



Band41 2640MHz AWGN SISO Ant1 NTN AGC



Band41 2640MHz AWGN SISO Ant1 NTN AGC+3



6. Spurious emissions

6.1 Band41

6.1.1 Test Result

For LTE

Band: 41 / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	-0.1	2498.5	LCH	SISO	1	Refer To Test Graph		Pass
		2593	MCH	SISO	1	Refer To Test Graph		Pass
		2687.5	HCH	SISO	1	Refer To Test Graph		Pass
GMSK	-0.1	2496.2	LCH	SISO	1	Refer To Test Graph		Pass
		2593	MCH	SISO	1	Refer To Test Graph		Pass
		2689.8	HCH	SISO	1	Refer To Test Graph		Pass

Band: 41 / NTNV										
Signal			Channel	TX Type	ANT	SE (dBm)				Verdict
Type	Level (dBm)	Frequency (MHz)				Reading	Factor	Result	Limit	
AWGN	-0.1	2498.5	LCH	2*2MIMO	2	-36.18	3.01	-33.17	-13	Pass
		2593	MCH	2*2MIMO	2	-55.03	3.01	-52.02	-13	Pass
		2687.5	HCH	2*2MIMO	2	-35.23	3.01	-32.22	-13	Pass
GMSK	-0.1	2496.2	LCH	2*2MIMO	2	-55.13	3.01	-52.12	-13	Pass
		2593	MCH	2*2MIMO	2	-55.08	3.01	-52.07	-13	Pass
		2689.8	HCH	2*2MIMO	2	-55.12	3.01	-52.11	-13	Pass

Remark: 1. Result= Reading+ Factor

2. Factor= 10lg(2)

For NR

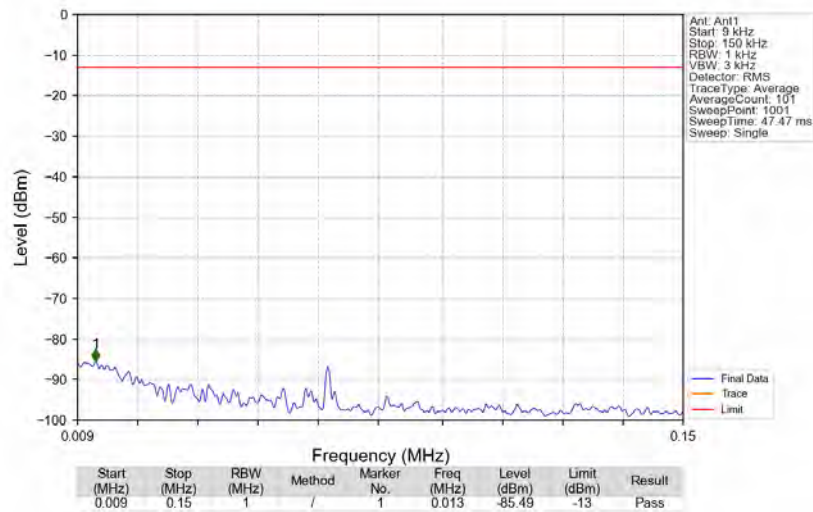
Band: 41 / NTNV								
Signal			Channel	TX Type	ANT	SE (dBm)		Verdict
Type	Level (dBm)	Frequency (MHz)				Result	Limit	
AWGN	-0.1	2546	LCH	SISO	1	Refer To Test Graph		Pass
		2593	MCH	SISO	1	Refer To Test Graph		Pass
		2640	HCH	SISO	1	Refer To Test Graph		Pass



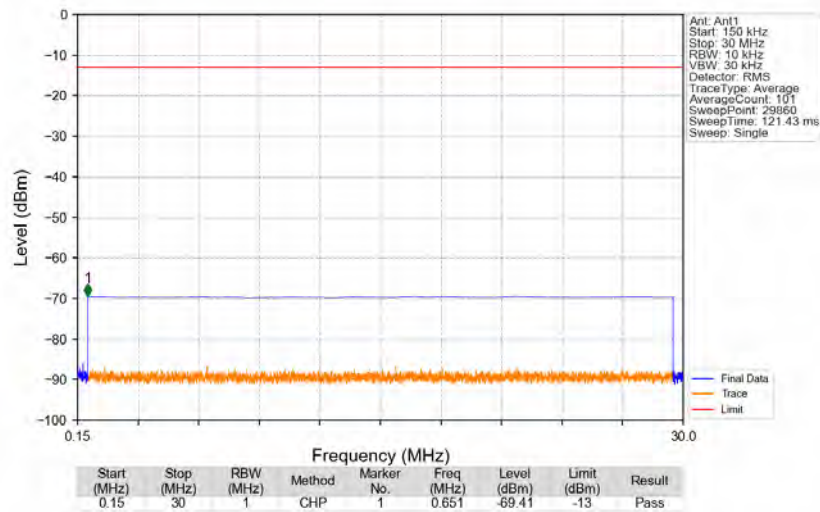
6.1.2 Test Graph

For LTE

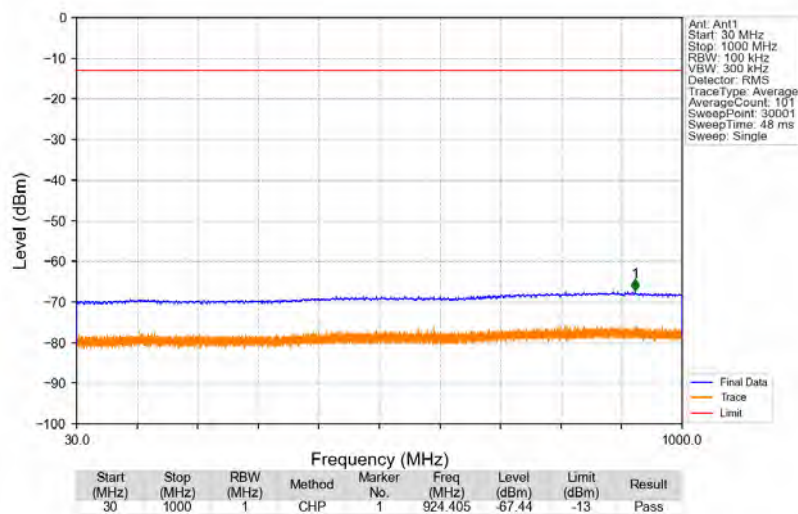
Band41_2498.5MHz_AWGN_SISO_Ant1_NTNV



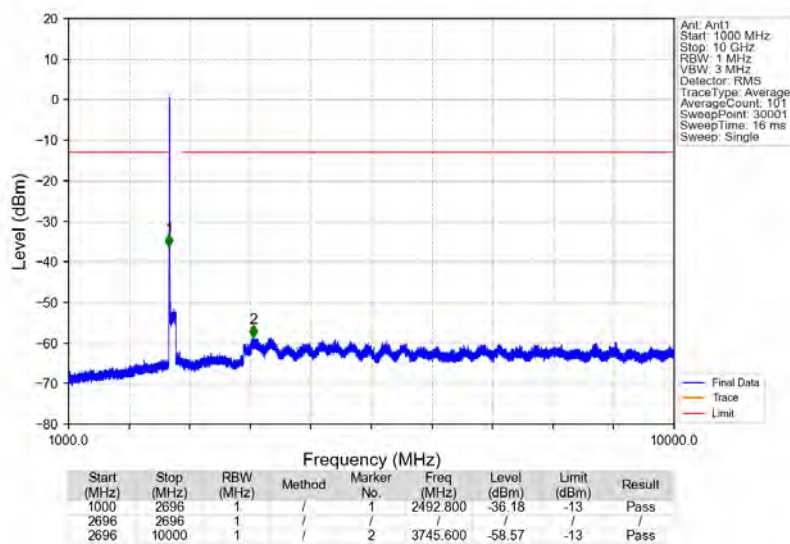
Band41_2498.5MHz_AWGN_SISO_Ant1_NTNV



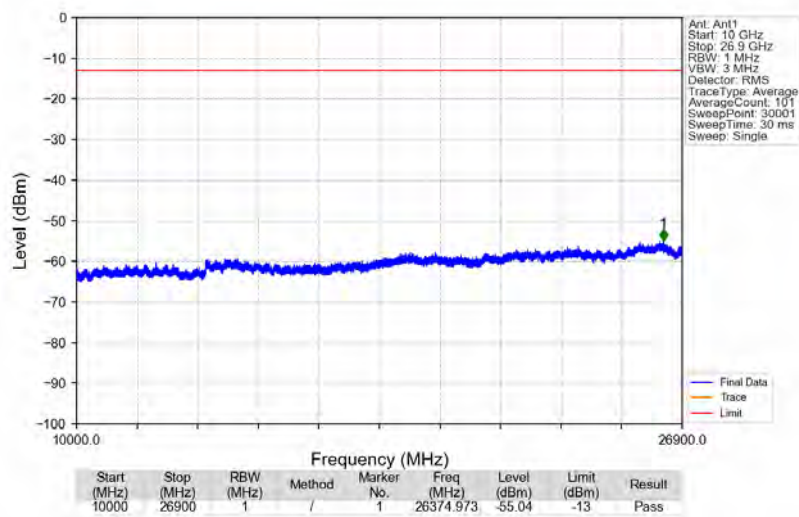
Band41_2498.5MHz_AWGN_SISO_Ant1_NTNV



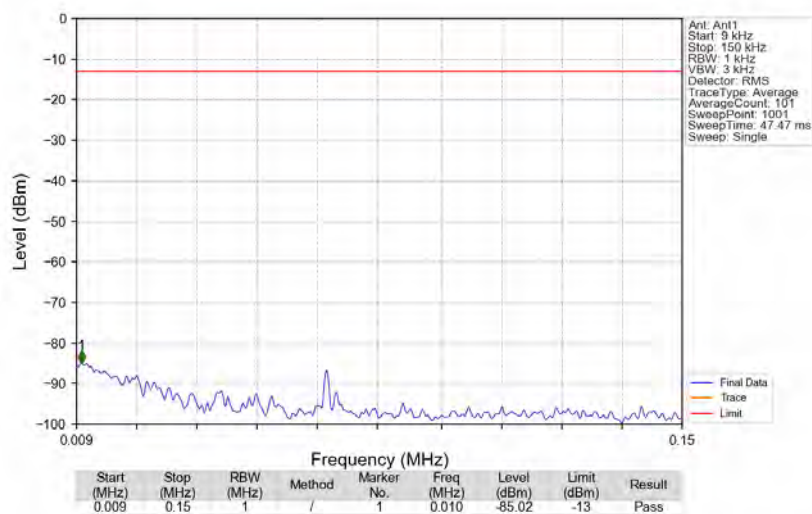
Band41_2498.5MHz_AWGN_SISO_Ant1_NTNV



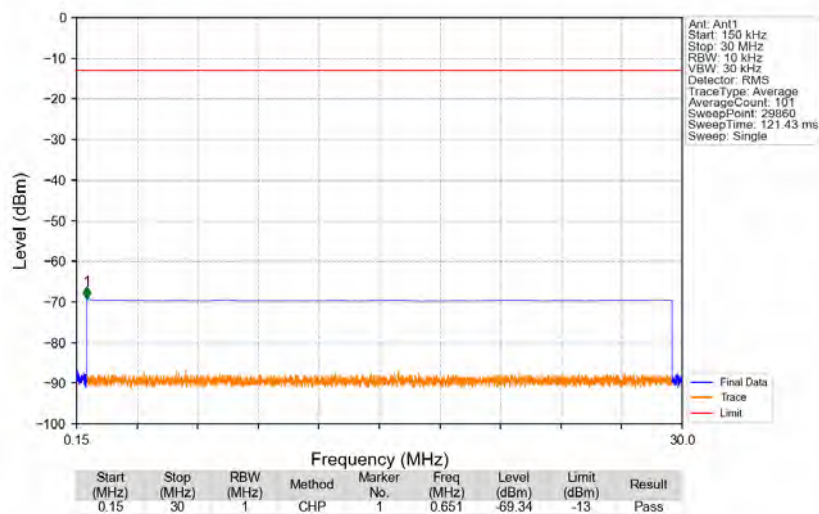
Band41_2498.5MHz_AWGN_SISO_Ant1_NTNV



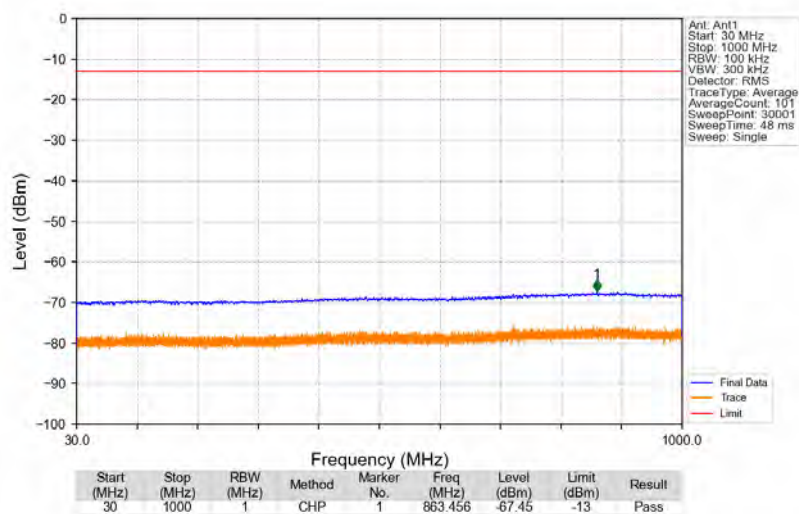
Band41_2593MHz_AWGN_SISO_Ant1_NTNV



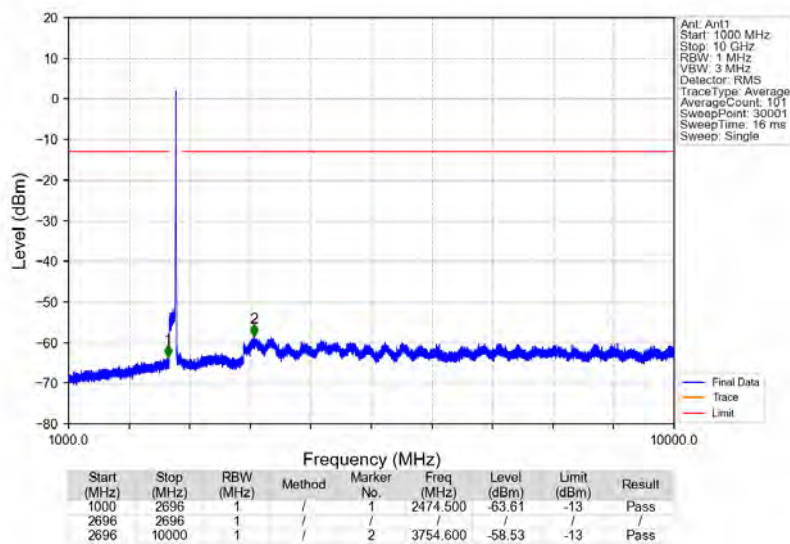
Band41_2593MHz_AWGN_SISO_Ant1_NTNV



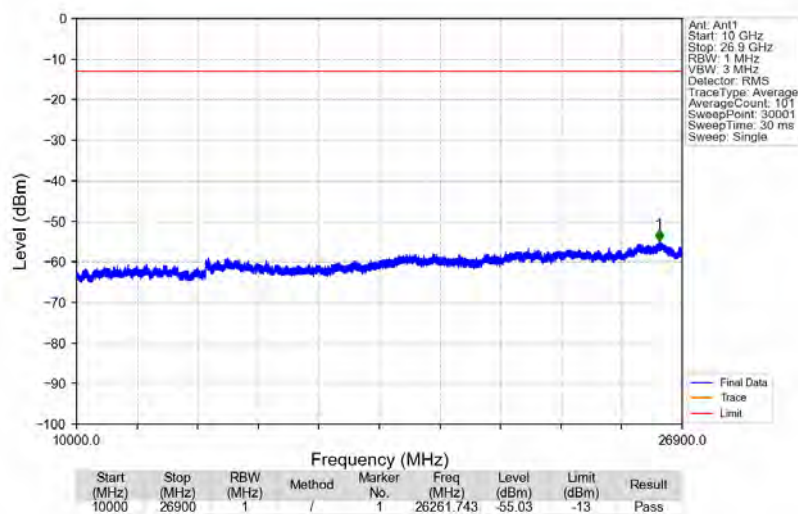
Band41_2593MHz_AWGN_SISO_Ant1_NTNV



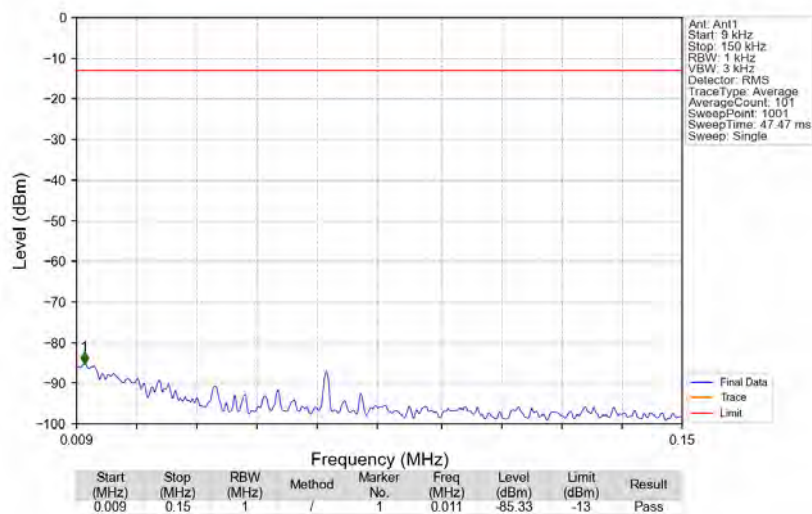
Band41_2593MHz_AWGN_SISO_Ant1_NTNV



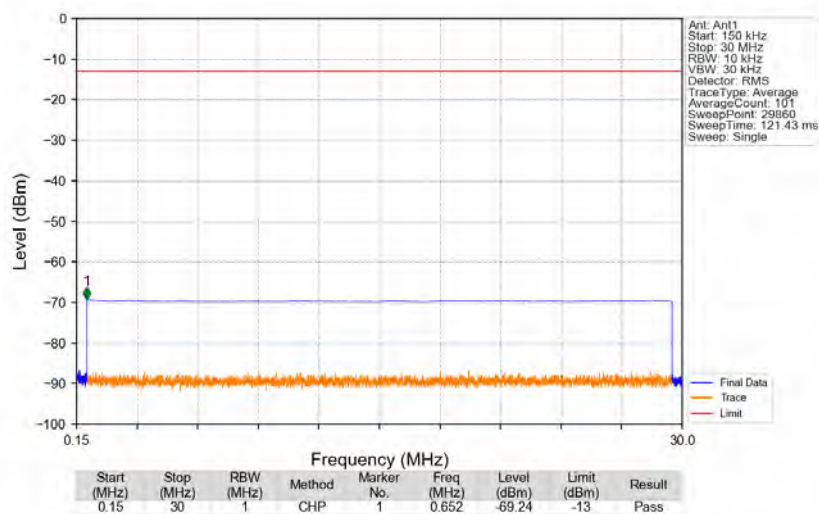
Band41_2593MHz_AWGN_SISO_Ant1_NTNV



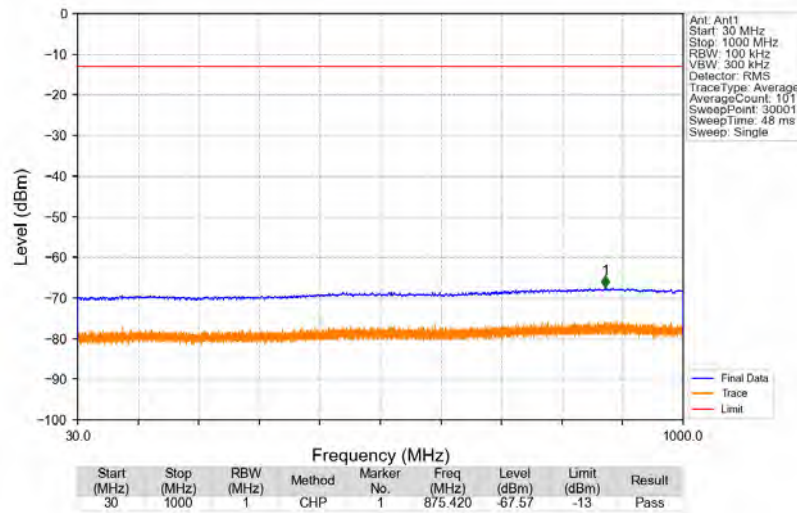
Band41_2687.5MHz_AWGN_SISO_Ant1_NTNV



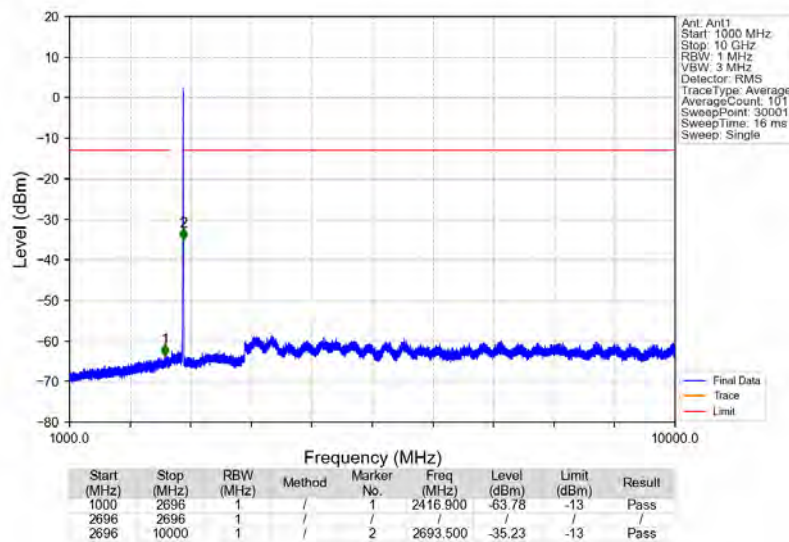
Band41_2687.5MHz_AWGN_SISO_Ant1_NTNV



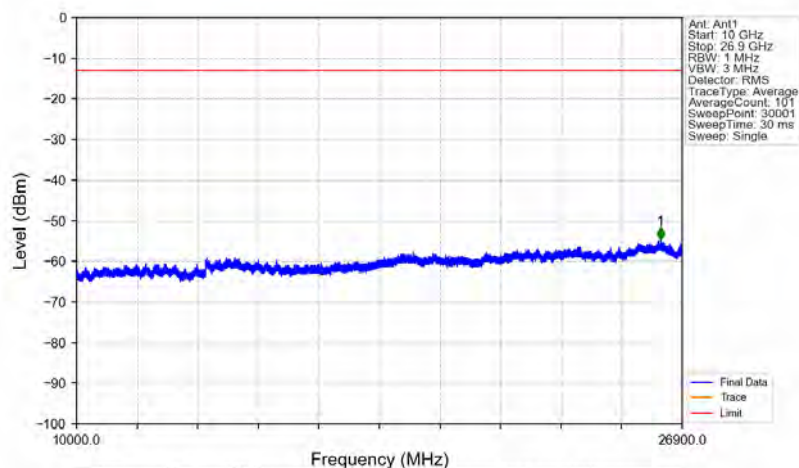
Band41_2687.5MHz_AWGN_SISO_Ant1_NTNV



Band41_2687.5MHz_AWGN_SISO_Ant1_NTNV

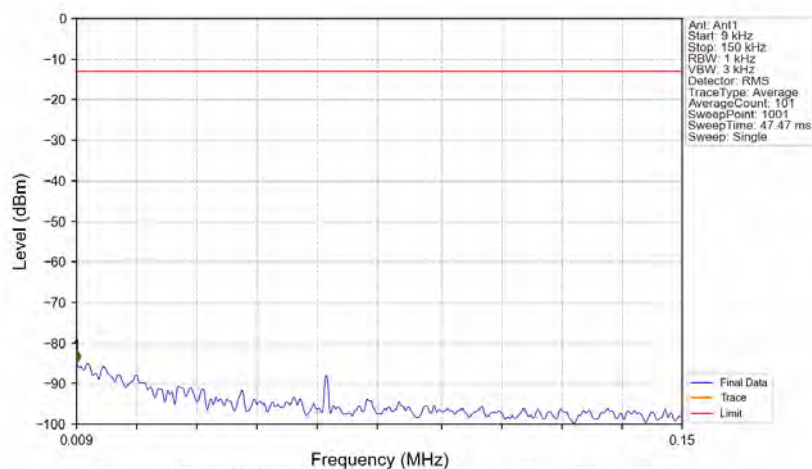


Band41 2687.5MHz AWGN SISO Ant1 NTN



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
10000	26900	1	/	1	26300.613	-54.58	-13	Pass

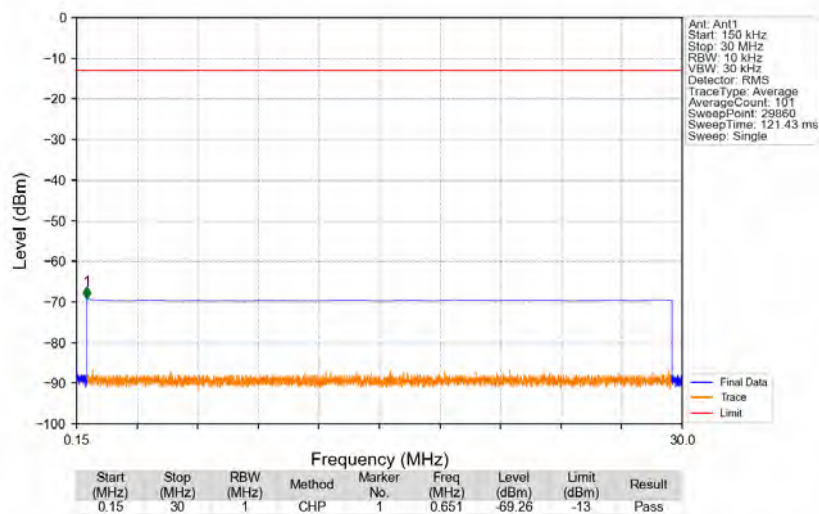
Band41 2496.2MHz GMSK SISO Ant1 NTN



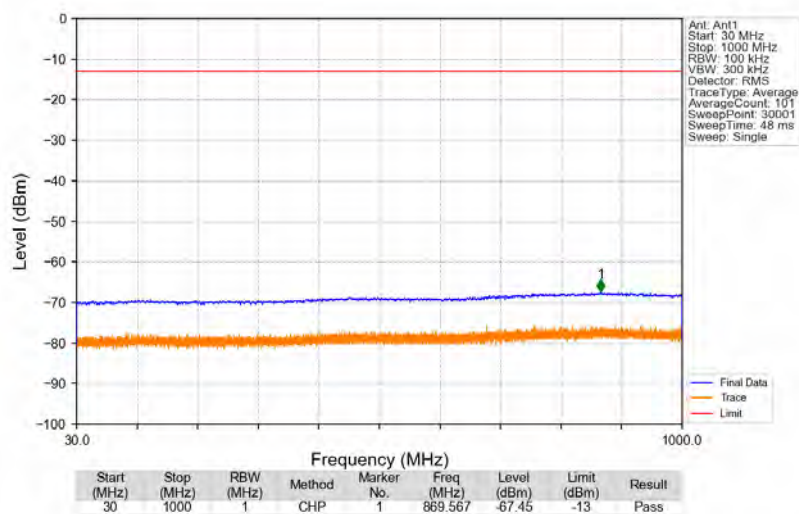
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
0.009	0.15	1	/	1	0.009	-84.83	-13	Pass



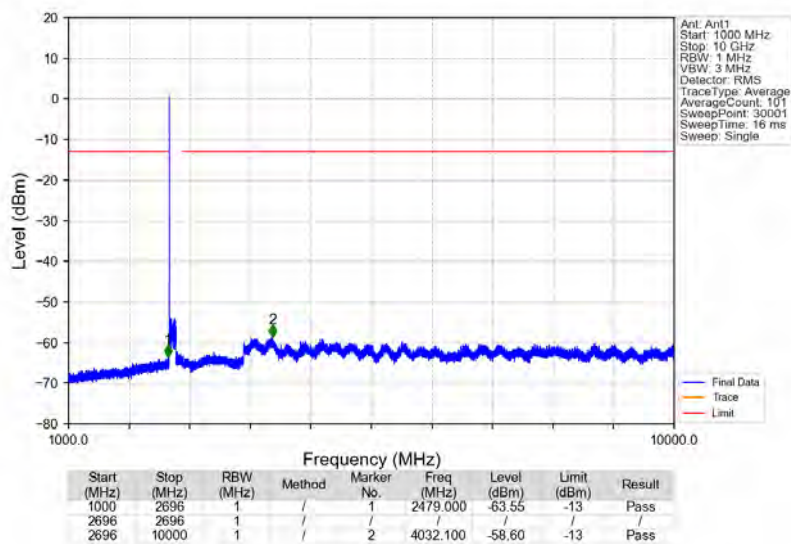
Band41 2496.2MHz GMSK SISO Ant1 NTN



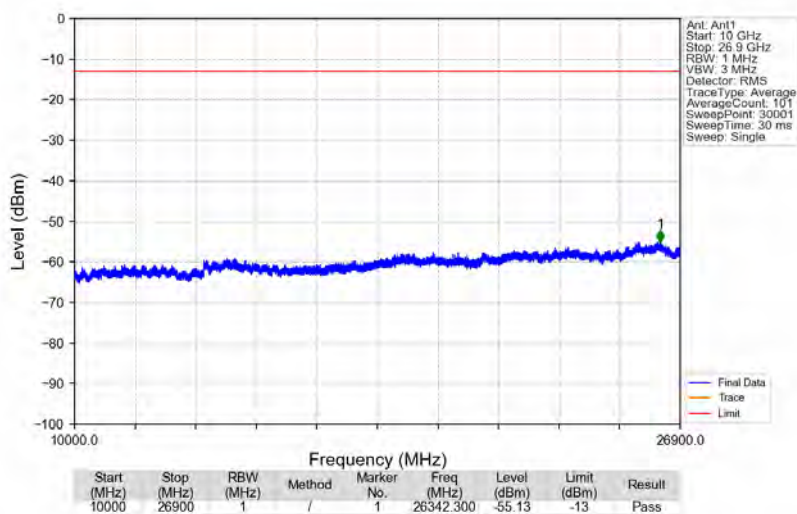
Band41 2496.2MHz GMSK SISO Ant1 NTN



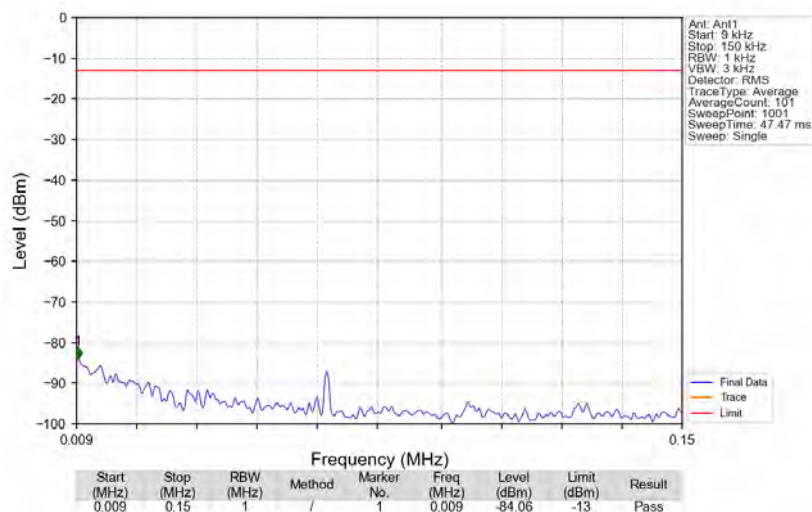
Band41 2496.2MHz GMSK SISO Ant1 NTN



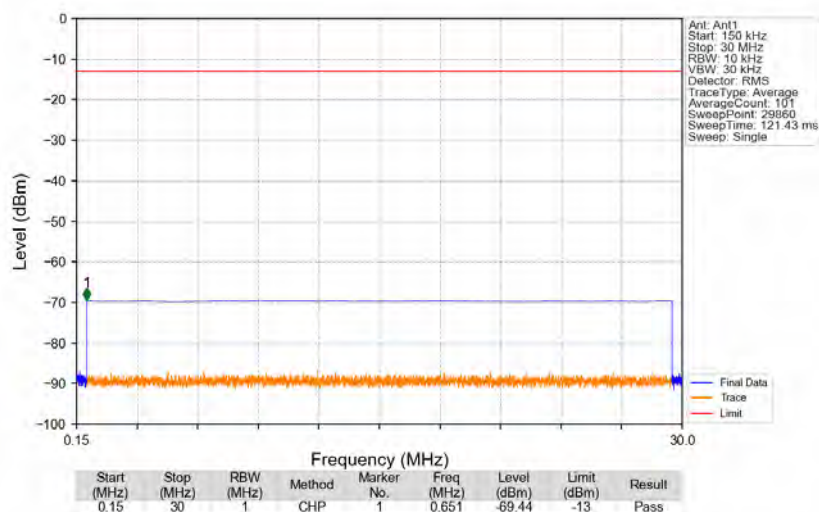
Band41 2496.2MHz GMSK SISO Ant1 NTN



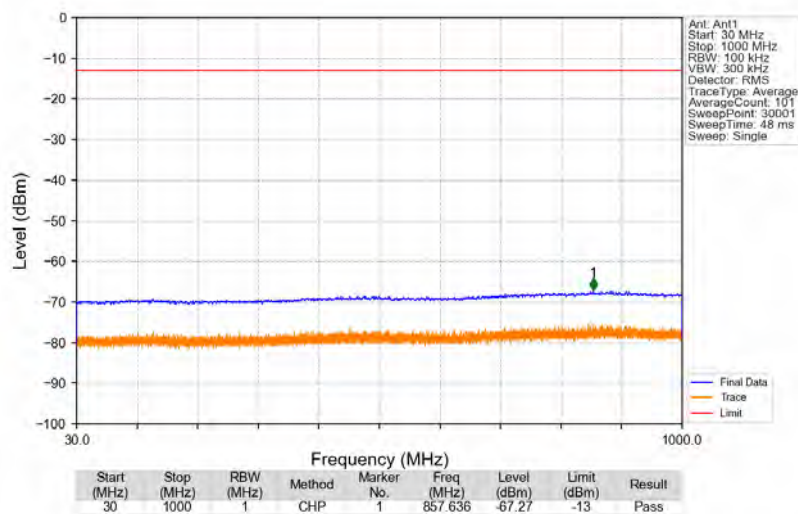
Band41_2593MHz_GMSK_SISO_Ant1_NTNV



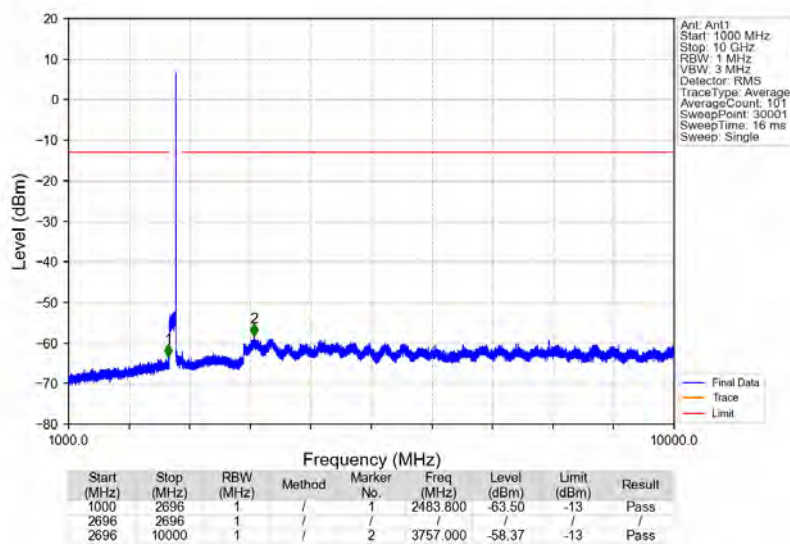
Band41_2593MHz_GMSK_SISO_Ant1_NTNV



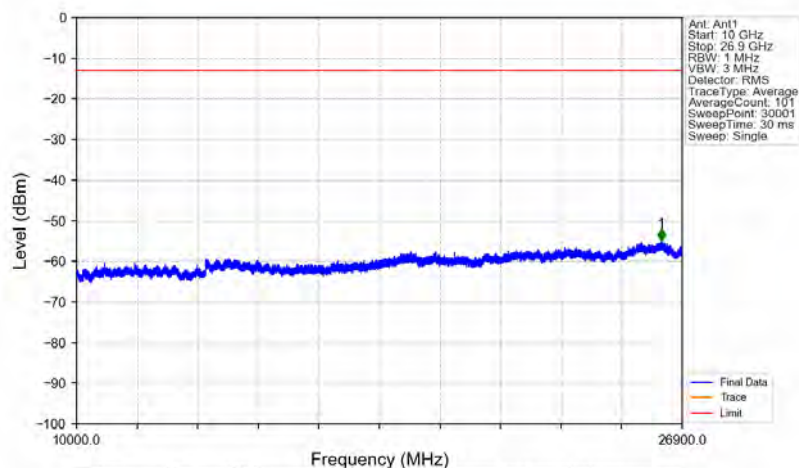
Band41_2593MHz_GMSK_SISO_Ant1_NTNV



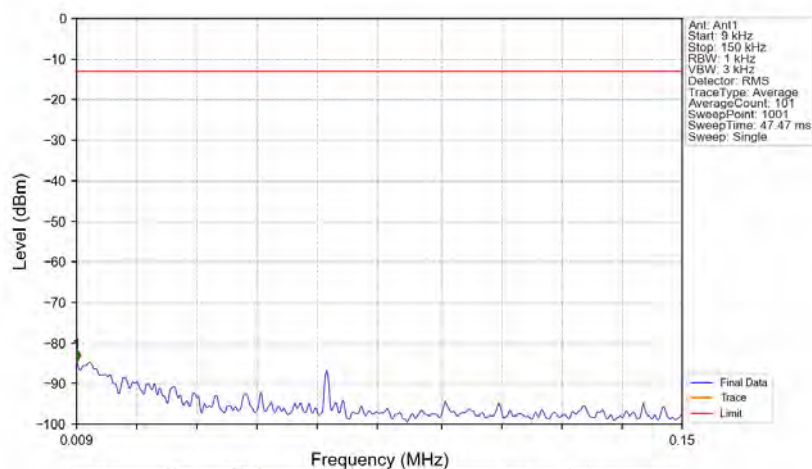
Band41_2593MHz_GMSK_SISO_Ant1_NTNV



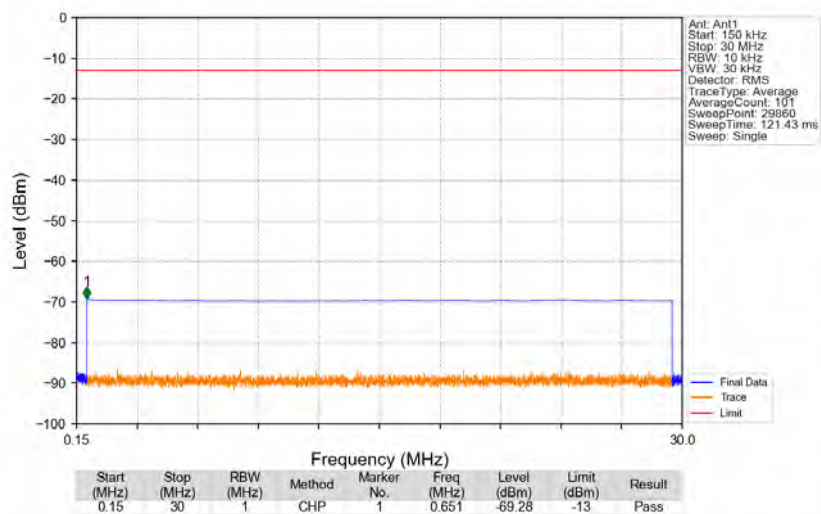
Band41_2593MHz_GMSK_SISO_Ant1_NTNV



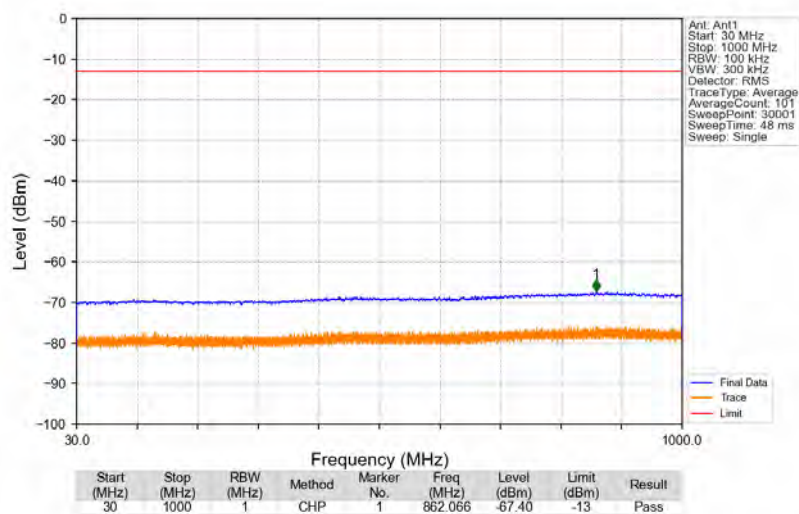
Band41_2689.8MHz_GMSK_SISO_Ant1_NTNV



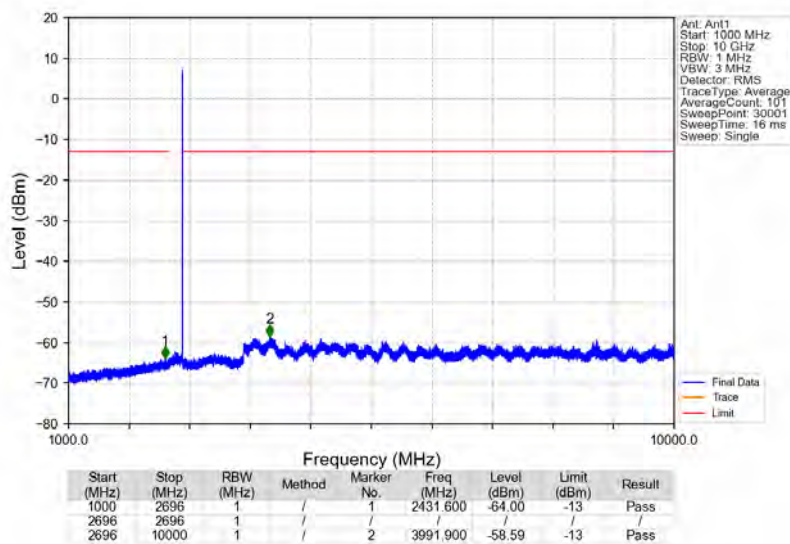
Band41 2689.8MHz GMSK SISO Ant1 NTN



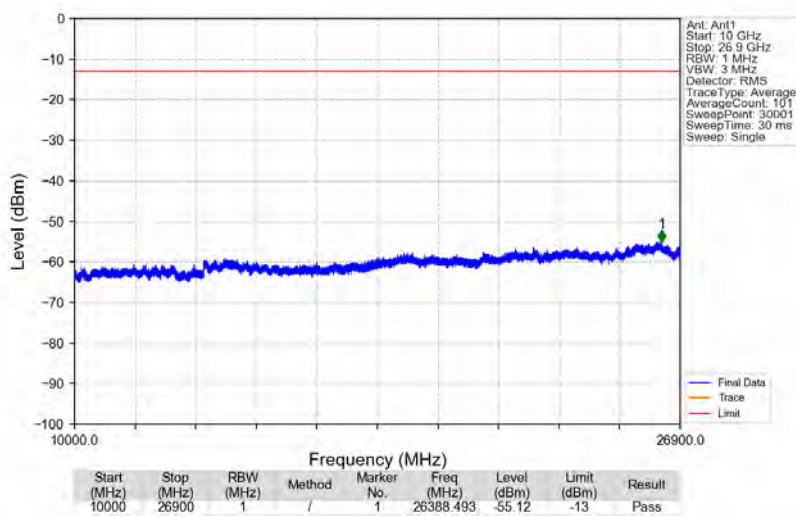
Band41 2689.8MHz GMSK SISO Ant1 NTN



Band41 2689.8MHz GMSK SISO Ant1 NTN



Band41 2689.8MHz GMSK SISO Ant1 NTN



For NR


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Member of the SGS Group (SGS SA)

Band41 2546MHz AWGN SISO Ant1 NTVN



Band41 2546MHz AWGN SISO Ant1 NTNV



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t (86-21) 61915666

f (86-21) 61915678
f (86-21) 61915678

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Band41 2593MHz AWGN SISO Ant1 NTN



Band41 2593MHz AWGN SISO Ant1 NTN



Band41 2593MHz AWGN SISO Ant1 NTN



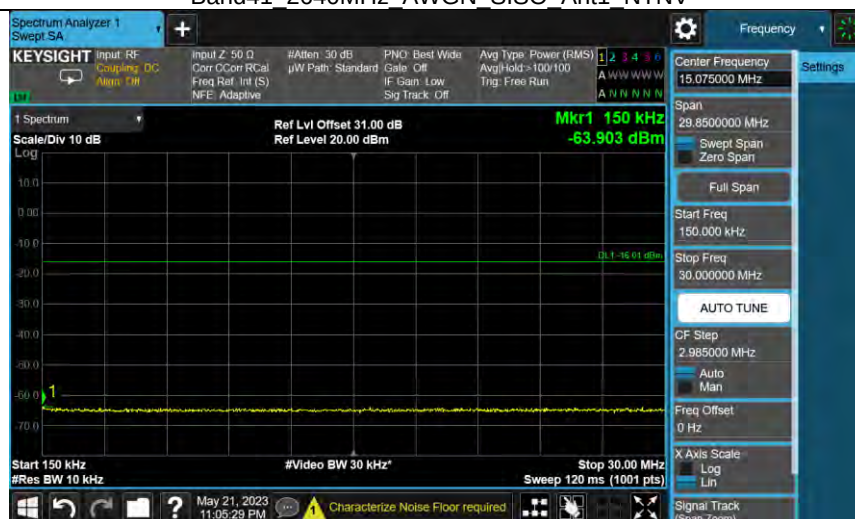
Band41 2593MHz AWGN SISO Ant1 NTN



Band41 2640MHz AWGN SISO Ant1 NTN



Band41 2640MHz AWGN SISO Ant1 NTN



Band41 2640MHz AWGN SISO Ant1 NTVN



Band41 2640MHz AWGN SISO Ant1 NTNV



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t (86-21) 61915666

f (86-21) 61915678
f (86-21) 61915678

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7. Frequency stability measurements

7.1 Band41_Ant1

7.1.1 Test Result

Band: 41 / NTV							
Signal			Temp (°C)	Voltage (VAC)	Result (MHz)	Limit (MHz)	Verdict
Type	Level (dBm)	Frequency (MHz)					
AWGN	-0.1	2498.5	20	102	2496.207	>2496	Pass
				120	2496.211	>2496	Pass
				138	2496.208	>2496	Pass
			-40	120	2496.210	>2496	Pass
				120	2496.209	>2496	Pass
				120	2496.212	>2496	Pass
			-20	120	2496.206	>2496	Pass
				120	2496.208	>2496	Pass
				120	2496.213	>2496	Pass
			30	120	2496.215	>2496	Pass
				120	2496.210	>2496	Pass
				120	2496.216	>2496	Pass
		2687.5	55	120	2496.209	>2496	Pass
				102	2689.784	<2690	Pass
				120	2689.790	<2690	Pass
			20	138	2689.786	<2690	Pass
				120	2689.789	<2690	Pass
				120	2689.791	<2690	Pass
			-40	120	2689.785	<2690	Pass
				120	2689.792	<2690	Pass
				120	2689.790	<2690	Pass
			-30	120	2689.787	<2690	Pass
				120	2689.788	<2690	Pass
				120	2689.786	<2690	Pass
			-20	120	2689.791	<2690	Pass
				120	2689.789	<2690	Pass
				120	2689.789	<2690	Pass
GMSK	-0.1	2496.2	20	102	2496.078	>2496	Pass
				120	2496.079	>2496	Pass
				138	2496.080	>2496	Pass
			-40	120	2496.075	>2496	Pass
				120	2496.077	>2496	Pass
				120	2496.076	>2496	Pass
			-20	120	2496.075	>2496	Pass
				120	2496.081	>2496	Pass
				120	2496.076	>2496	Pass
			30	120	2496.078	>2496	Pass
				120	2496.079	>2496	Pass
				120	2496.076	>2496	Pass
		2689.8	55	120	2496.080	>2496	Pass
				102	2689.923	<2690	Pass
				120	2689.925	<2690	Pass
			20	138	2689.922	<2690	Pass
				120	2689.925	<2690	Pass
				120	2689.926	<2690	Pass
			-40	120	2689.925	<2690	Pass
				120	2689.926	<2690	Pass



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t (86-21) 61915666
t (86-21) 61915666

f (86-21) 61915678
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			-20	120	2689.923	<2690	Pass
			-10	120	2689.921	<2690	Pass
			0	120	2689.920	<2690	Pass
			10	120	2689.923	<2690	Pass
			30	120	2689.924	<2690	Pass
			40	120	2689.925	<2690	Pass
			50	120	2689.922	<2690	Pass
			55	120	2689.926	<2690	Pass

For NR

Band: n41 / NTNV							
Signal			Temp (°C)	Voltage (VAC)	Result (MHz)	Limit (MHz)	Verdict
Type	Level (dBm)	Frequency (MHz)					
AWGN	-0.1	2546	20	102	2498.116	>2496	Pass
				120	2498.118	>2496	Pass
				138	2498.120	>2496	Pass
			-40	120	2498.115	>2496	Pass
				120	2498.117	>2496	Pass
				120	2498.118	>2496	Pass
			-10	120	2498.116	>2496	Pass
				120	2498.114	>2496	Pass
				120	2498.119	>2496	Pass
			0	120	2498.117	>2496	Pass
				120	2498.116	>2496	Pass
				120	2498.115	>2496	Pass
		2640	20	102	2687.905	<2690	Pass
				120	2687.907	<2690	Pass
				138	2687.906	<2690	Pass
			-40	120	2687.910	<2690	Pass
				120	2687.911	<2690	Pass
				120	2687.912	<2690	Pass
			-10	120	2687.908	<2690	Pass
				120	2687.905	<2690	Pass
				120	2687.906	<2690	Pass
			0	120	2687.908	<2690	Pass
				120	2687.910	<2690	Pass
				120	2687.911	<2690	Pass
			50	120	2687.911	<2690	Pass
				120	2687.907	<2690	Pass



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f (86-21) 61915678
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8. Radiated Spurious Emissions

8.1 Band41_Ant1

8.1.1 Test Result

For LTE

AWGN 2498.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization	dBm	dB	
366.8	Horizontal	-66.51	-13	-53.51	Pass
582.6	Horizontal	-63.77	-13	-50.77	Pass
962.0	Horizontal	-56.11	-13	-43.11	Pass
1359.3	Horizontal	-59.78	-13	-46.78	Pass
2882.1	Horizontal	-56.37	-13	-43.37	Pass
6493.6	Horizontal	-47.19	-13	-34.19	Pass
383.7	Vertical	-71.96	-13	-58.96	Pass
570.9	Vertical	-62.04	-13	-49.04	Pass
940.3	Vertical	-56.35	-13	-43.35	Pass
1344.3	Vertical	-57.47	-13	-44.47	Pass
2915.4	Vertical	-55.27	-13	-42.27	Pass
6515.1	Vertical	-50.44	-13	-37.44	Pass

AWGN 2593MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
	MHz	Polarization	dBm	dB	
373.5	Horizontal	-67.49	-13	-54.49	Pass
596.8	Horizontal	-65.65	-13	-52.65	Pass
927.0	Horizontal	-59.39	-13	-46.39	Pass
1374.1	Horizontal	-61.63	-13	-48.63	Pass
2875.9	Horizontal	-56.61	-13	-43.61	Pass
6504.2	Horizontal	-50.37	-13	-37.37	Pass
391.5	Vertical	-71.25	-13	-58.25	Pass
597.3	Vertical	-61.11	-13	-48.11	Pass
952.5	Vertical	-56.50	-13	-43.50	Pass
1332.8	Vertical	-60.92	-13	-47.92	Pass
2886.1	Vertical	-52.46	-13	-39.46	Pass
6524.1	Vertical	-50.53	-13	-37.53	Pass



AWGN 2687.5MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
392.0	Horizontal	-69.14	-13	-56.14	Pass
598.3	Horizontal	-66.92	-13	-53.92	Pass
969.7	Horizontal	-58.01	-13	-45.01	Pass
1346.8	Horizontal	-57.30	-13	-44.30	Pass
2883.8	Horizontal	-55.03	-13	-42.03	Pass
6488.4	Horizontal	-50.77	-13	-37.77	Pass
383.6	Vertical	-69.34	-13	-56.34	Pass
578.0	Vertical	-65.49	-13	-52.49	Pass
944.9	Vertical	-56.82	-13	-43.82	Pass
1326.5	Vertical	-61.70	-13	-48.70	Pass
2884.5	Vertical	-52.17	-13	-39.17	Pass
6512.0	Vertical	-49.64	-13	-36.64	Pass

GMSK 2496.2MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
365.3	Horizontal	-67.91	-13	-54.91	Pass
598.2	Horizontal	-66.25	-13	-53.25	Pass
944.7	Horizontal	-59.33	-13	-46.33	Pass
1354.3	Horizontal	-59.89	-13	-46.89	Pass
2924.9	Horizontal	-52.71	-13	-39.71	Pass
6512.9	Horizontal	-49.37	-13	-36.37	Pass
399.1	Vertical	-69.61	-13	-56.61	Pass
592.7	Vertical	-66.91	-13	-53.91	Pass
967.8	Vertical	-60.23	-13	-47.23	Pass
1336.7	Vertical	-57.67	-13	-44.67	Pass
2910.9	Vertical	-56.62	-13	-43.62	Pass
6479.2	Vertical	-47.88	-13	-34.88	Pass



GMSK 2593MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
389.1	Horizontal	-69.36	-13	-56.36	Pass
590.1	Horizontal	-63.76	-13	-50.76	Pass
940.9	Horizontal	-57.50	-13	-44.50	Pass
1340.6	Horizontal	-60.27	-13	-47.27	Pass
2889.5	Horizontal	-54.42	-13	-41.42	Pass
6516.4	Horizontal	-46.10	-13	-33.10	Pass
362.9	Vertical	-71.18	-13	-58.18	Pass
597.9	Vertical	-63.06	-13	-50.06	Pass
952.9	Vertical	-61.83	-13	-48.83	Pass
1337.9	Vertical	-57.03	-13	-44.03	Pass
2894.3	Vertical	-55.30	-13	-42.30	Pass
6524.0	Vertical	-51.35	-13	-38.35	Pass

GMSK 2689.8MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
370.4	Horizontal	-70.99	-13	-57.99	Pass
567.1	Horizontal	-62.34	-13	-49.34	Pass
955.3	Horizontal	-61.85	-13	-48.85	Pass
1328.2	Horizontal	-59.19	-13	-46.19	Pass
2920.2	Horizontal	-53.00	-13	-40.00	Pass
6490.1	Horizontal	-48.27	-13	-35.27	Pass
357.6	Vertical	-68.00	-13	-55.00	Pass
589.5	Vertical	-61.03	-13	-48.03	Pass
949.1	Vertical	-57.02	-13	-44.02	Pass
1337.7	Vertical	-61.43	-13	-48.43	Pass
2885.7	Vertical	-52.00	-13	-39.00	Pass
6477.1	Vertical	-51.66	-13	-38.66	Pass



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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学院创业园伟业路10号 邮编 215300

t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

For NR

AWGN 2546MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
382.2	Horizontal	-67.72	-13	-54.72	Pass
594.0	Horizontal	-61.11	-13	-48.11	Pass
971.4	Horizontal	-56.23	-13	-43.23	Pass
1356.2	Horizontal	-61.74	-13	-48.74	Pass
2894.0	Horizontal	-56.80	-13	-43.80	Pass
6513.3	Horizontal	-51.39	-13	-38.39	Pass
370.3	Vertical	-68.77	-13	-55.77	Pass
609.3	Vertical	-63.38	-13	-50.38	Pass
964.4	Vertical	-59.03	-13	-46.03	Pass
1344.1	Vertical	-59.55	-13	-46.55	Pass
2893.3	Vertical	-54.70	-13	-41.70	Pass
6478.0	Vertical	-49.77	-13	-36.77	Pass

AWGN 2593MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
384.7	Horizontal	-71.37	-13	-58.37	Pass
581.6	Horizontal	-62.06	-13	-49.06	Pass
955.9	Horizontal	-61.25	-13	-48.25	Pass
1350.6	Horizontal	-58.42	-13	-45.42	Pass
2909.2	Horizontal	-51.58	-13	-38.58	Pass
6486.0	Horizontal	-47.14	-13	-34.14	Pass
367.9	Vertical	-66.32	-13	-53.32	Pass
584.8	Vertical	-61.60	-13	-48.60	Pass
932.5	Vertical	-58.45	-13	-45.45	Pass
1334.0	Vertical	-57.14	-13	-44.14	Pass
2890.4	Vertical	-54.48	-13	-41.48	Pass
6479.4	Vertical	-47.91	-13	-34.91	Pass



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No.10, Weiye Road, Innovation Park, Kunshan, Jiangsu, China 215300
中国·江苏·昆山市留学生创业园伟业路10号 邮编 215300

t(86-512)57355888 f(86-512)57370818 www.sgsgroup.com.cn
t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

AWGN 2640MHz					
Frequency	Spurious Emission Polarization and Level		Limit	Over Limit	Verdict
MHz	Polarization	dBm	dBm	dB	
362.8	Horizontal	-67.63	-13	-54.63	Pass
563.3	Horizontal	-63.87	-13	-50.87	Pass
925.1	Horizontal	-59.72	-13	-46.72	Pass
1330.7	Horizontal	-59.62	-13	-46.62	Pass
2879.6	Horizontal	-54.39	-13	-41.39	Pass
6479.2	Horizontal	-46.62	-13	-33.62	Pass
356.3	Vertical	-69.64	-13	-56.64	Pass
600.2	Vertical	-62.19	-13	-49.19	Pass
935.0	Vertical	-58.77	-13	-45.77	Pass
1329.7	Vertical	-60.99	-13	-47.99	Pass
2895.3	Vertical	-56.61	-13	-43.61	Pass
6488.5	Vertical	-51.87	-13	-38.87	Pass



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t(86-512)57355888 f(86-512)57370818 www.sgs.com.cn
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