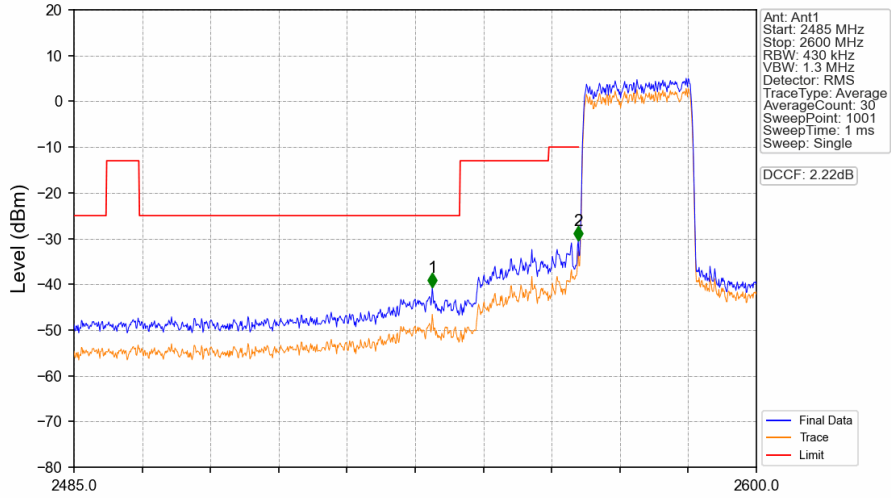
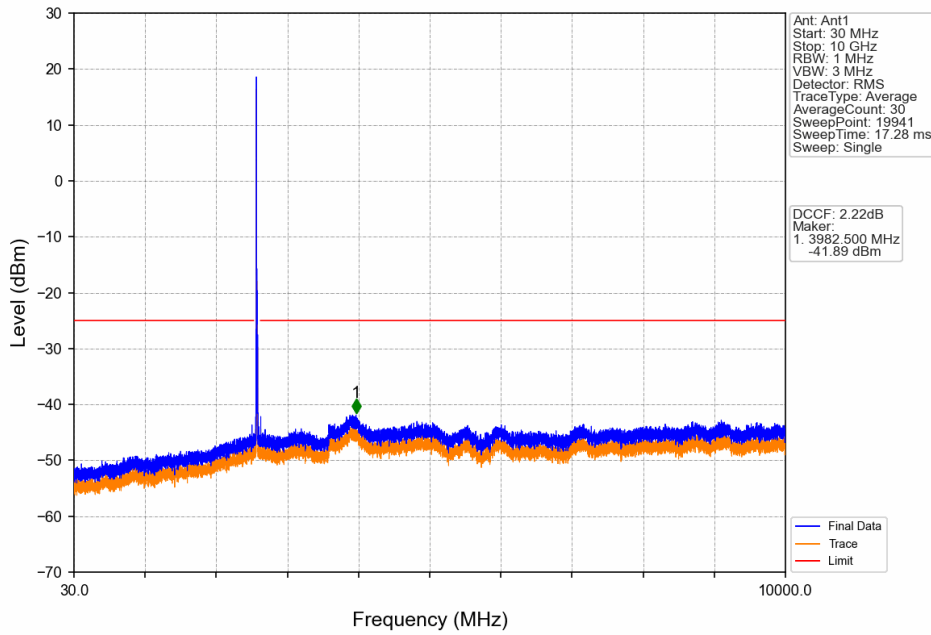


Band38 20MHz QPSK LCH 2580MHz RB 100 0 NTNV

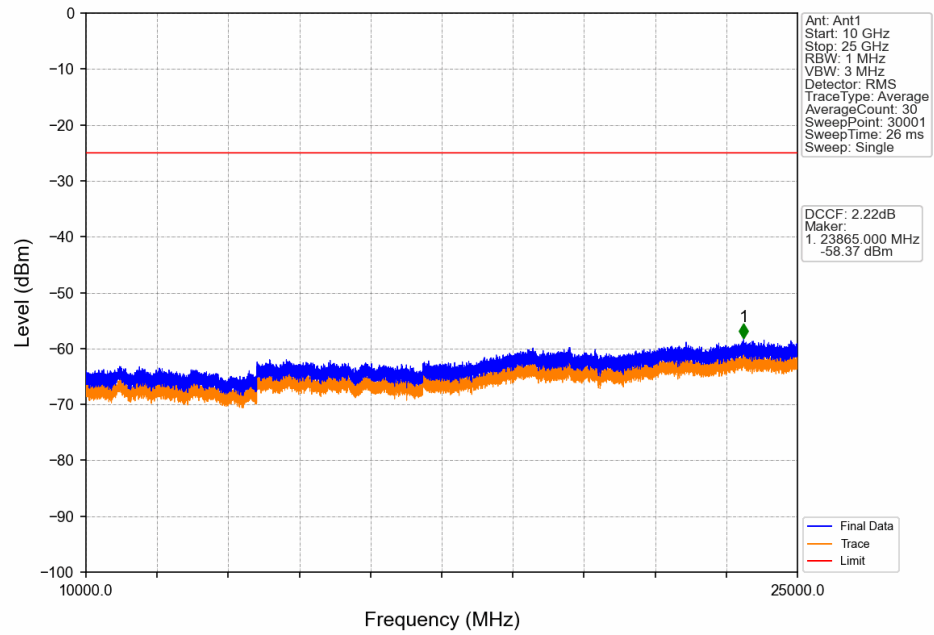


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	3.67	1	2545.375	-40.66	-25	Pass
2569	2570	0.43	0	2	2569.985	-30.46	-10	Pass
2570	2600	0.43	0	/	/	/	/	/

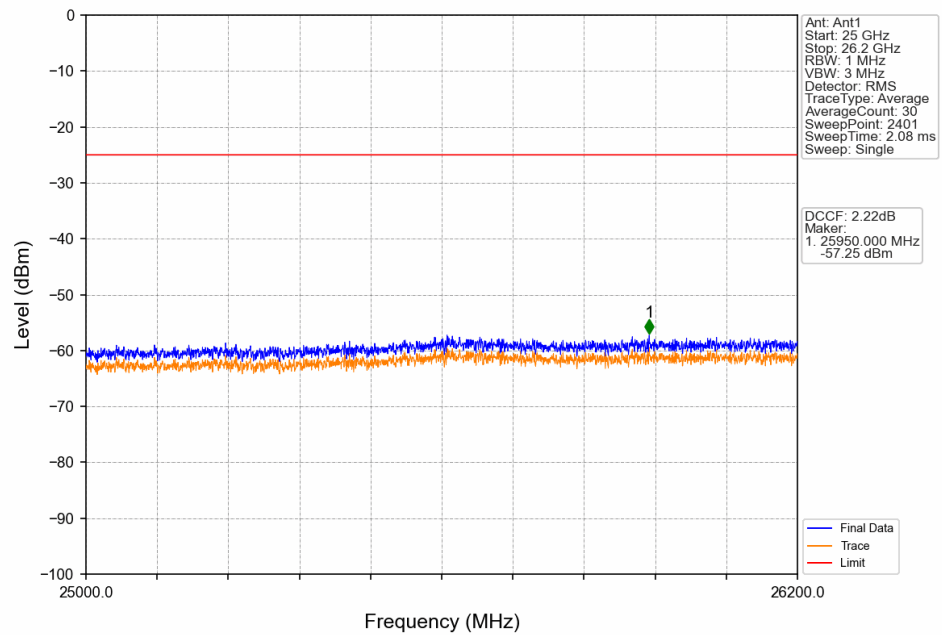
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



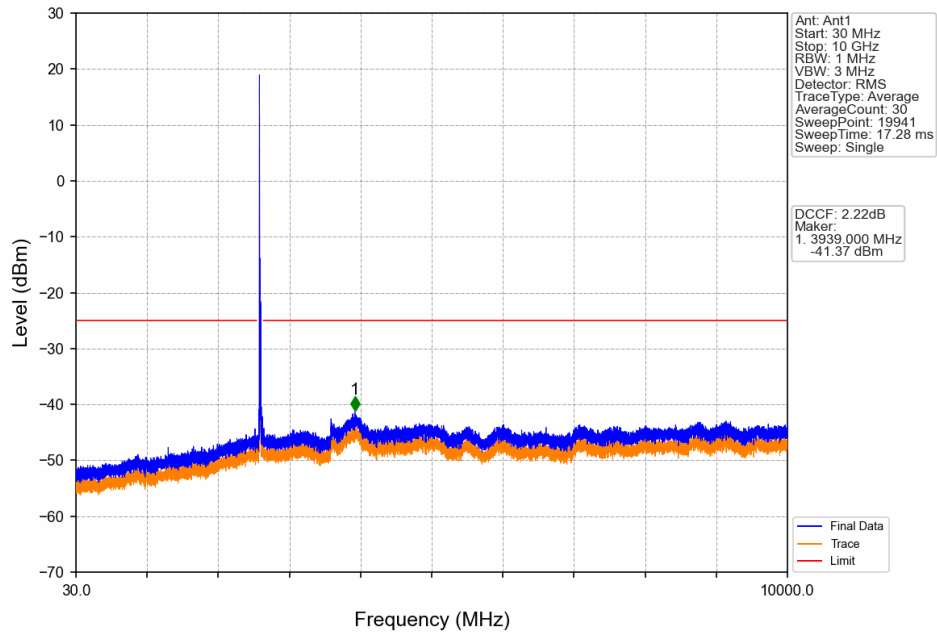
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



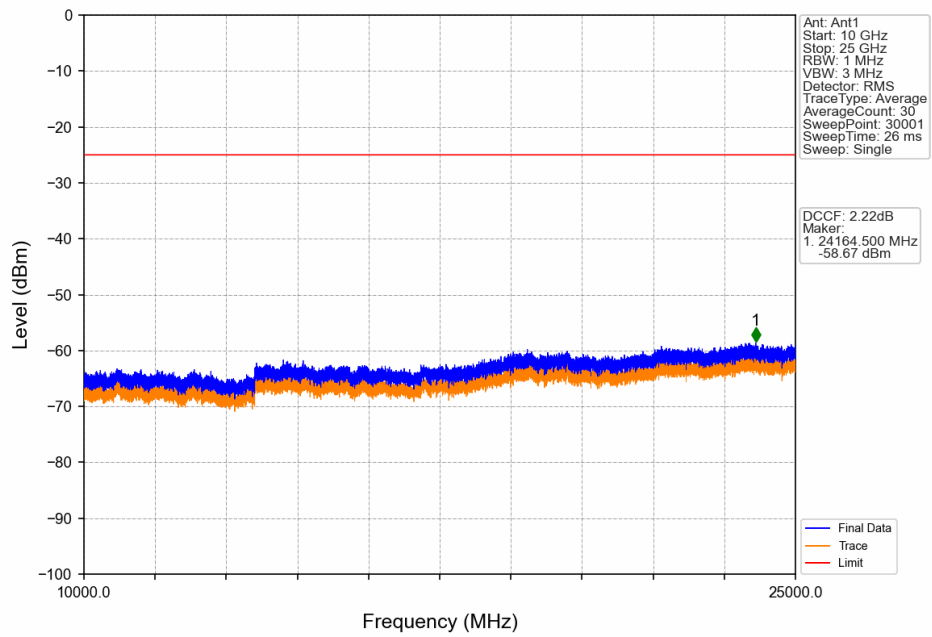
Band38 20MHz QPSK MCH 2595MHz RB 1 0 NTNV



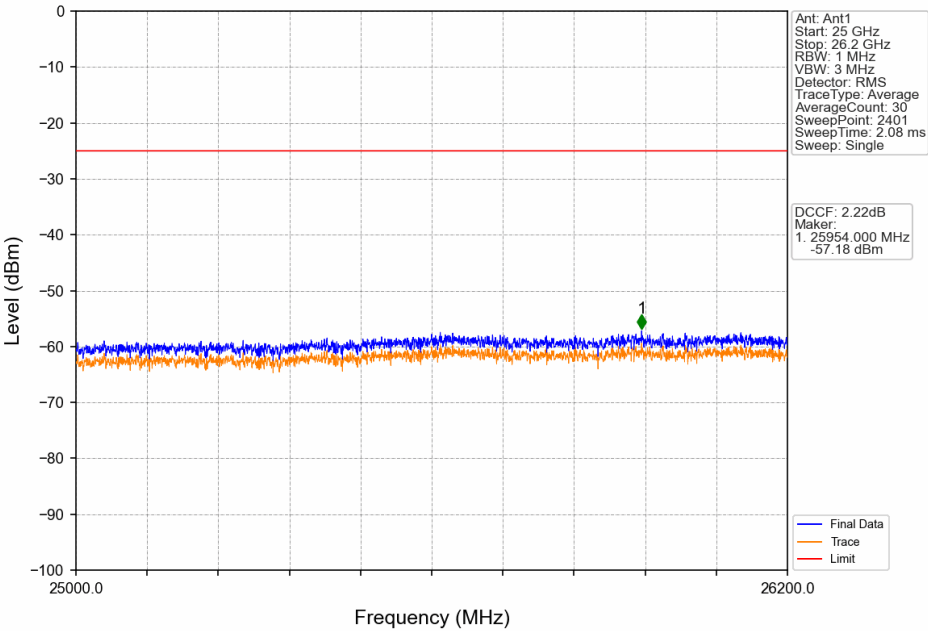
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



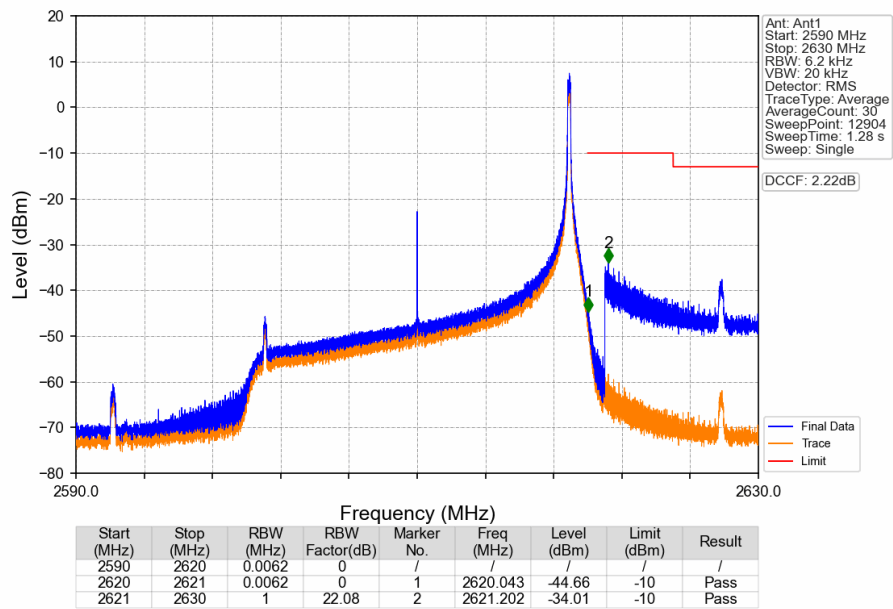
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



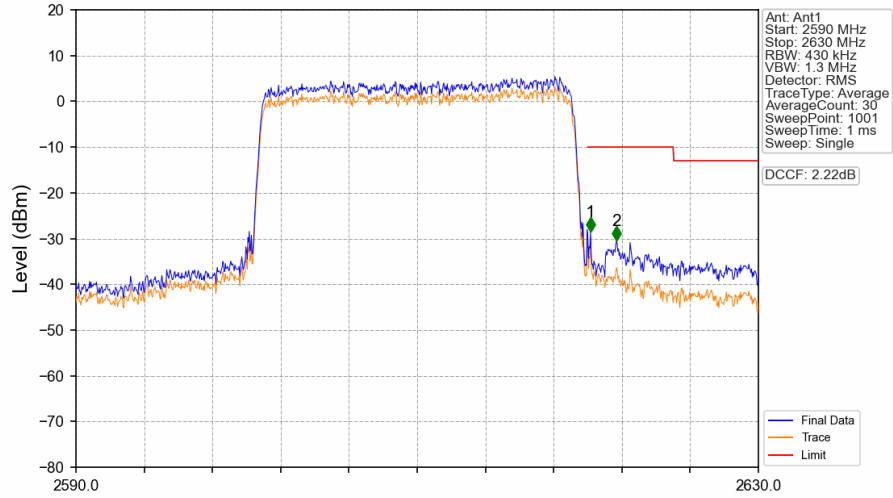
Band38 20MHz QPSK HCH 2610MHz RB 1 0 NTNV



Band38 20MHz QPSK HCH 2610MHz RB 1 99 NTNV

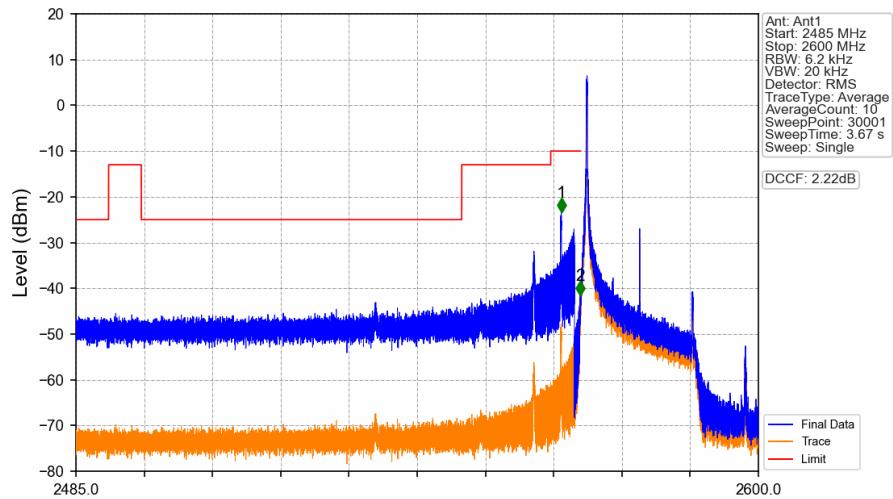


Band38 20MHz QPSK HCH 2610MHz RB 100 0 NTNV



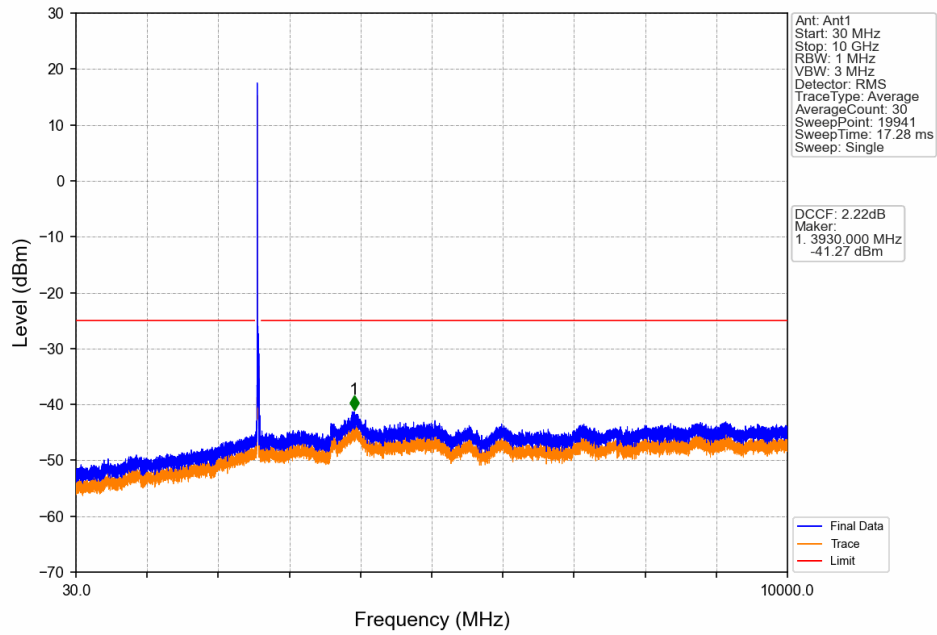
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.43	0	/	/	/	/	/
2620	2621	0.43	0	1	2620.160	-28.56	-10	Pass
2621	2630	1	3.67	2	2621.680	-30.41	-10	Pass

Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV

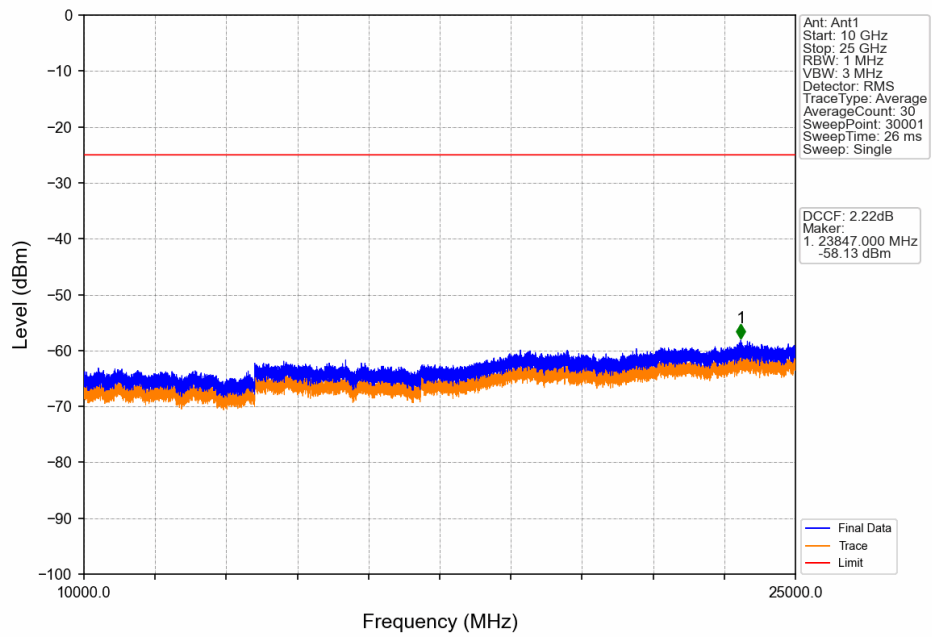


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	22.08	1	2566.769	-23.44	-10	Pass
2569	2570	0.0062	0	2	2569.974	-41.51	-10	Pass
2570	2600	0.0062	0	/	/	/	/	/

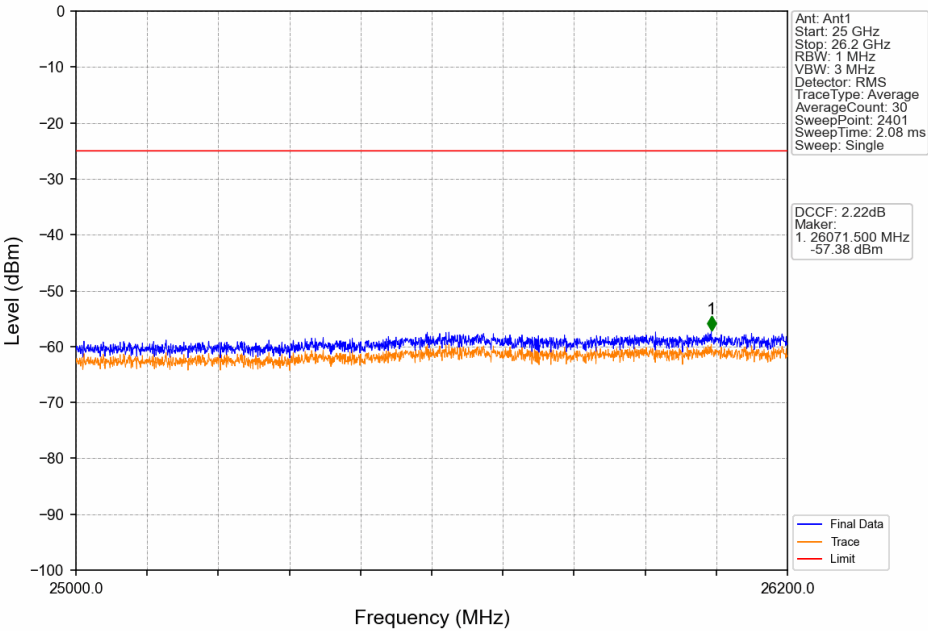
Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV



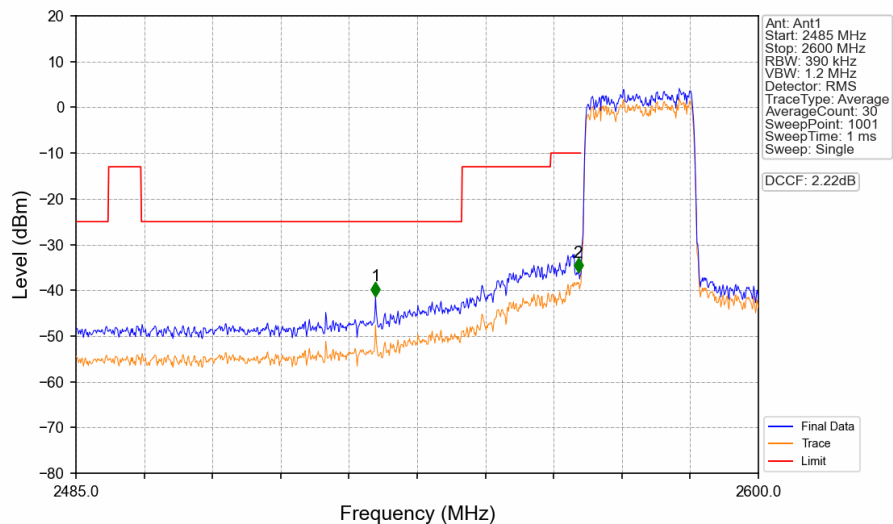
Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV



Band38 20MHz 16QAM LCH 2580MHz RB 1 0 NTNV

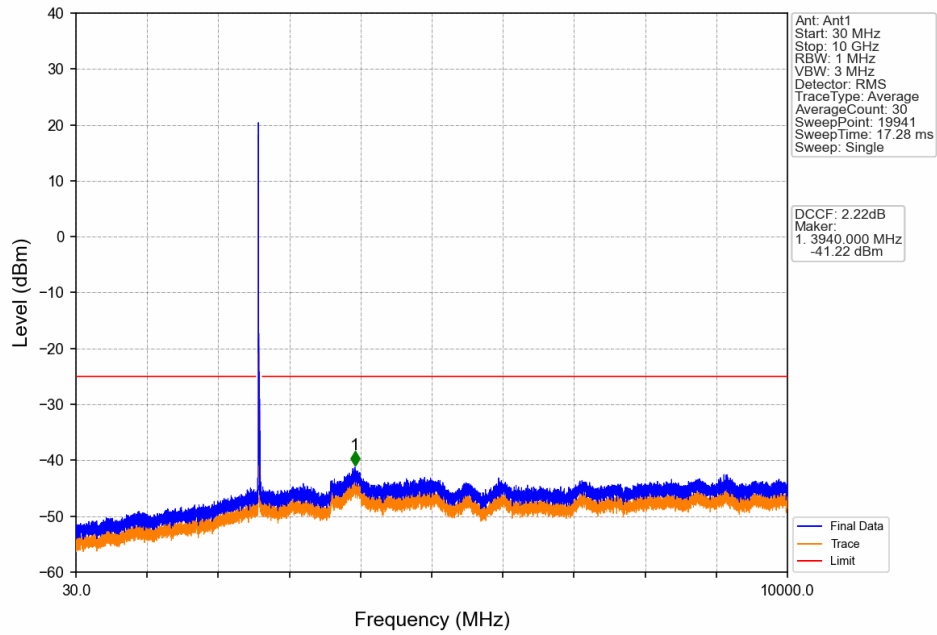


Band38 20MHz 16QAM LCH 2580MHz RB 100 0 NTNV

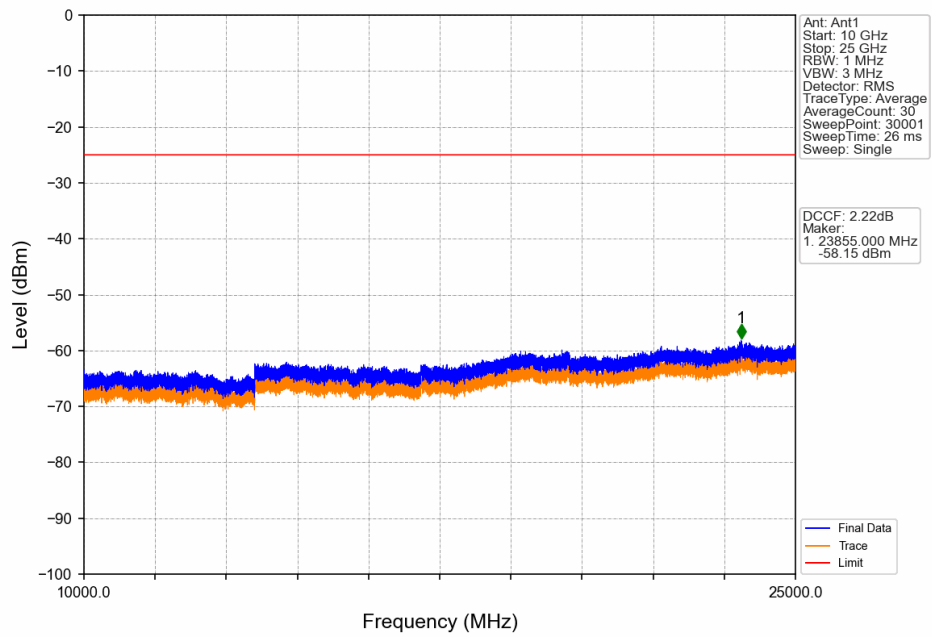


Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2485	2569	1	4.09	1	2535.485	-41.30	-25	Pass
2569	2570	0.39	0	2	2569.640	-36.04	-10	Pass
2570	2600	0.39	0	/	/	/	/	/

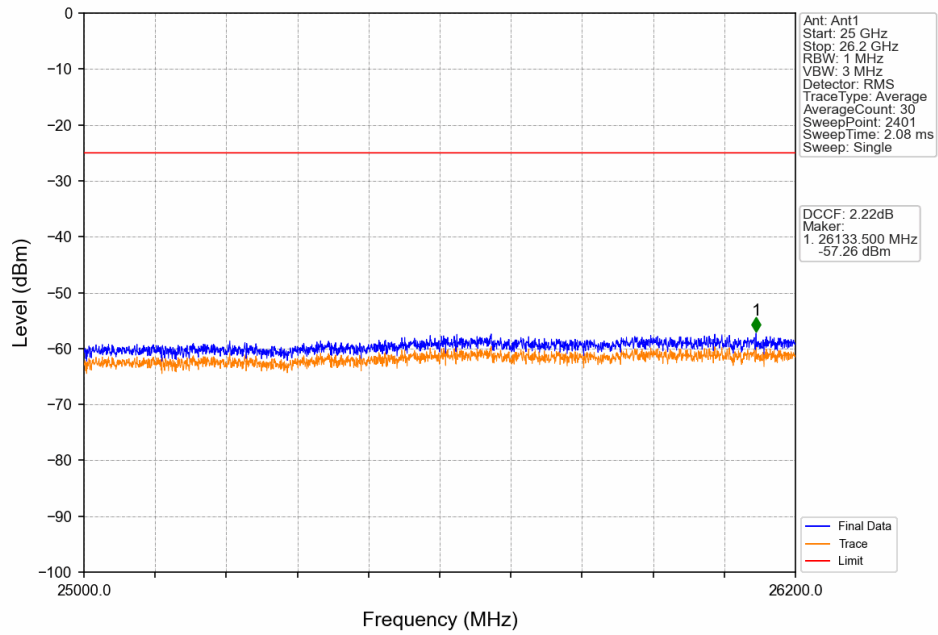
Band38 20MHz 16QAM MCH 2595MHz RB 1 0 NTNV



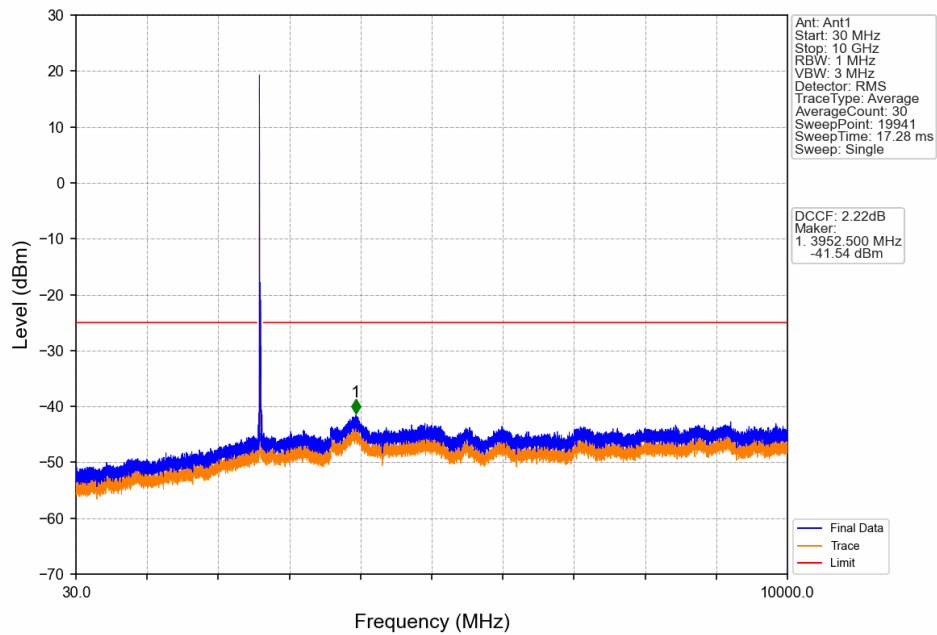
Band38 20MHz 16QAM MCH 2595MHz RB 1 0 NTNV



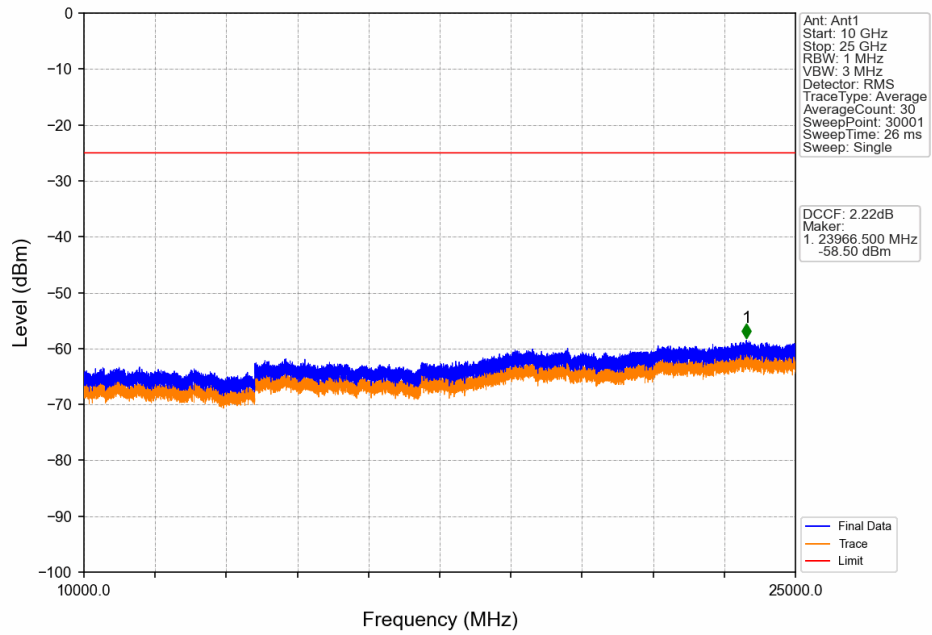
Band38 20MHz 16QAM MCH 2595MHz RB 1 0 NTNV



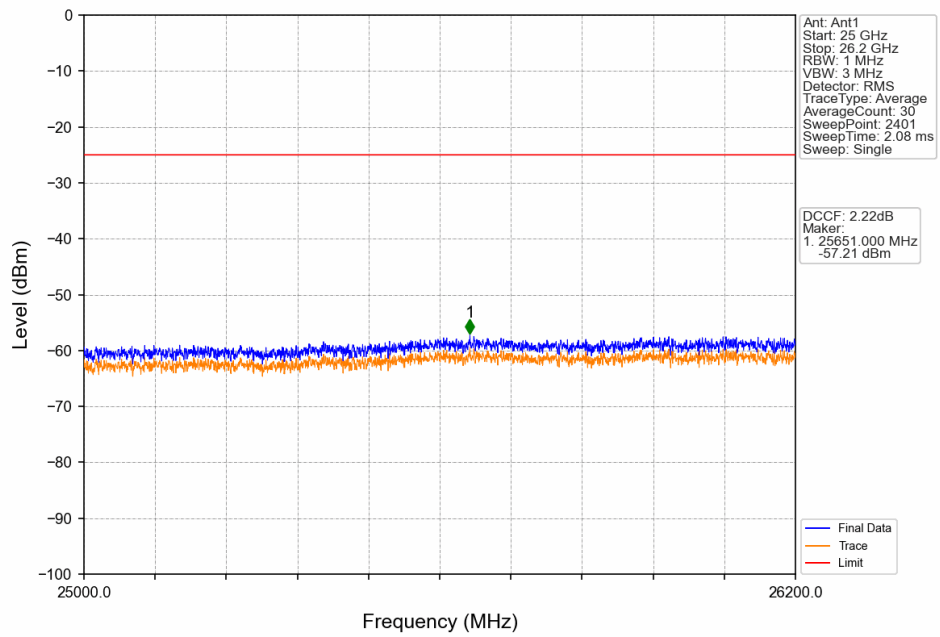
Band38 20MHz 16QAM HCH 2610MHz RB 1 0 NTNV



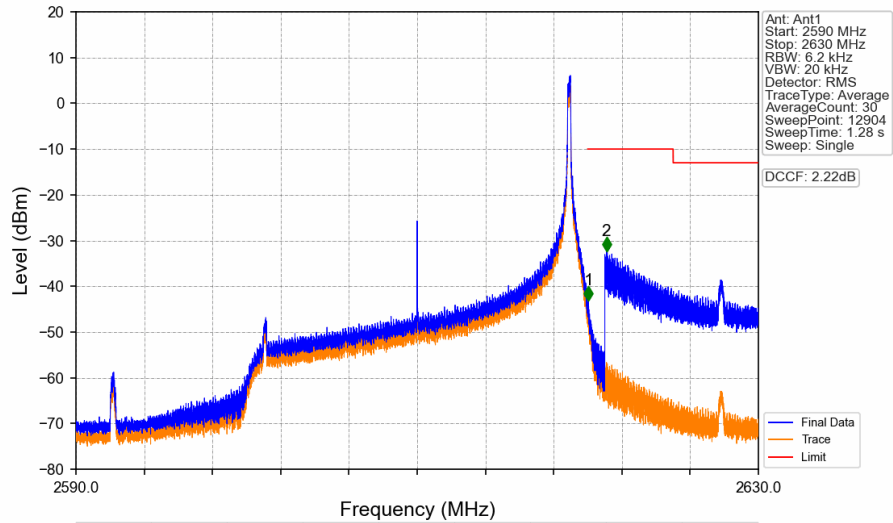
Band38 20MHz 16QAM HCH 2610MHz RB 1 0 NTNV



Band38 20MHz 16QAM HCH 2610MHz RB 1 0 NTNV

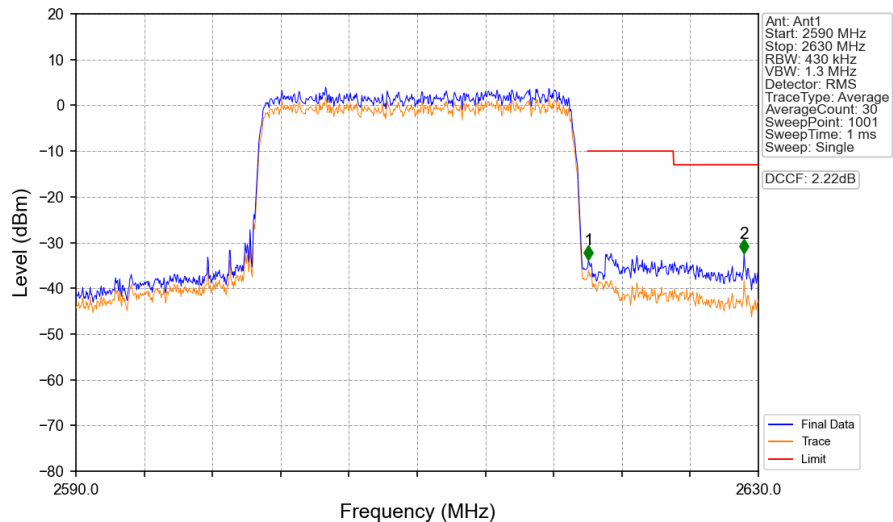


Band38 20MHz 16QAM HCH 2610MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.0062	0	/	/	/	/	/
2620	2621	0.0062	0	1	2620.046	-43.08	-10	Pass
2621	2630	1	22.08	2	2621.094	-32.30	-10	Pass

Band38 20MHz 16QAM HCH 2610MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2590	2620	0.43	0	/	/	/	/	/
2620	2621	0.43	0	1	2620.040	-33.84	-10	Pass
2621	2630	1	3.67	2	2629.160	-32.42	-13	Pass

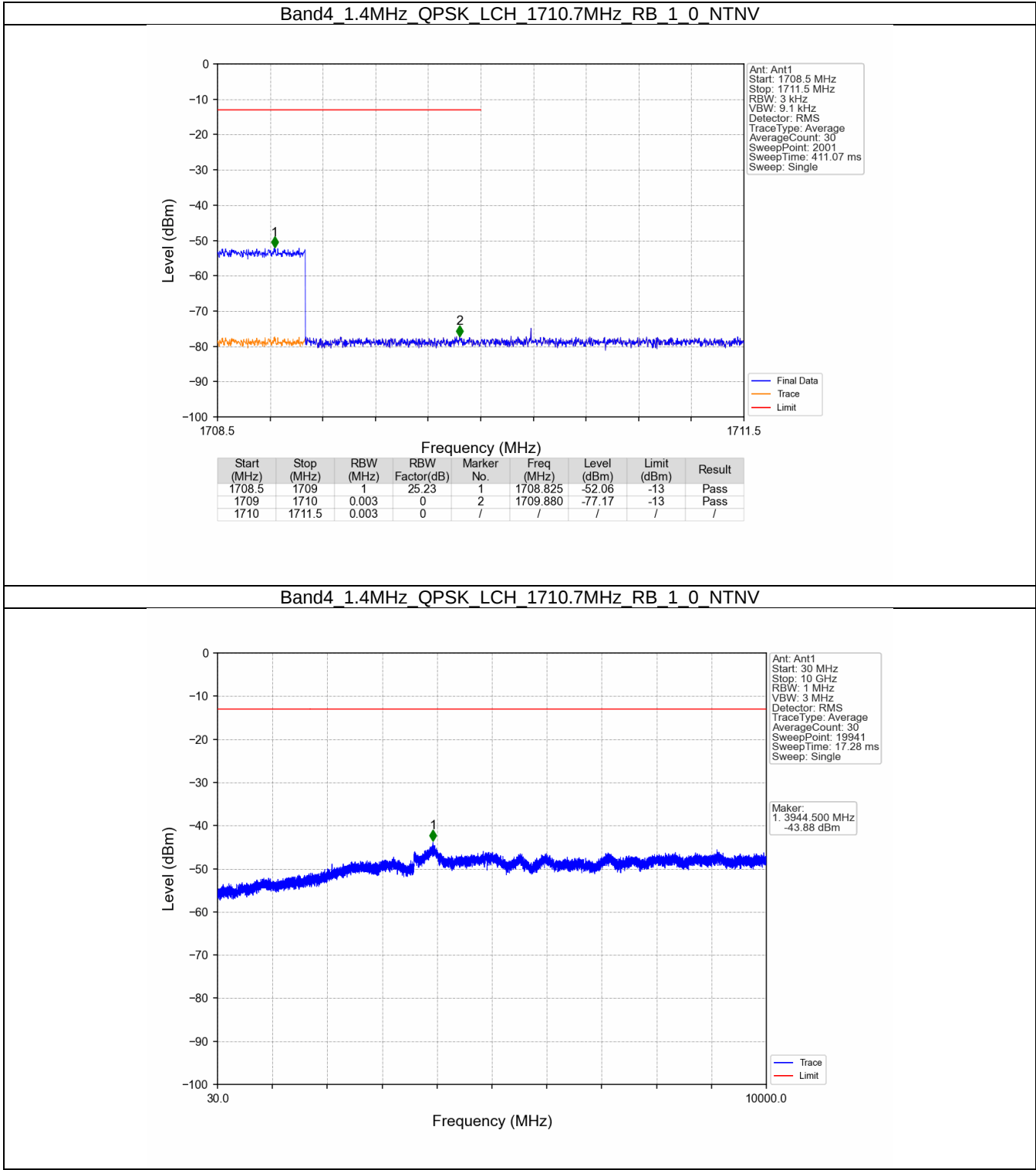
3. Spurious Emission

3.1 B4_1.4MHz

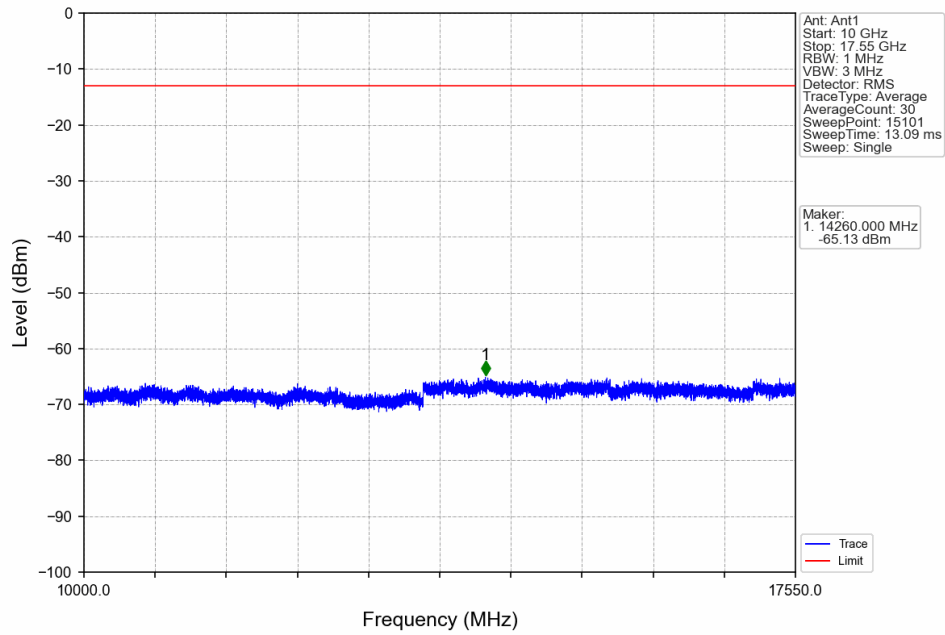
3.1.1 Test Result

Band: 4 / Bandwidth: 1.4MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1710.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1754.3	1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
16QAM	1710.7	1	0	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1754.3	1	0	Refer To Test Graph	Pass
			5	Refer To Test Graph	Pass
		6	0	Refer To Test Graph	Pass

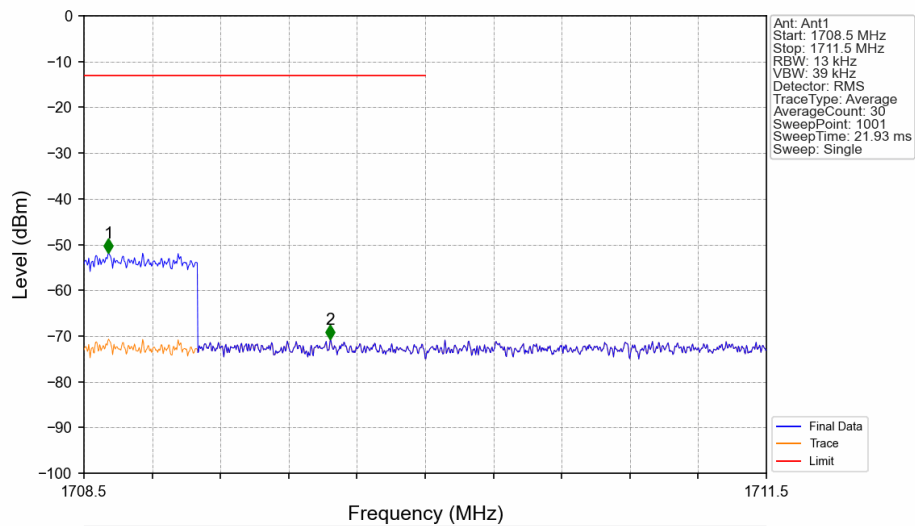
3.1.2 Test Graph



Band4 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

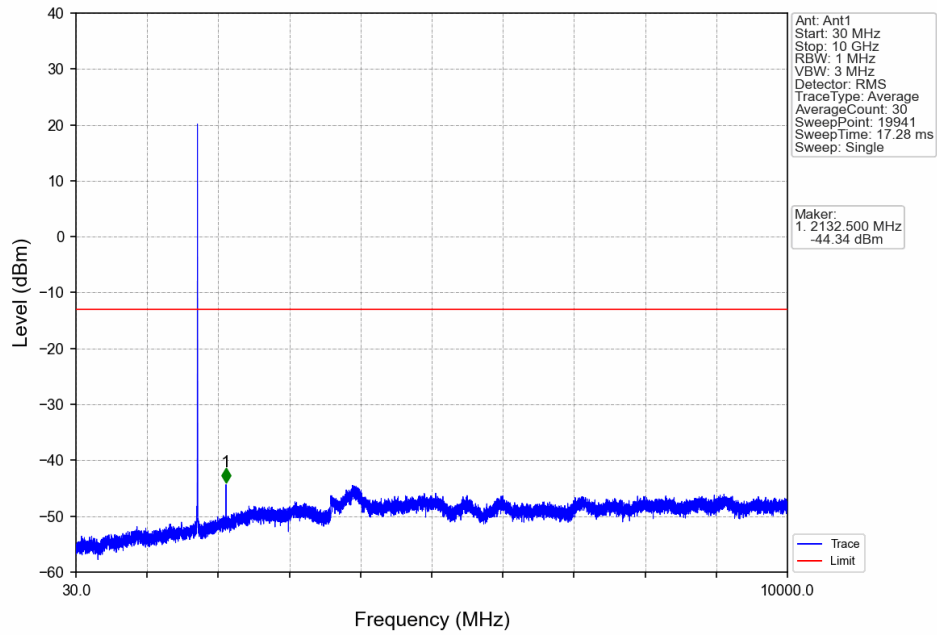


Band4 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

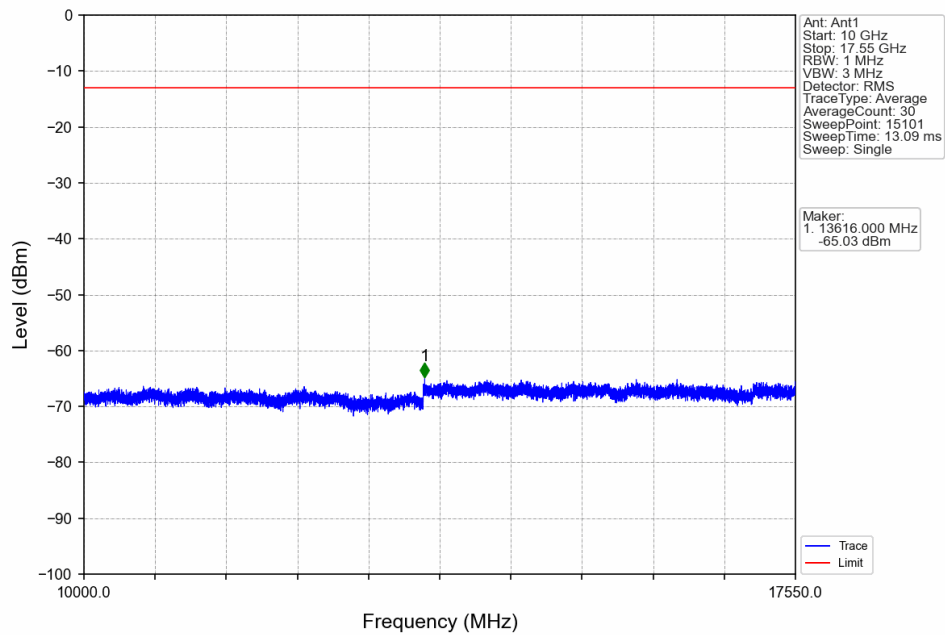


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	18.86	1	1708.608	-51.84	-13	Pass
1709	1710	0.013	0	2	1709.583	-70.74	-13	Pass
1710	1711.5	0.013	0	/	/	/	/	/

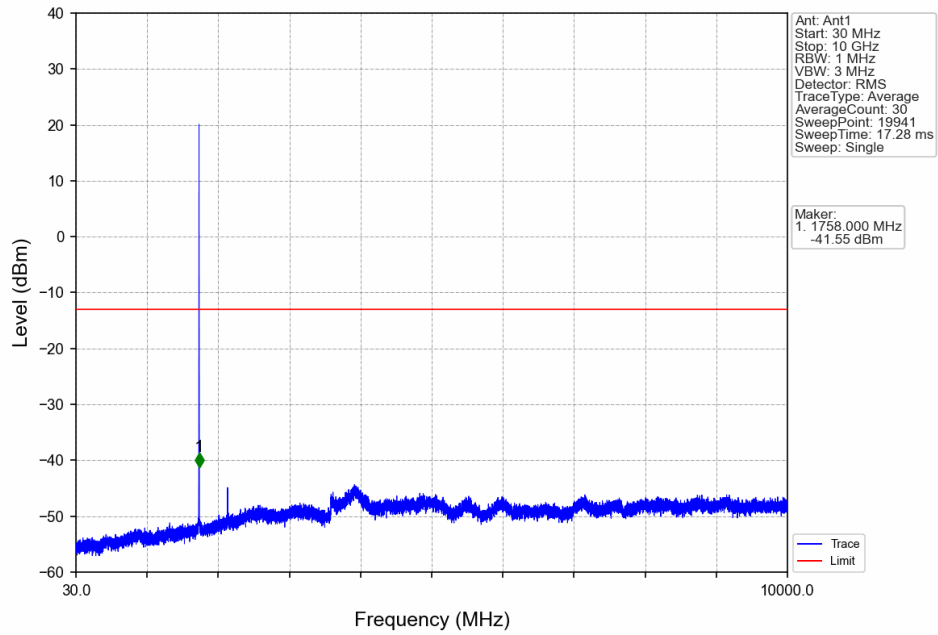
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



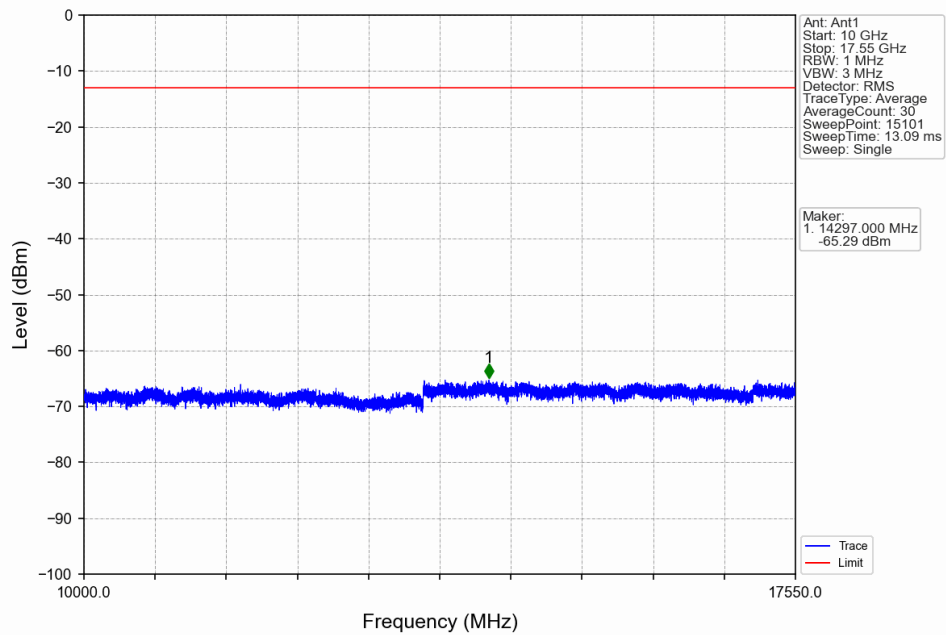
Band4 1.4MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



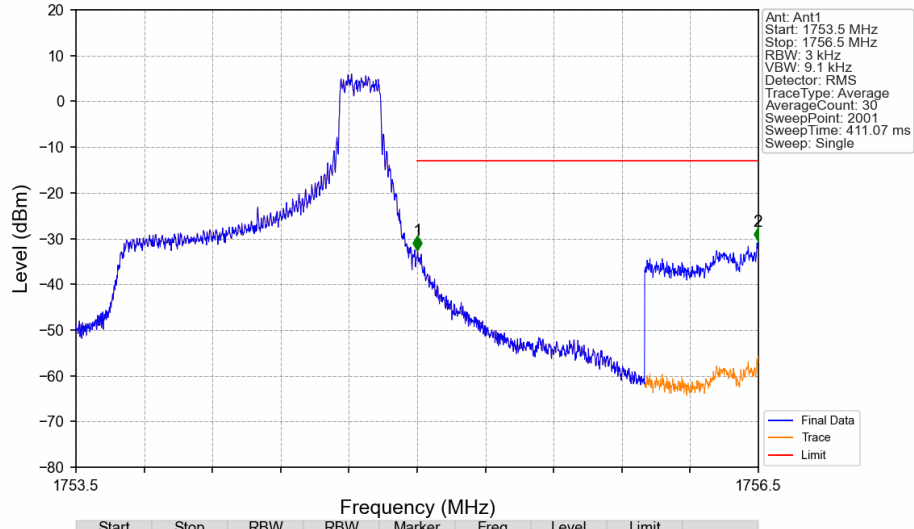
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



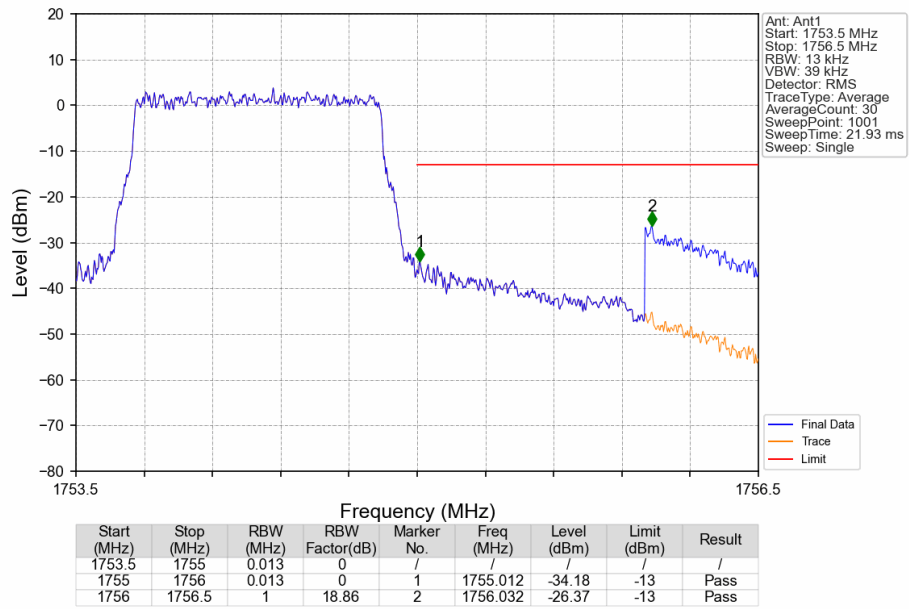
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 0 NTV



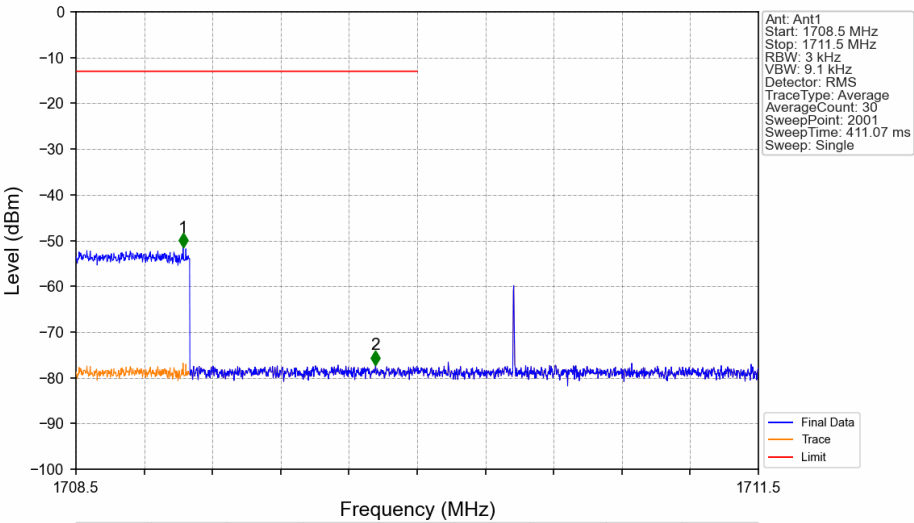
Band4 1.4MHz QPSK HCH 1754.3MHz RB 1 5 NTNV



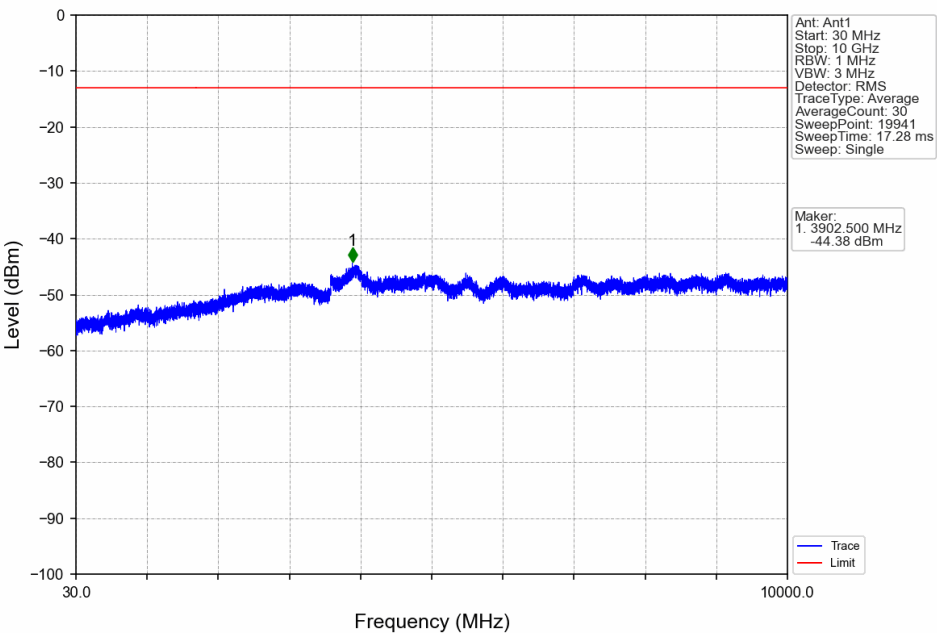
Band4 1.4MHz QPSK HCH 1754.3MHz RB 6 0 NTNV



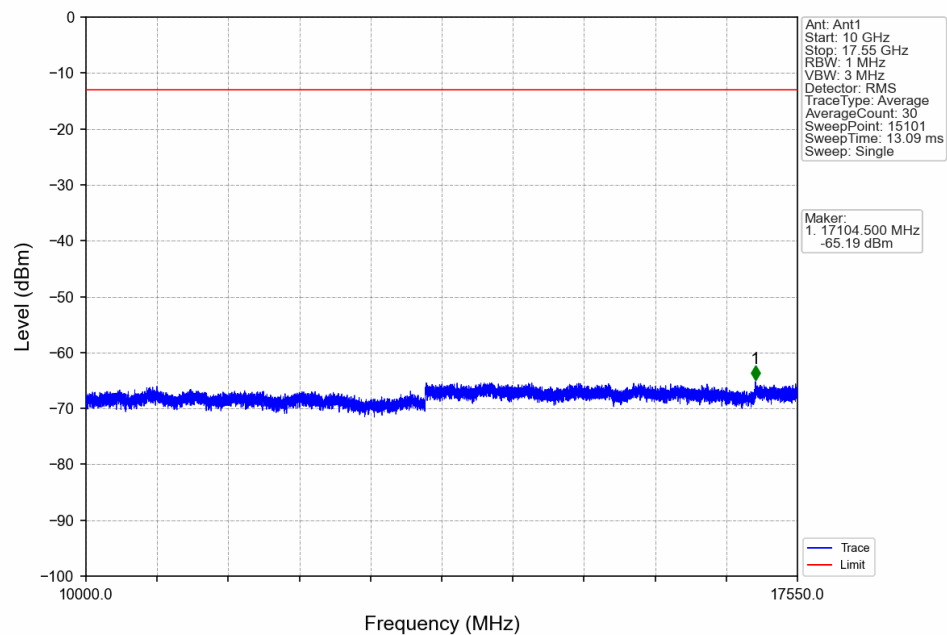
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



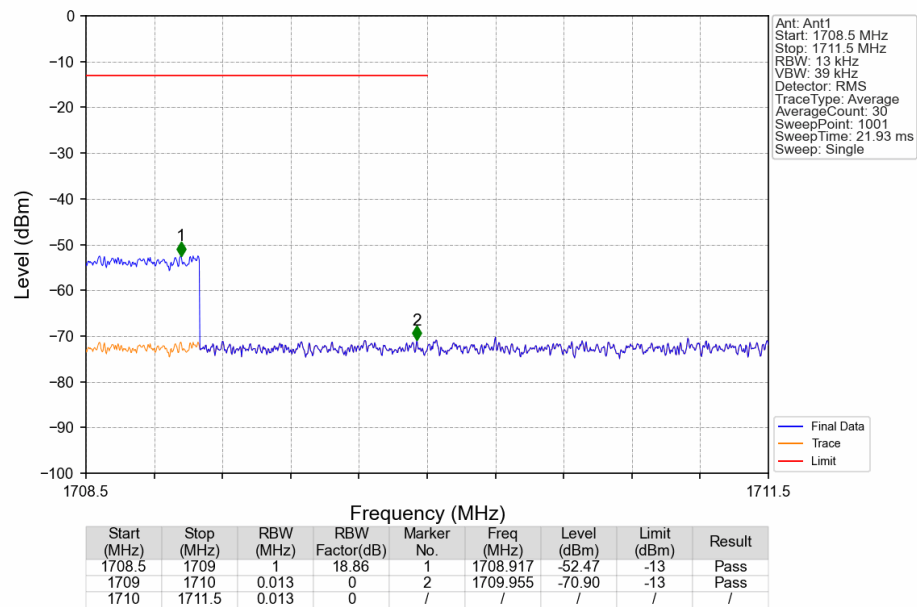
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV



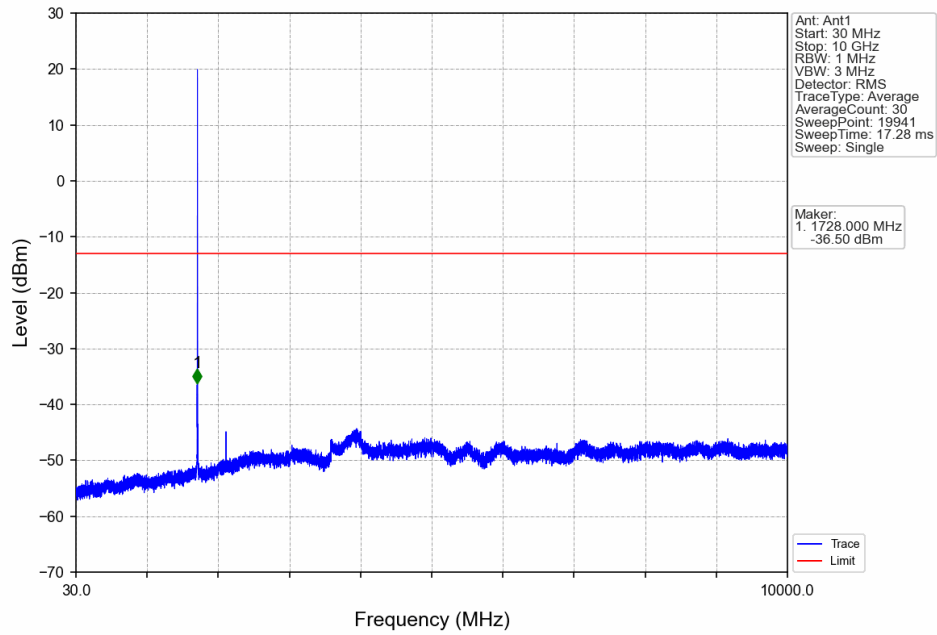
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTV



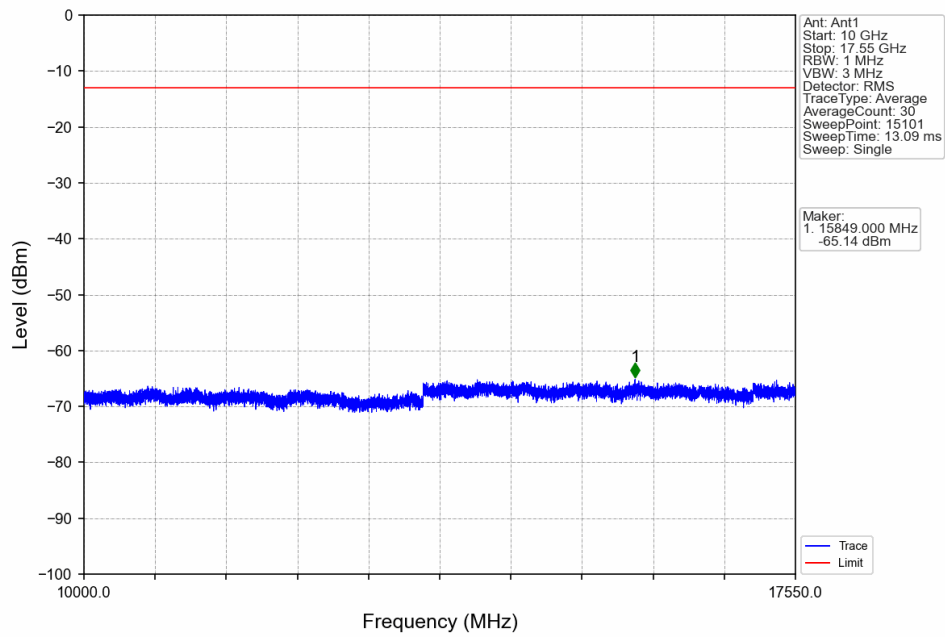
Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTV



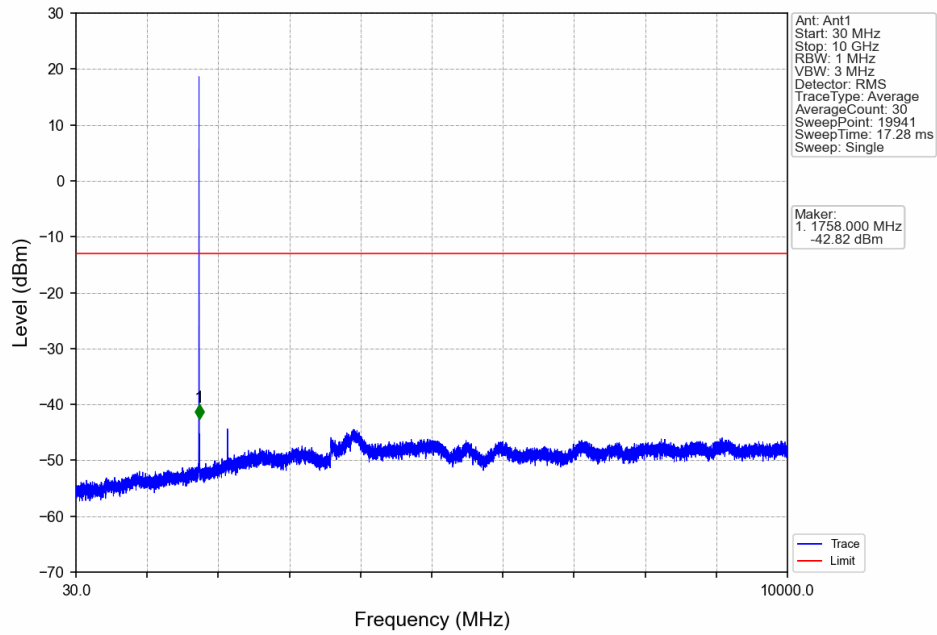
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



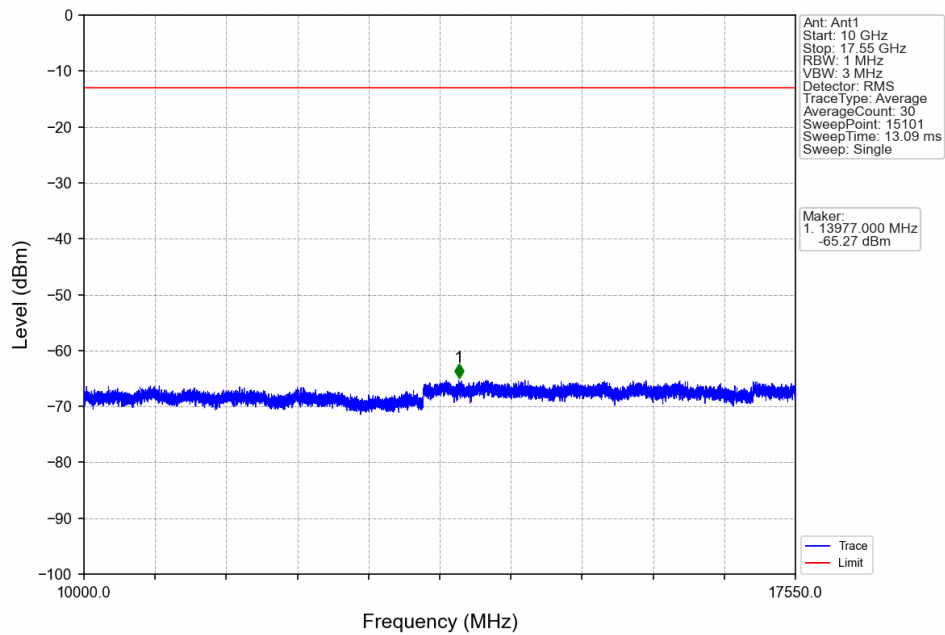
Band4 1.4MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



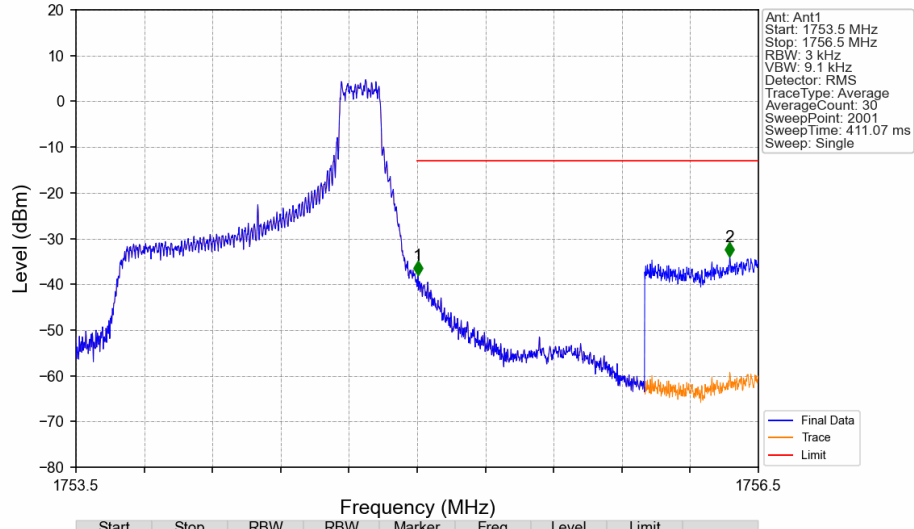
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



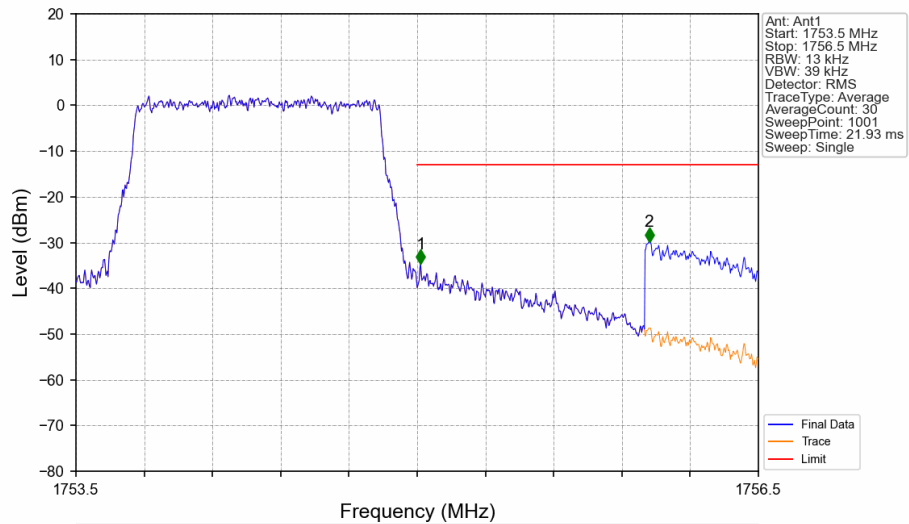
Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 0 NTNV



Band4 1.4MHz 16QAM HCH 1754.3MHz RB 1 5 NTNV



Band4 1.4MHz 16QAM HCH 1754.3MHz RB 6 0 NTNV

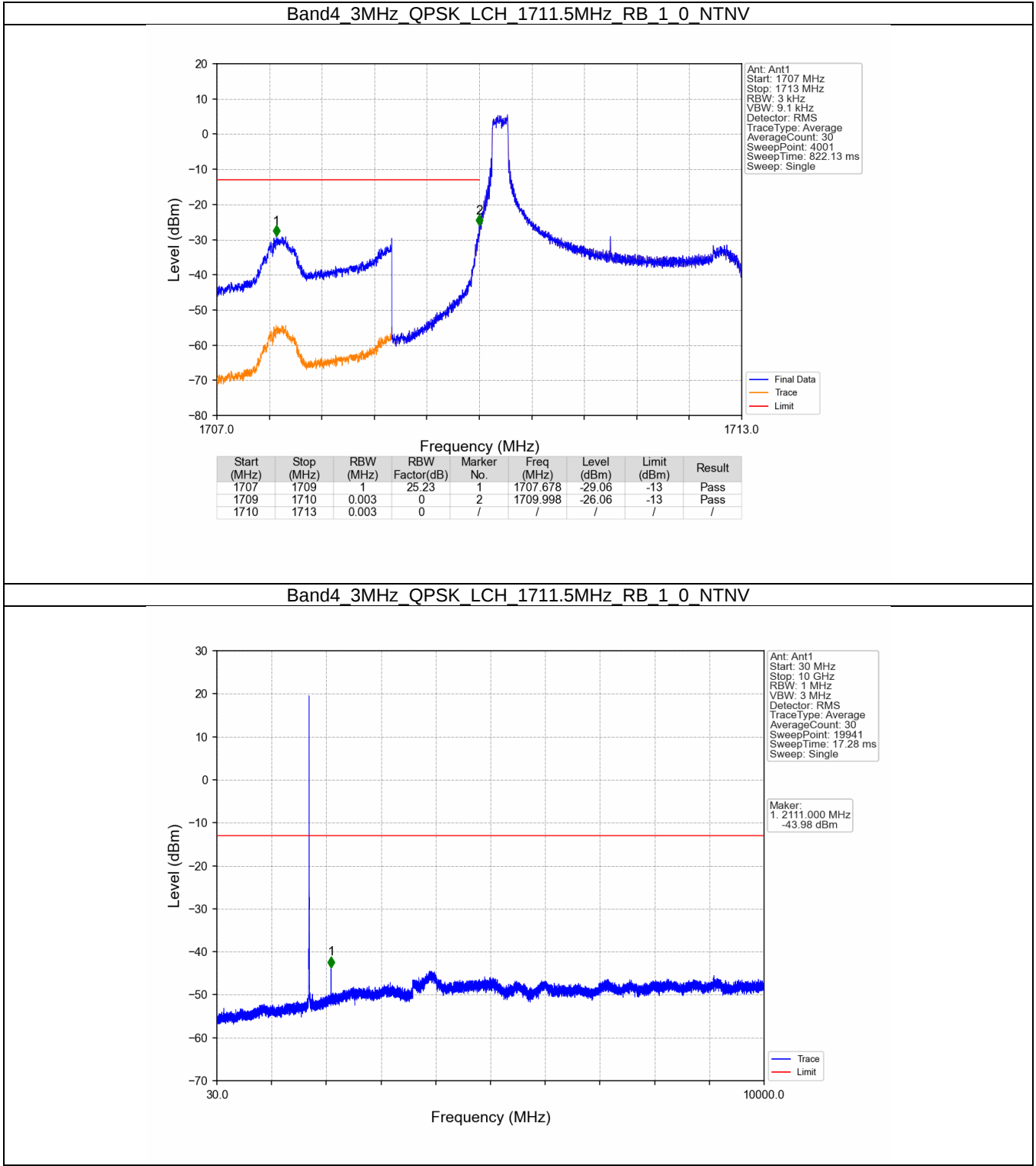


3.2 B4_3MHz

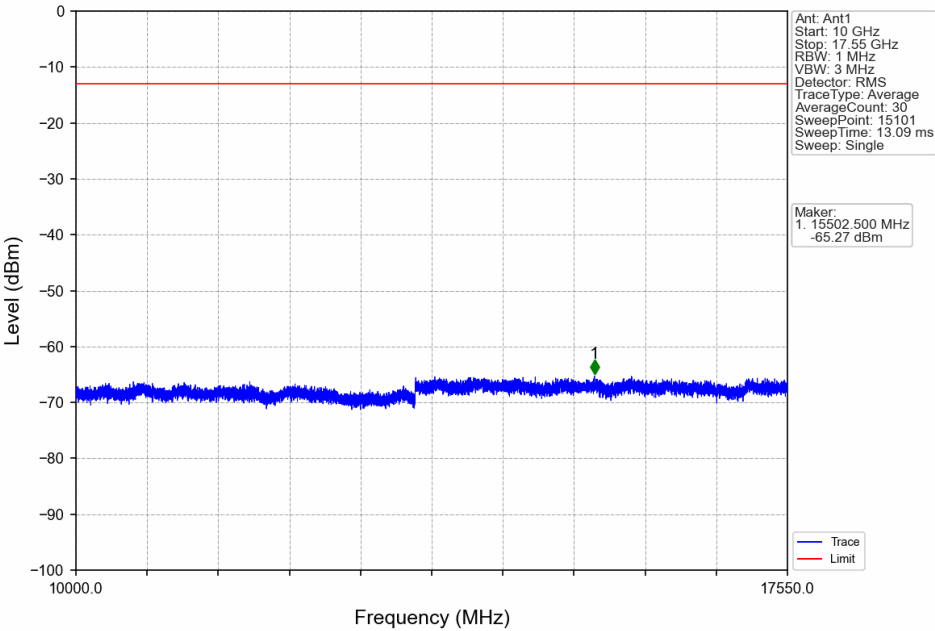
3.2.1 Test Result

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

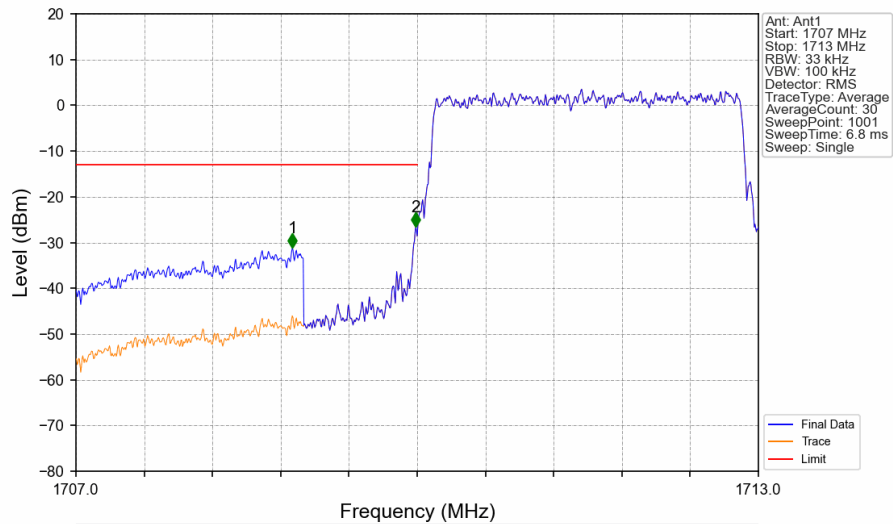
3.2.2 Test Graph



Band4 3MHz QPSK LCH 1711.5MHz RB 1 0 NTN

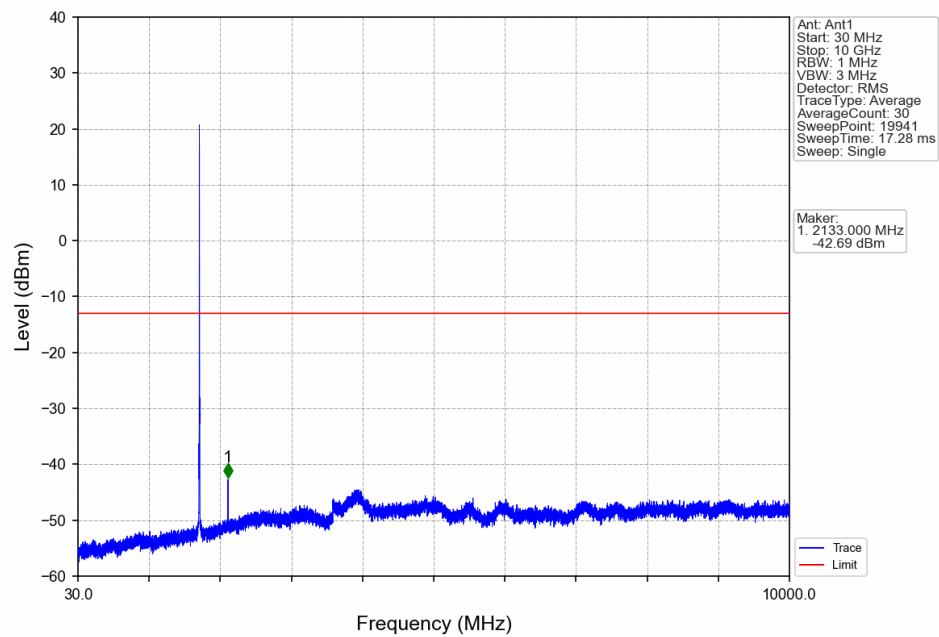


Band4 3MHz QPSK LCH 1711.5MHz RB 15 0 NTN

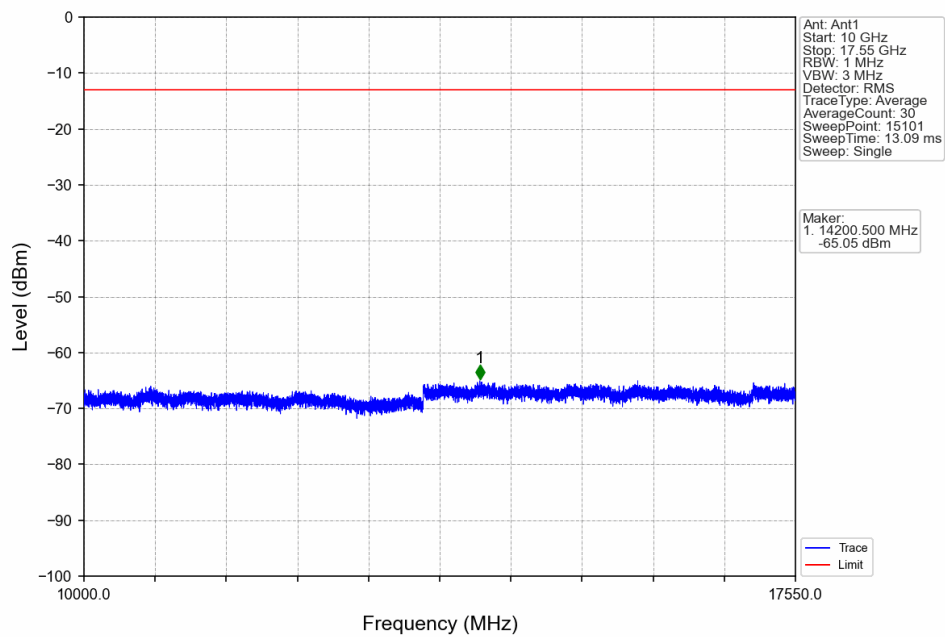


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	14.81	1	1708.902	-31.20	-13	Pass
1709	1710	0.033	0	2	1709.988	-26.51	-13	Pass
1710	1713	0.033	0	/	/	/	/	/

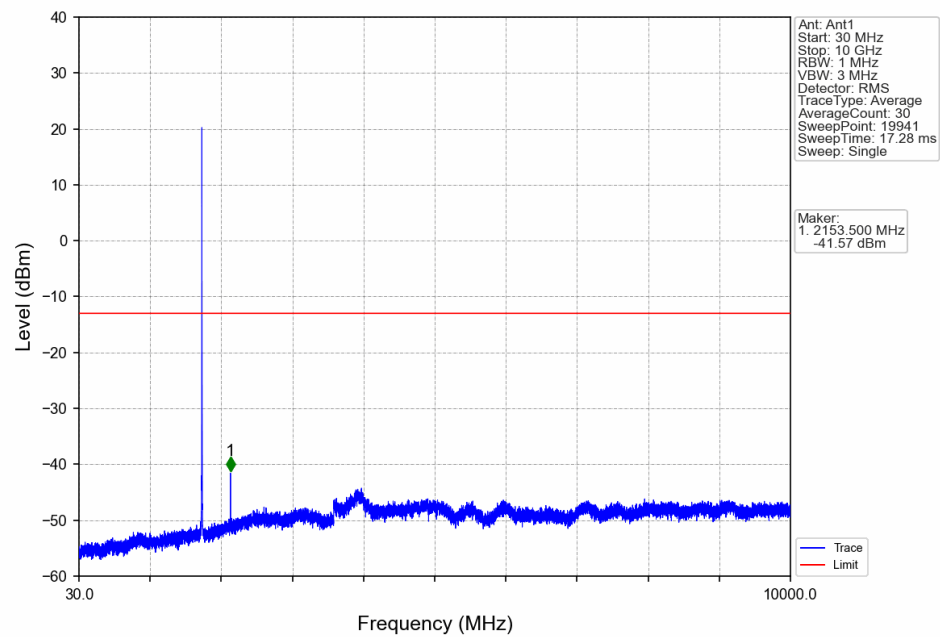
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



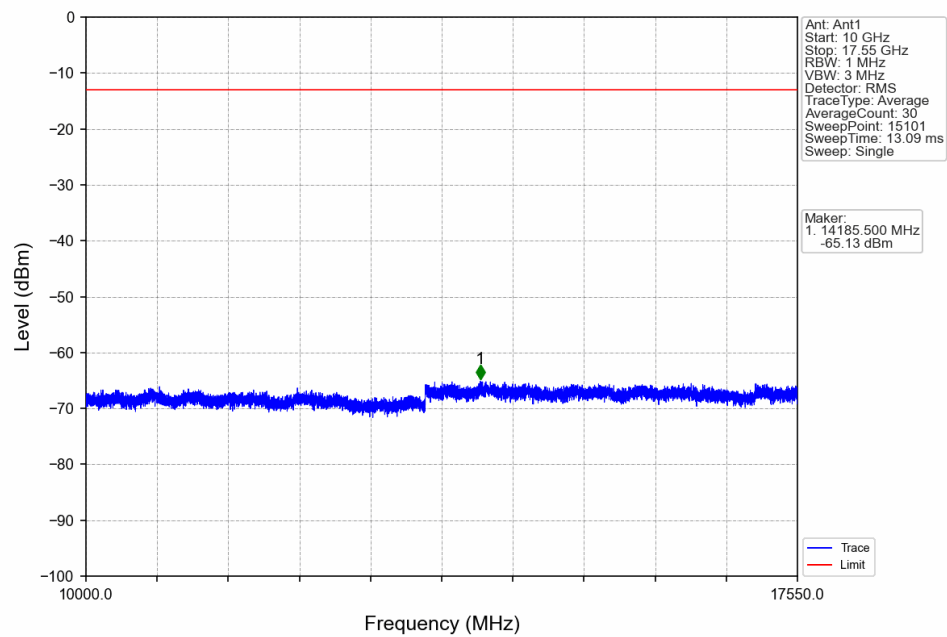
Band4 3MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



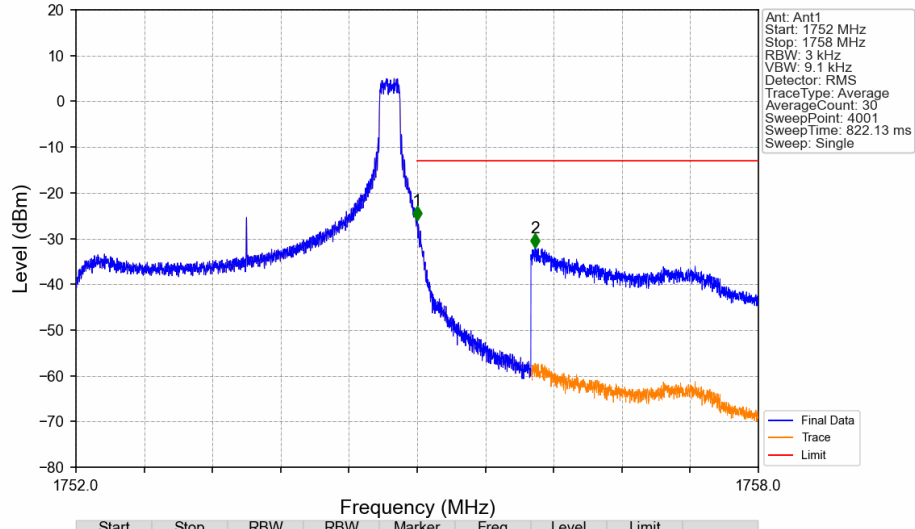
Band4 3MHz QPSK HCH 1753.5MHz RB 1 0 NTN



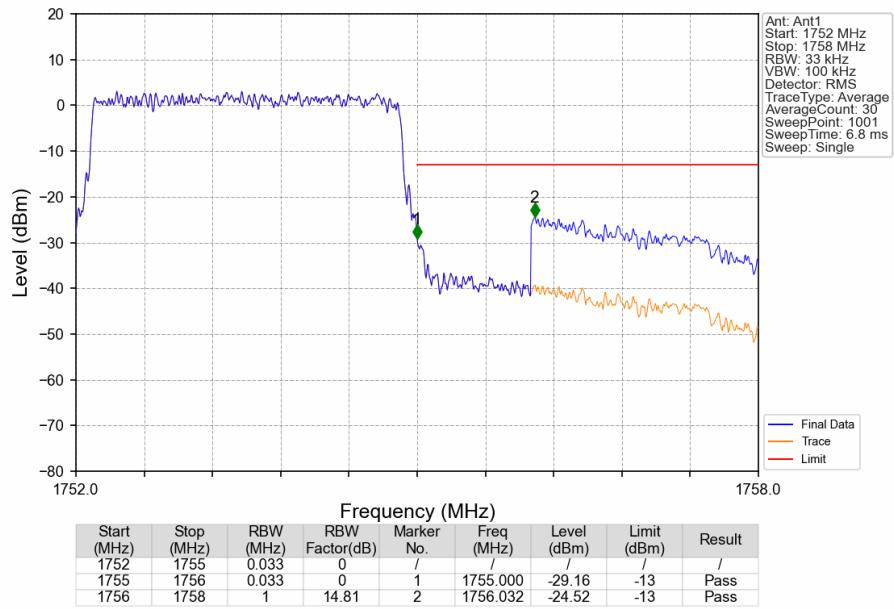
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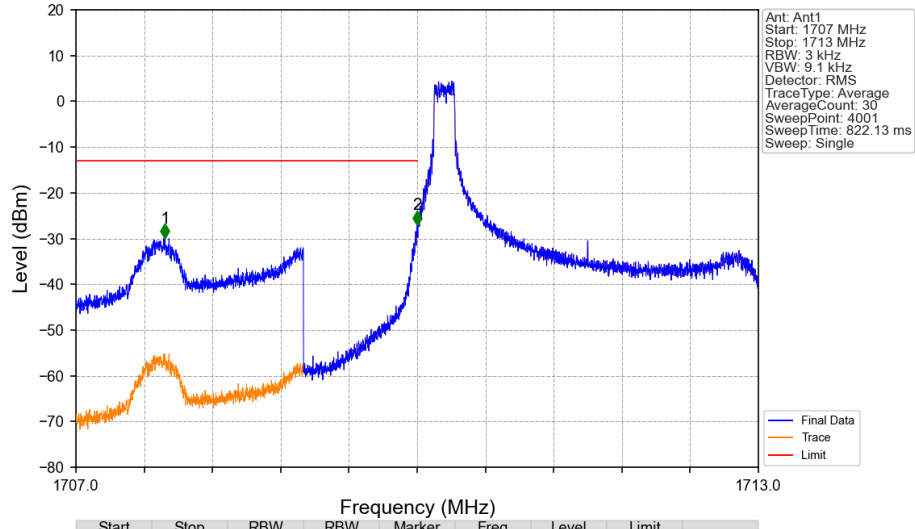
Band4 3MHz QPSK HCH 1753.5MHz RB 1 14 NTV



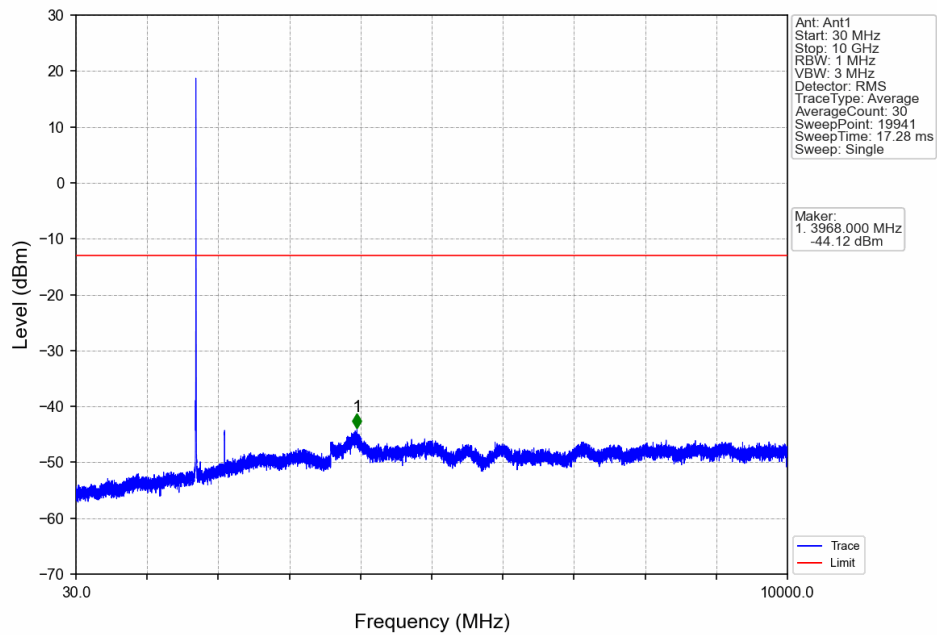
Band4 3MHz QPSK HCH 1753.5MHz RB 15 0 NTV



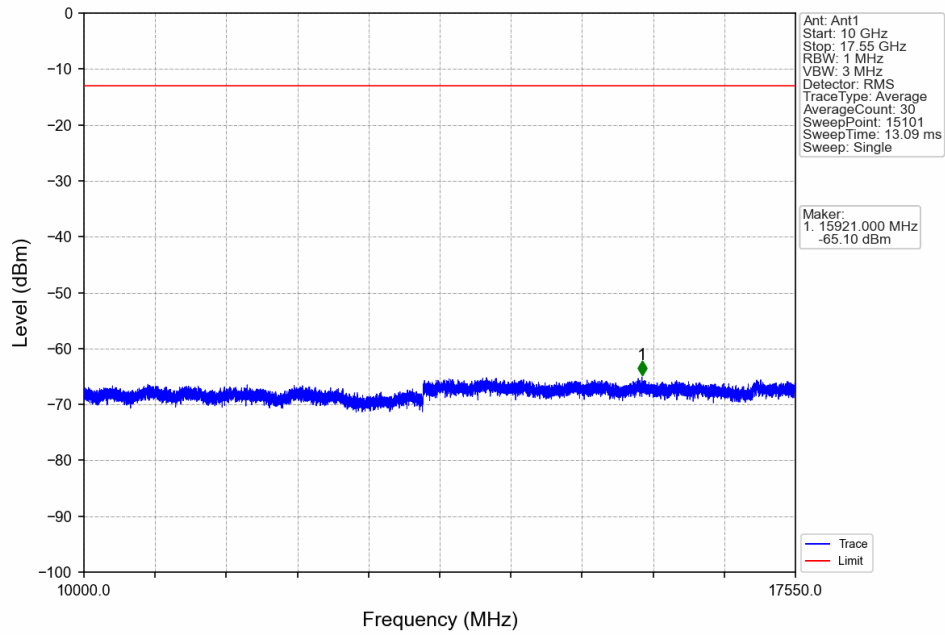
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



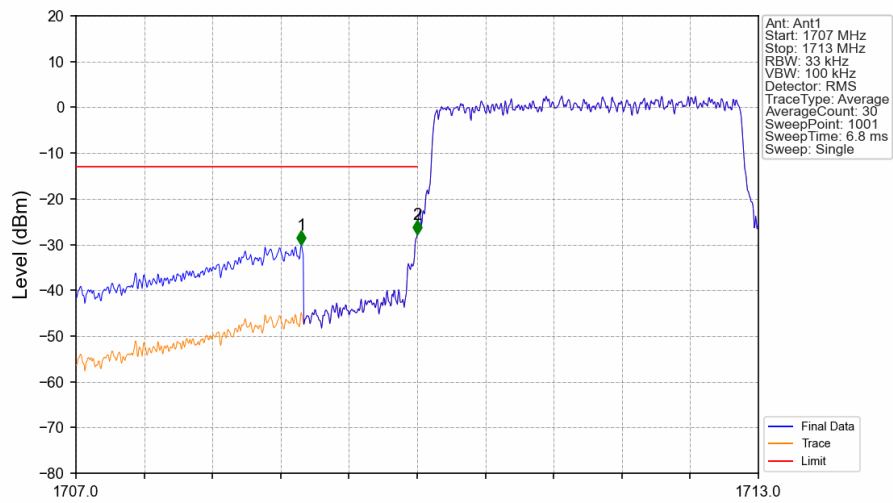
Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTNV



Band4 3MHz 16QAM LCH 1711.5MHz RB 1 0 NTV

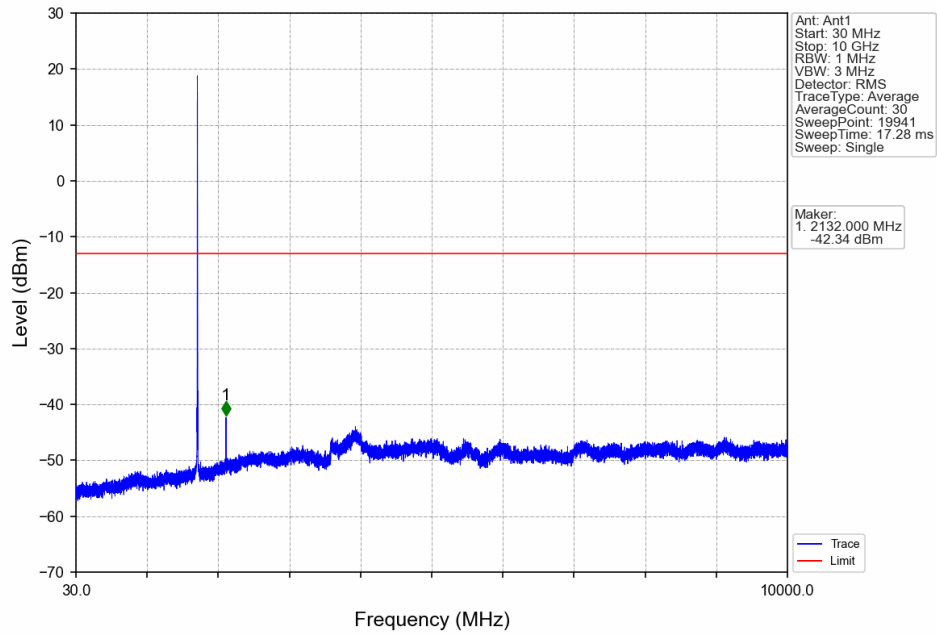


Band4 3MHz 16QAM LCH 1711.5MHz RB 15 0 NTV

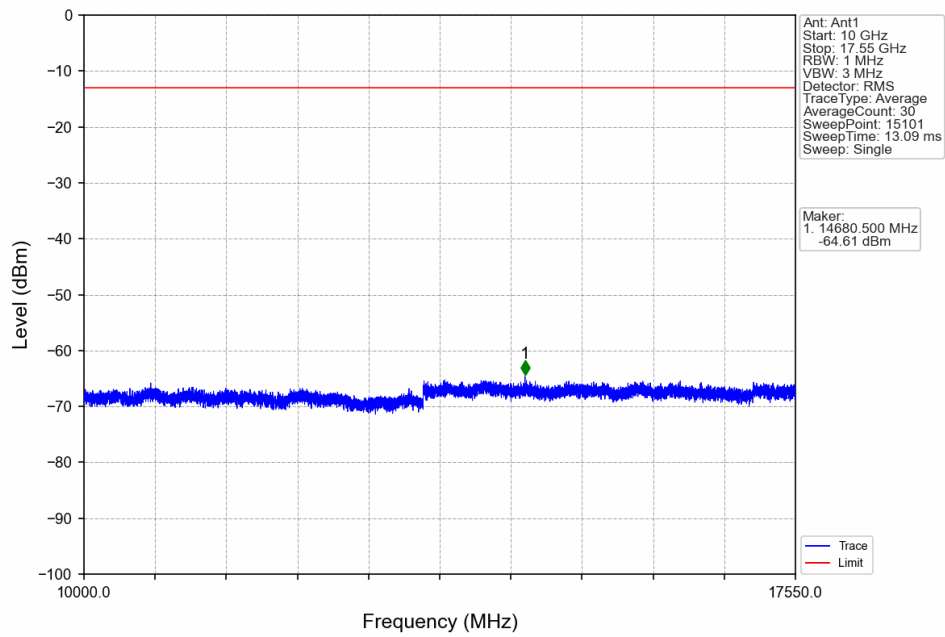


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	14.81	1	1708.980	-30.06	-13	Pass
1709	1710	0.033	0	2	1710.000	-27.82	-13	Pass
1710	1713	0.033	0	/	/	/	/	/

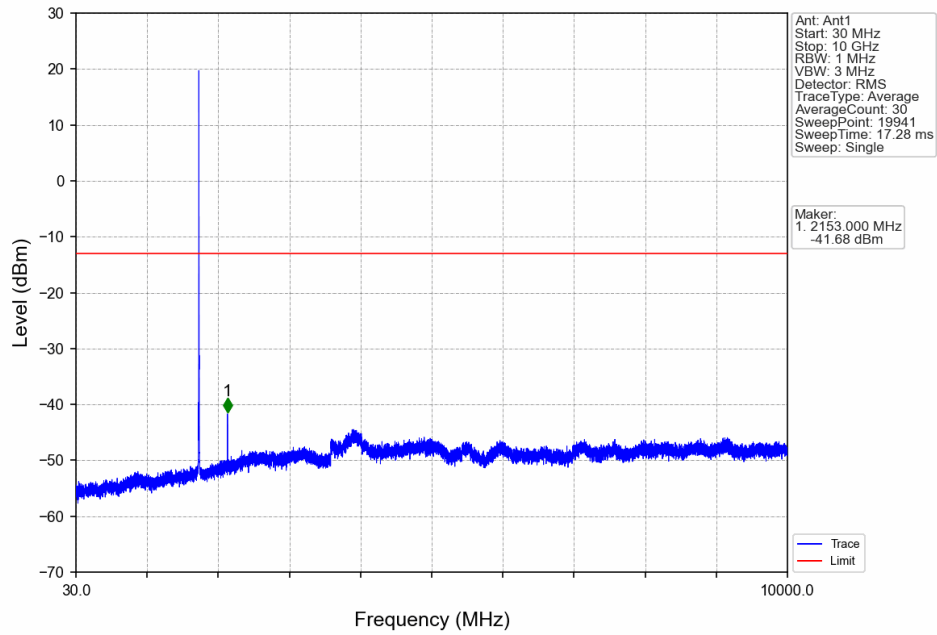
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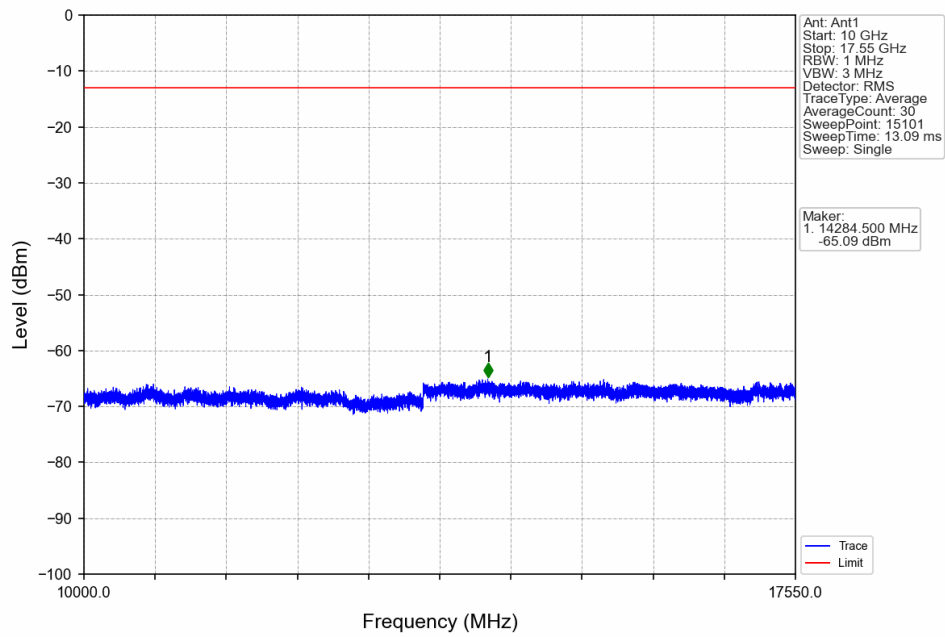
Band4 3MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



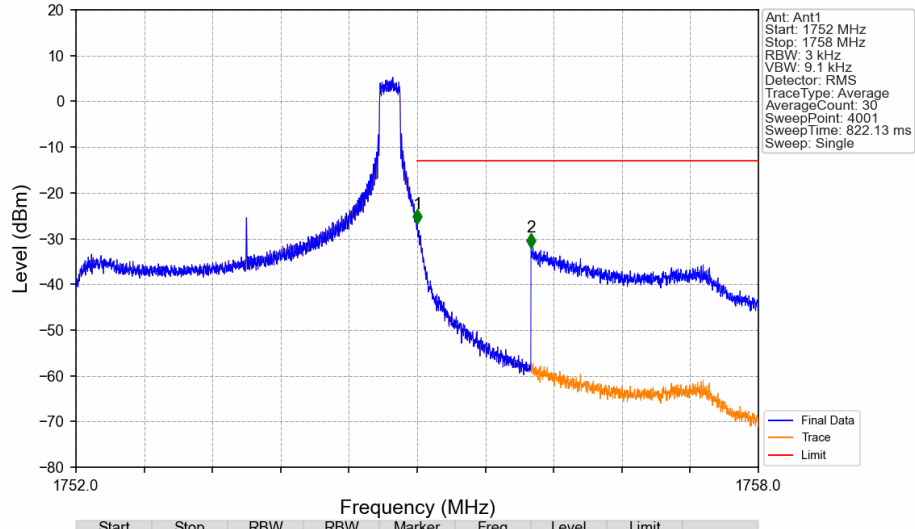
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



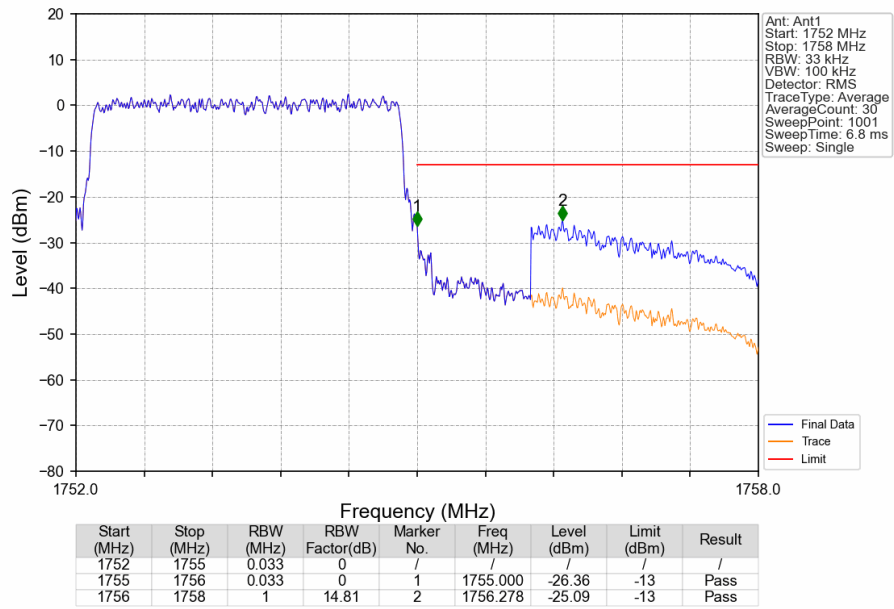
Band4 3MHz 16QAM HCH 1753.5MHz RB 1 0 NTV



Band4 3MHz 16QAM HCH 1753.5MHz RB 1 14 NTNV



Band4 3MHz 16QAM HCH 1753.5MHz RB 15 0 NTNV

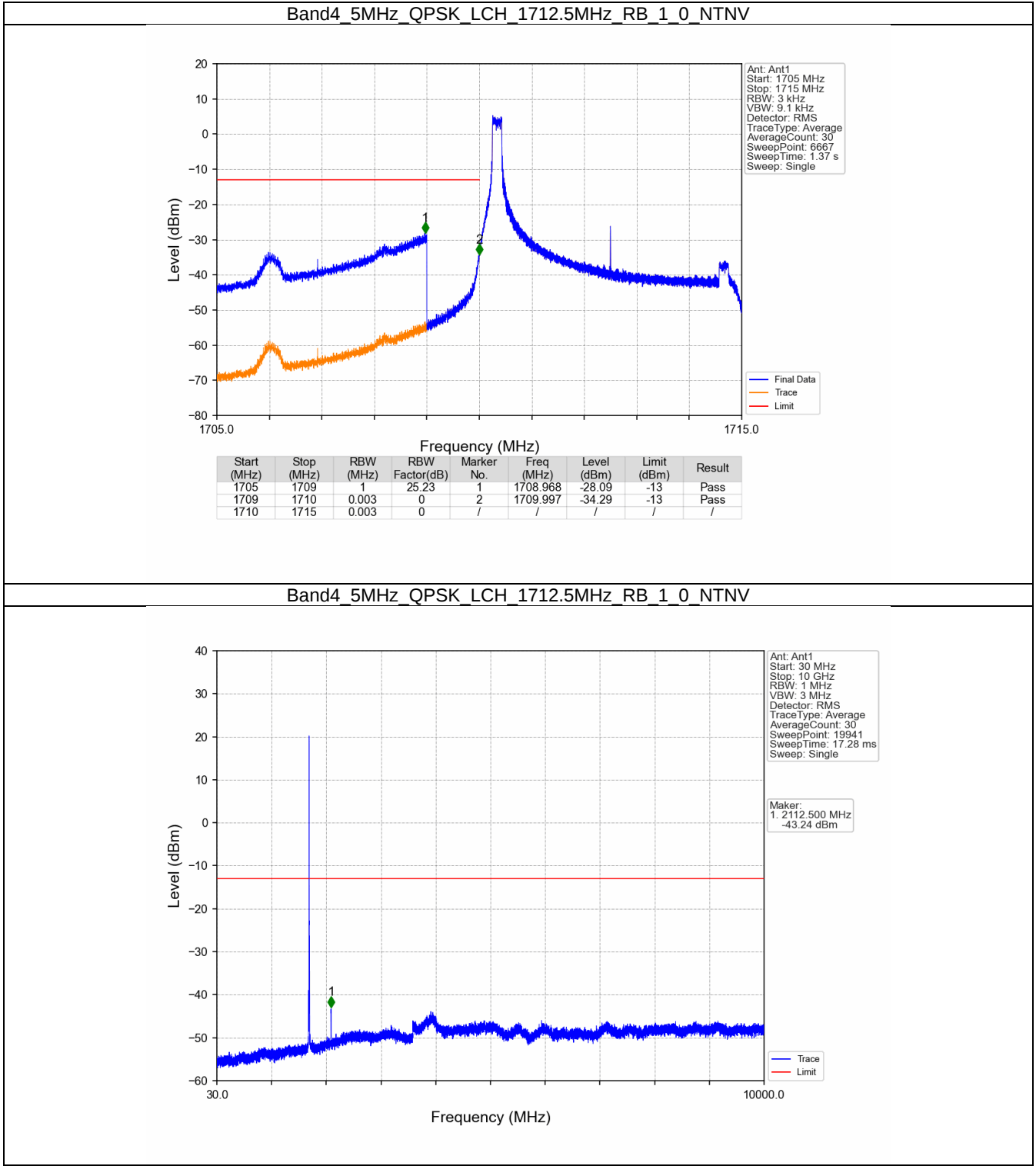


3.3 B4_5MHz

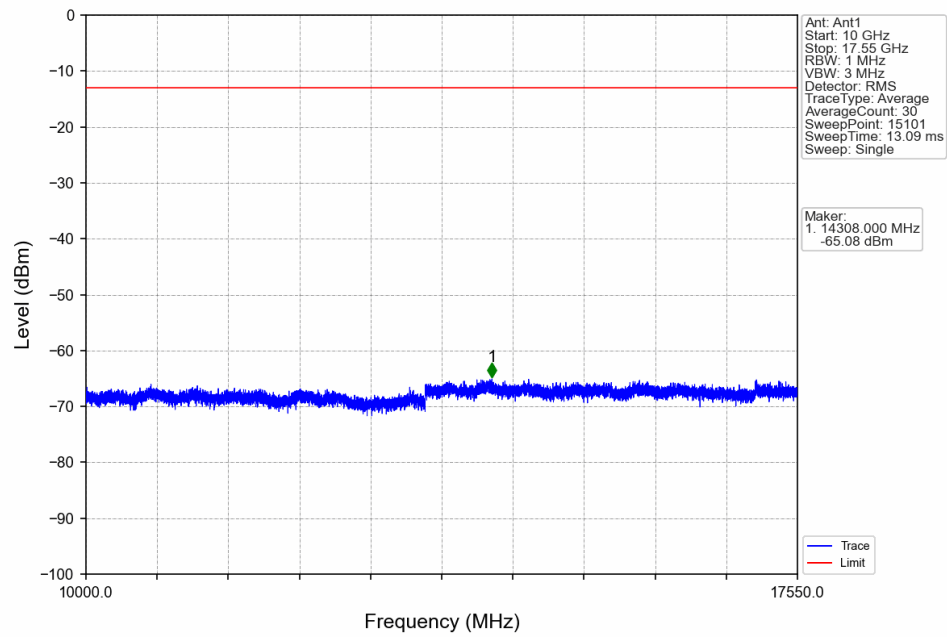
3.3.1 Test Result

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

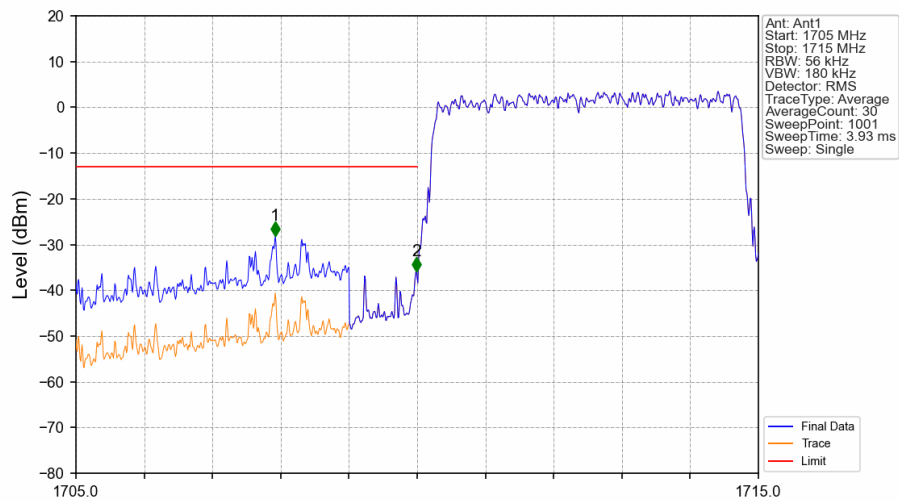
3.3.2 Test Graph



Band4 5MHz QPSK LCH 1712.5MHz RB 1 0 NTN

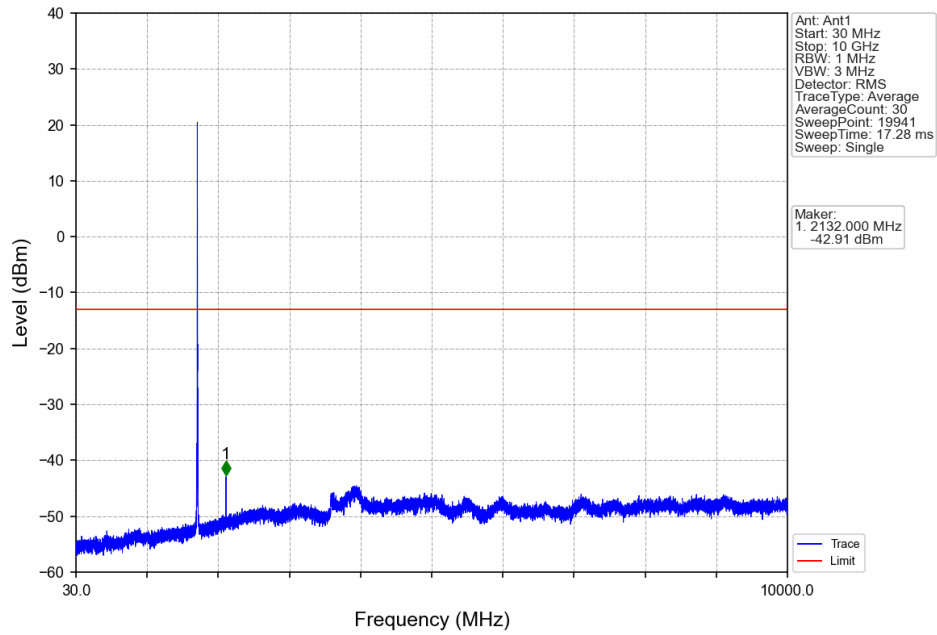


Band4 5MHz QPSK LCH 1712.5MHz RB 25 0 NTN

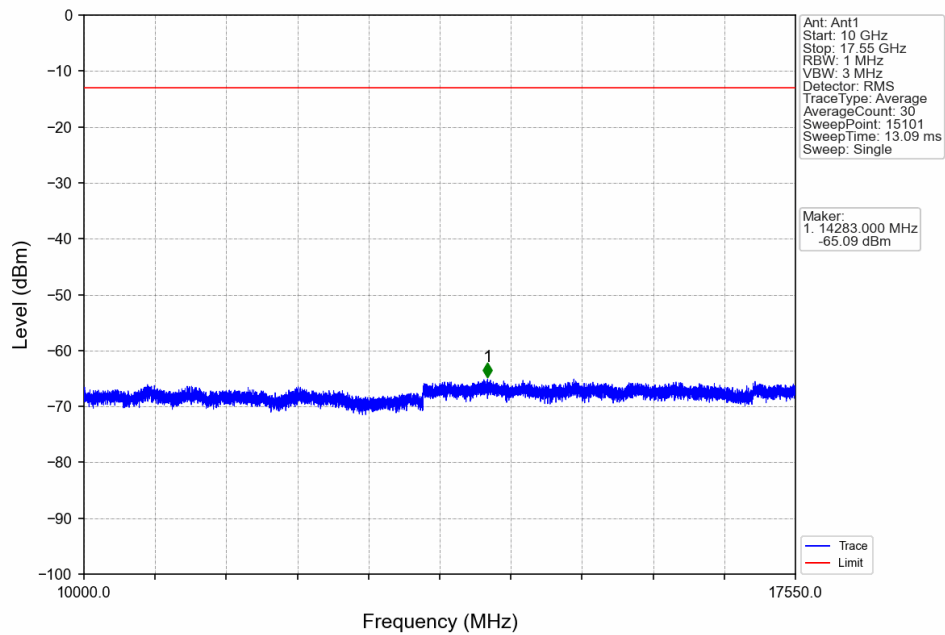


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	12.52	1	1707.920	-28.08	-13	Pass
1709	1710	0.056	0	2	1709.990	-35.85	-13	Pass
1710	1715	0.056	0	/	/	/	/	/

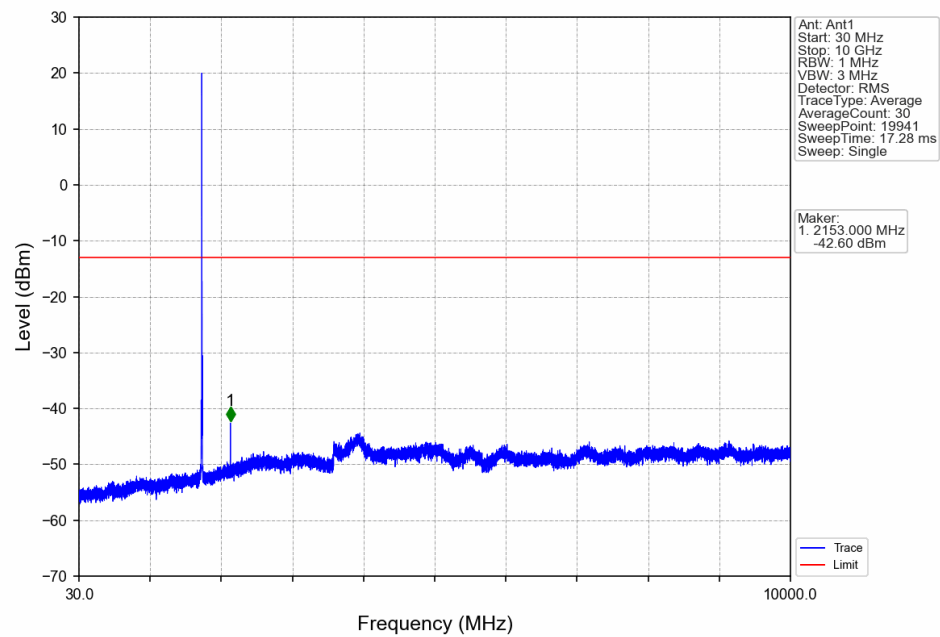
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



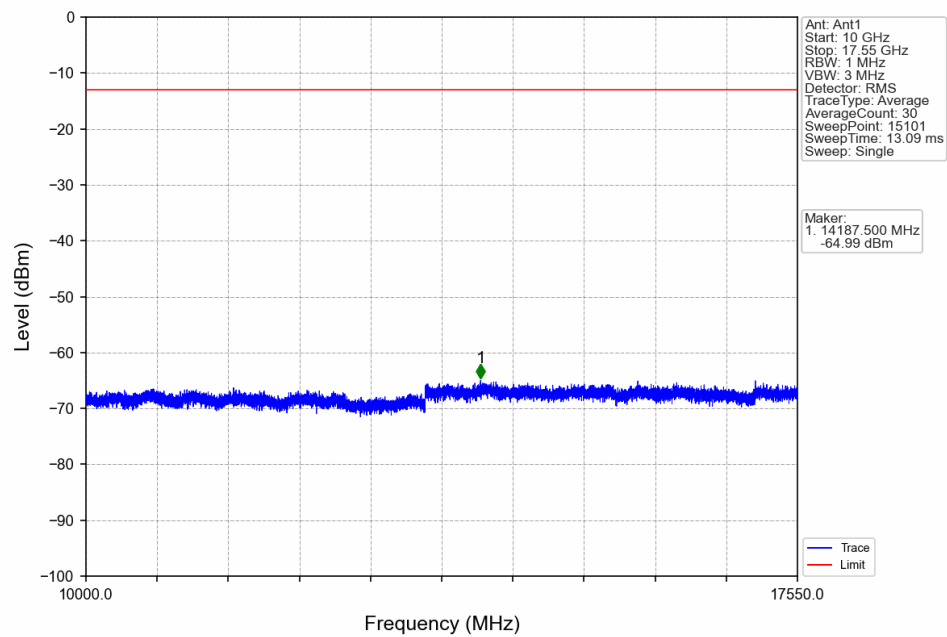
Band4 5MHz QPSK MCH 1732.5MHz RB 1 0 NTN



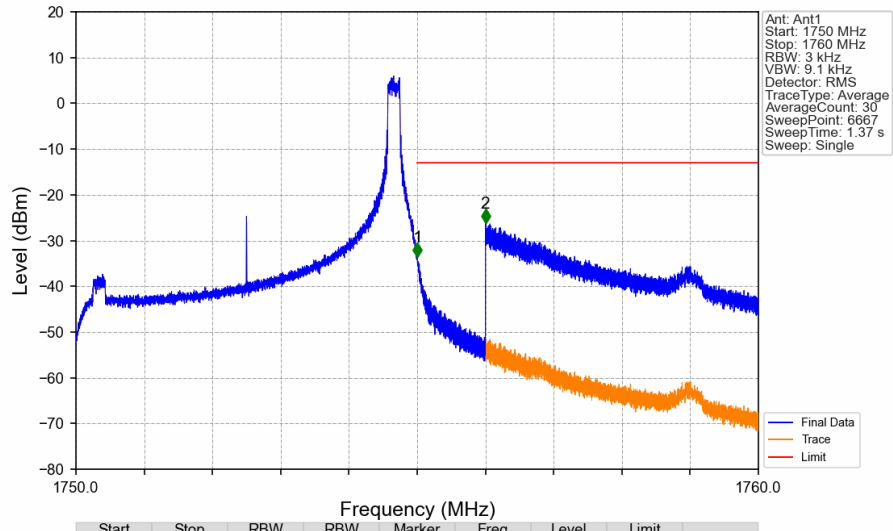
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



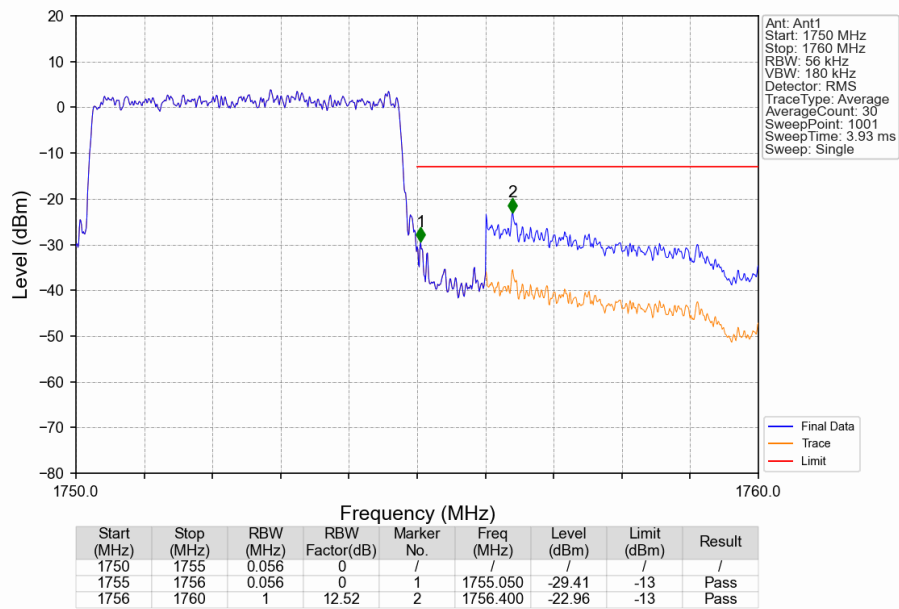
Band4 5MHz QPSK HCH 1752.5MHz RB 1 0 NTN



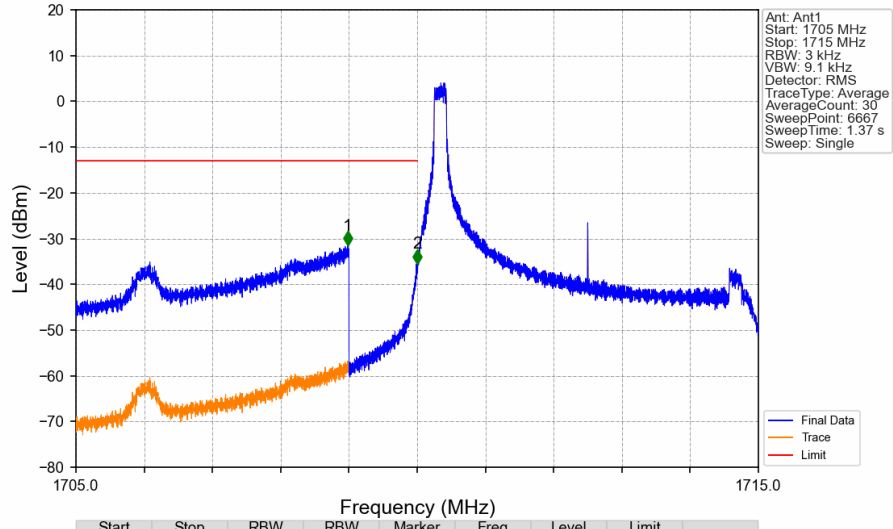
Band4 5MHz QPSK HCH 1752.5MHz RB 1 24 NTV



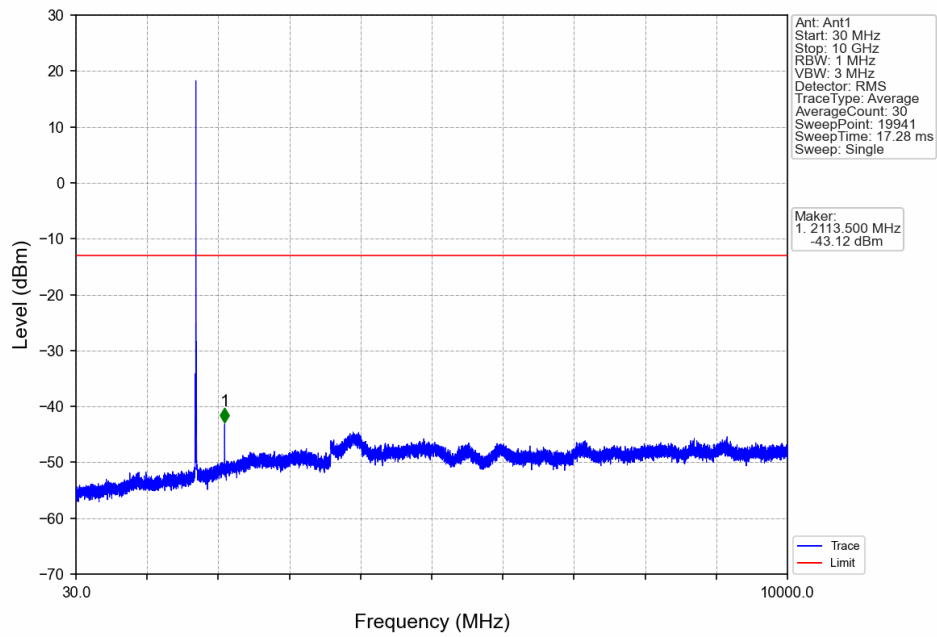
Band4 5MHz QPSK HCH 1752.5MHz RB 25 0 NTV



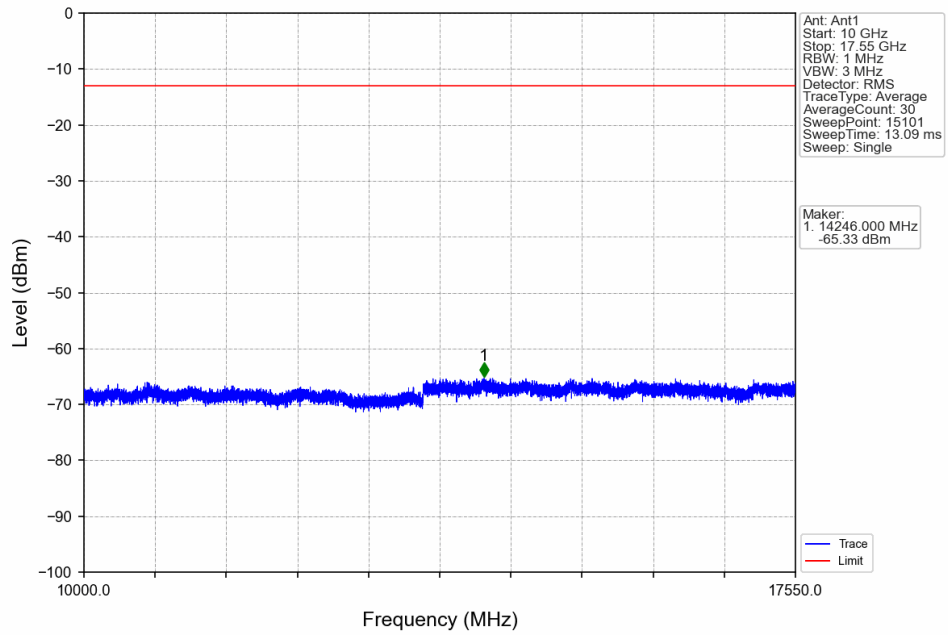
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



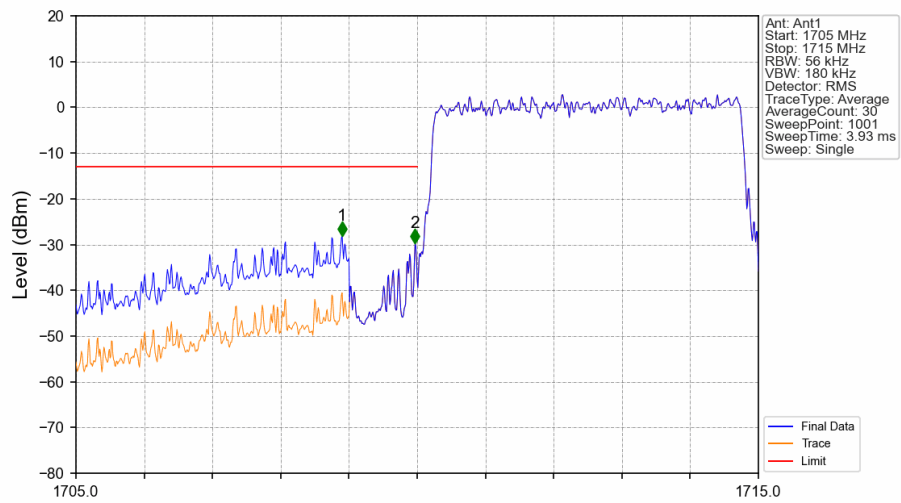
Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTNV



Band4 5MHz 16QAM LCH 1712.5MHz RB 1 0 NTV

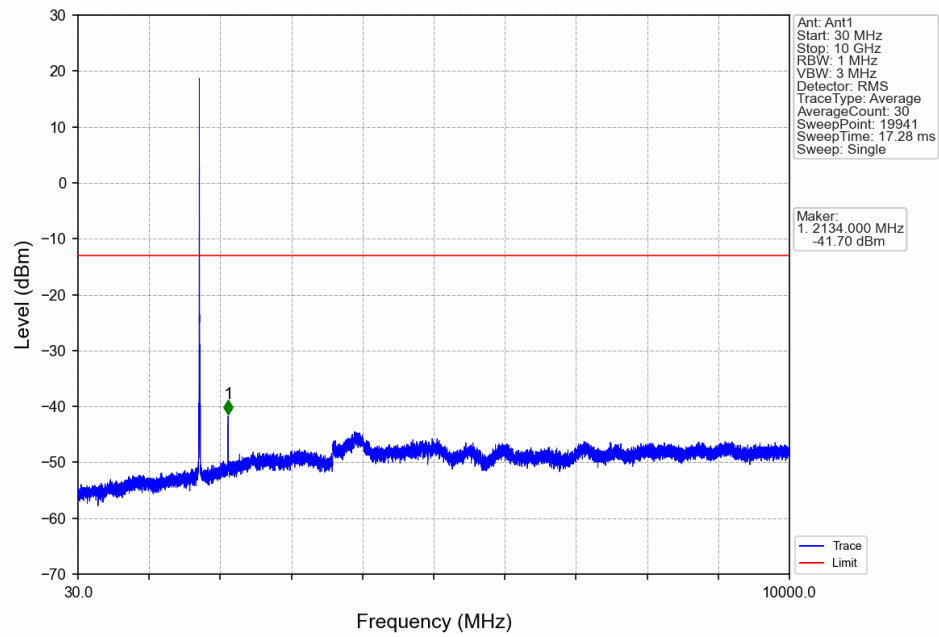


Band4 5MHz 16QAM LCH 1712.5MHz RB 25 0 NTV

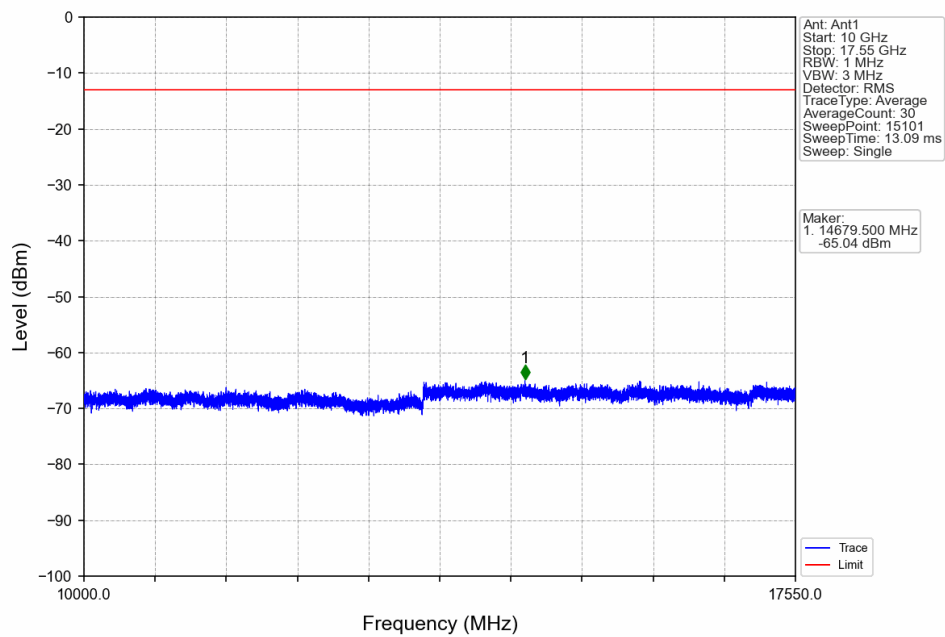


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	12.52	1	1708.900	-28.05	-13	Pass
1709	1710	0.056	0	2	1709.970	-29.67	-13	Pass
1710	1715	0.056	0	/	/	/	/	/

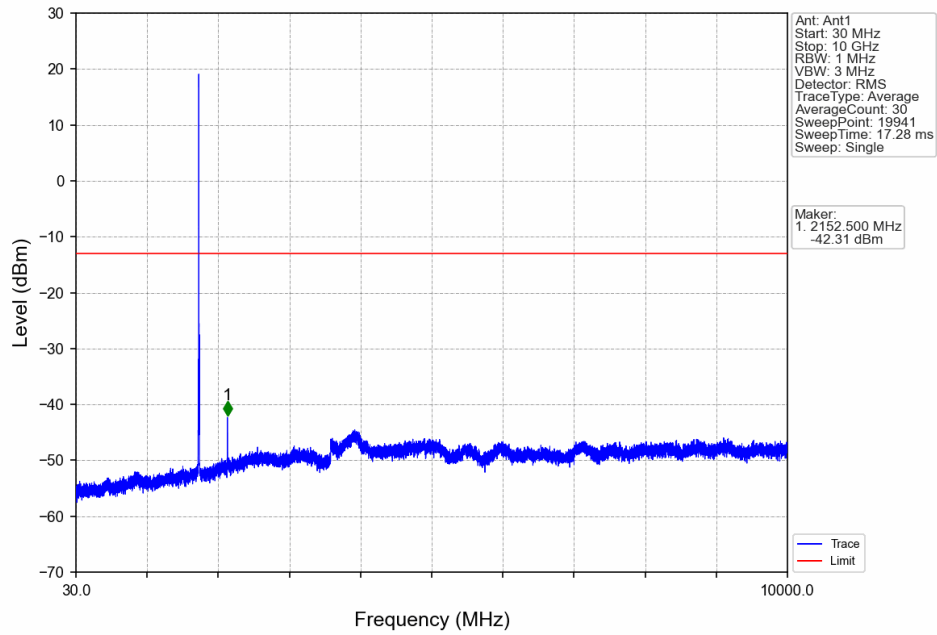
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



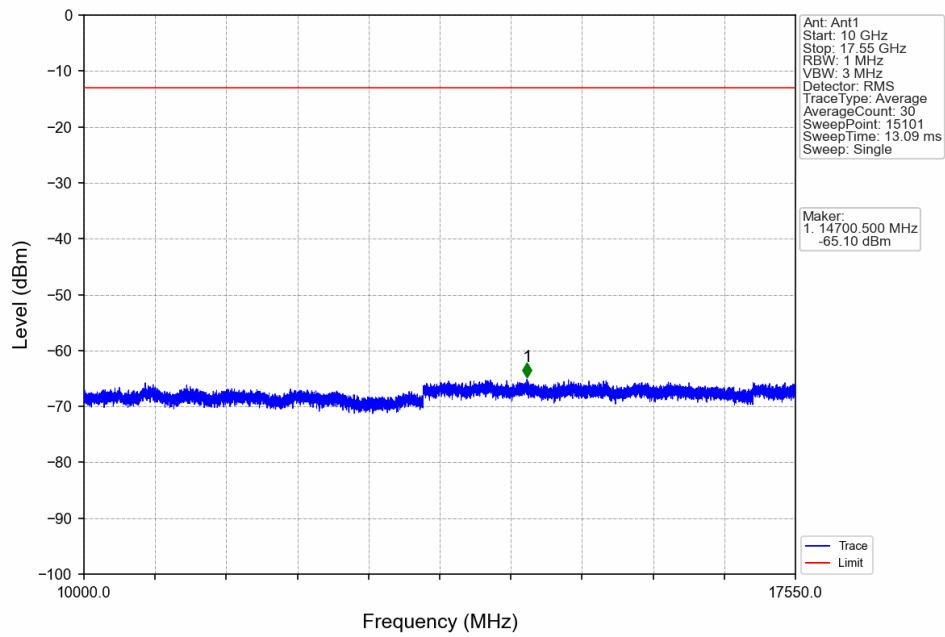
Band4 5MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



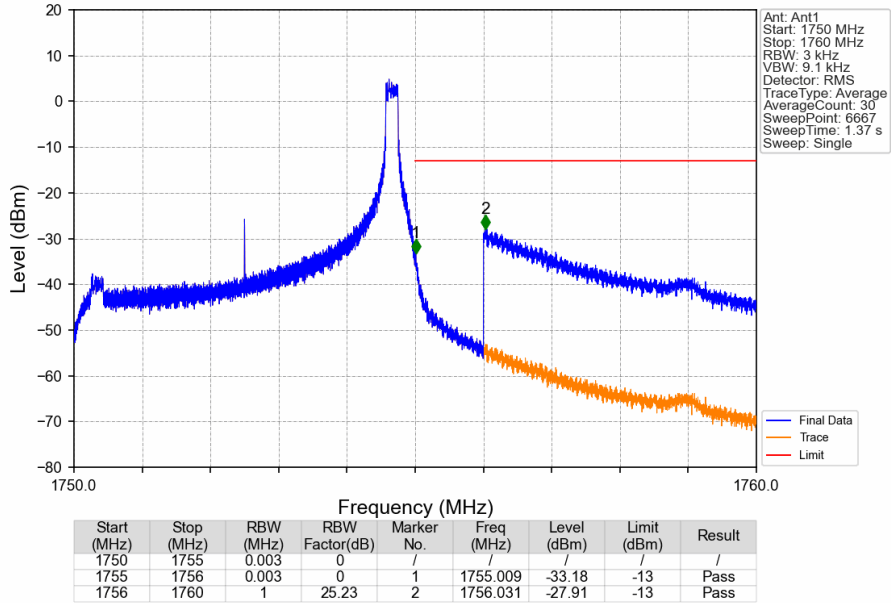
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTNV



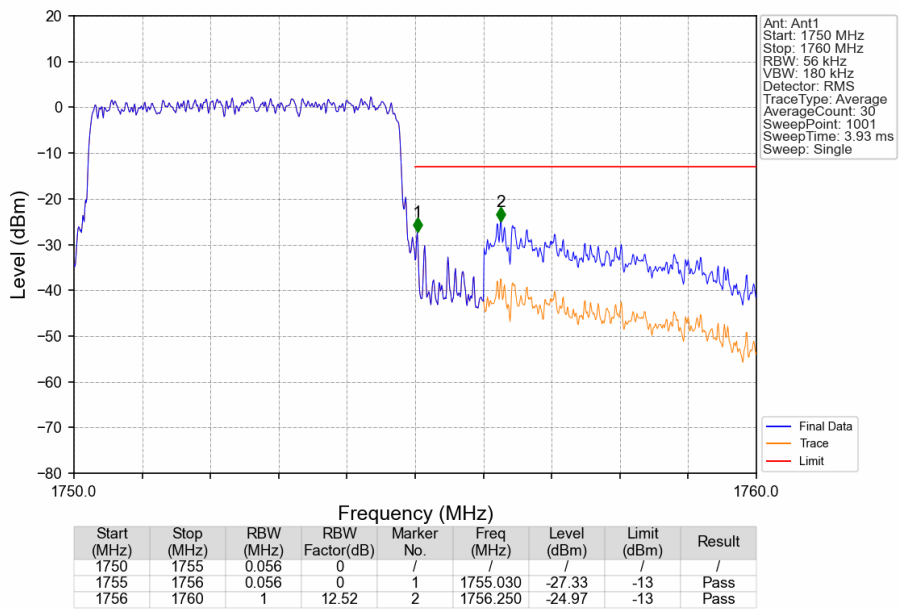
Band4 5MHz 16QAM HCH 1752.5MHz RB 1 0 NTNV



Band4 5MHz 16QAM HCH 1752.5MHz RB 1 24 NTNV



Band4 5MHz 16QAM HCH 1752.5MHz RB 25 0 NTNV

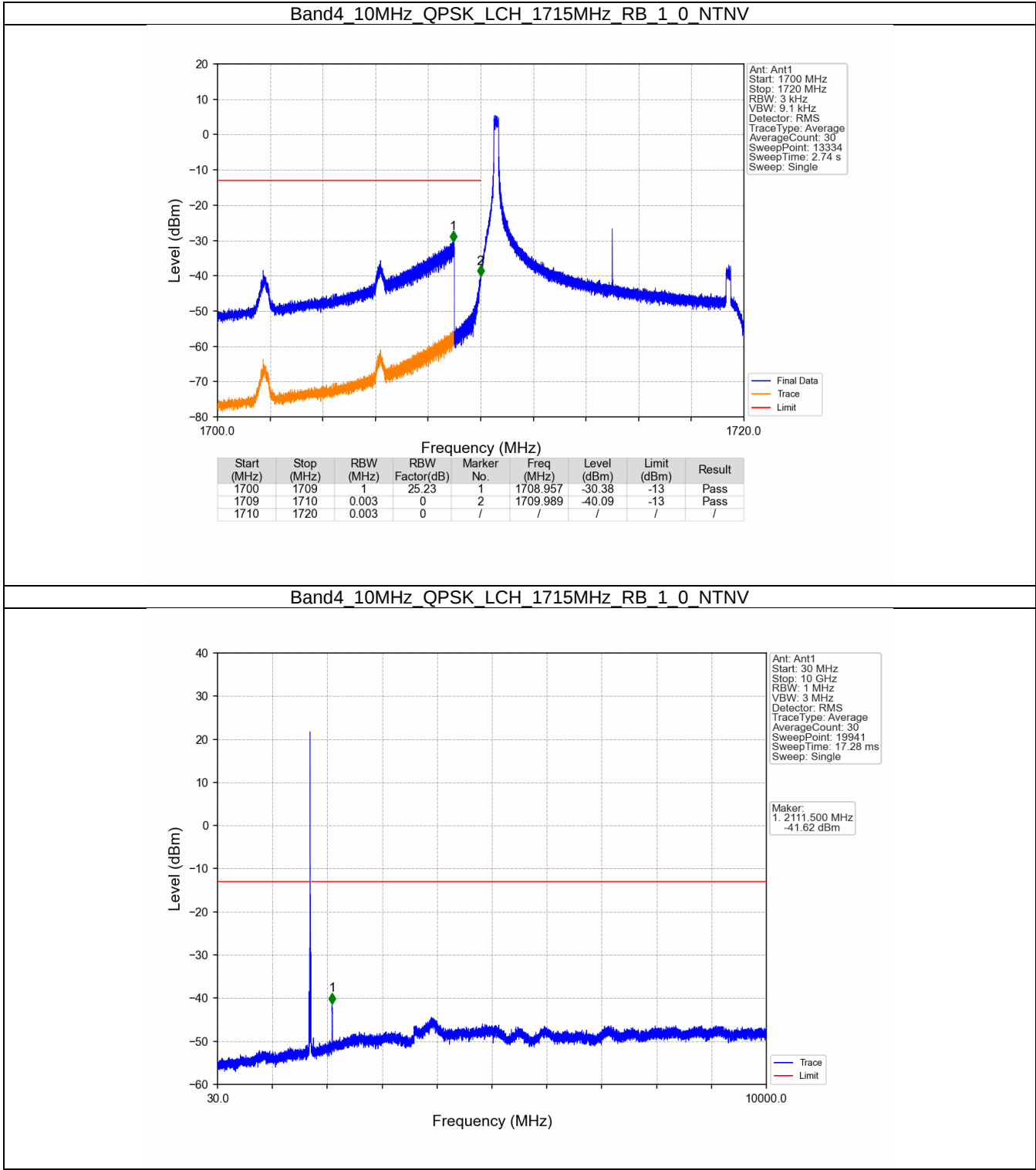


3.4 B4_10MHz

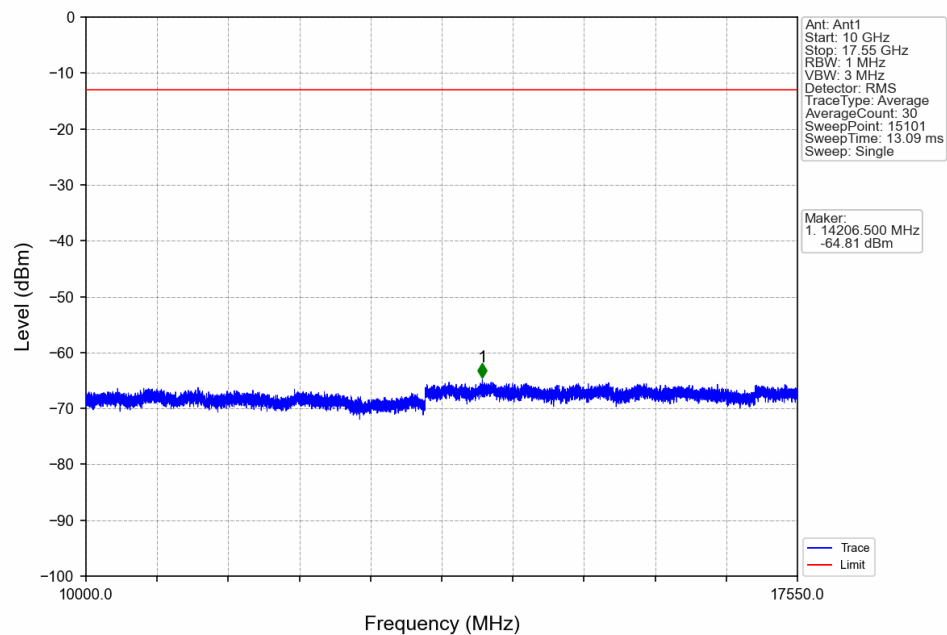
3.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

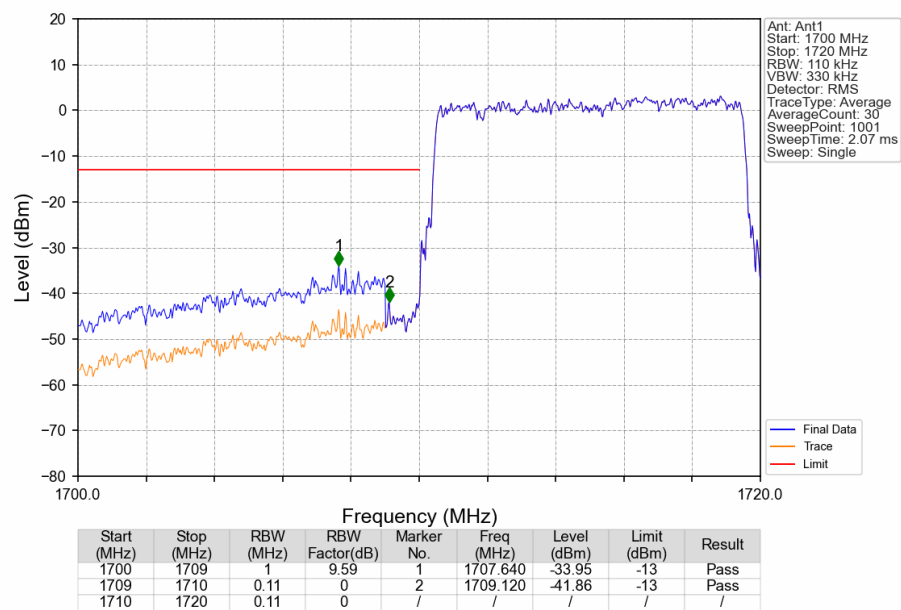
3.4.2 Test Graph



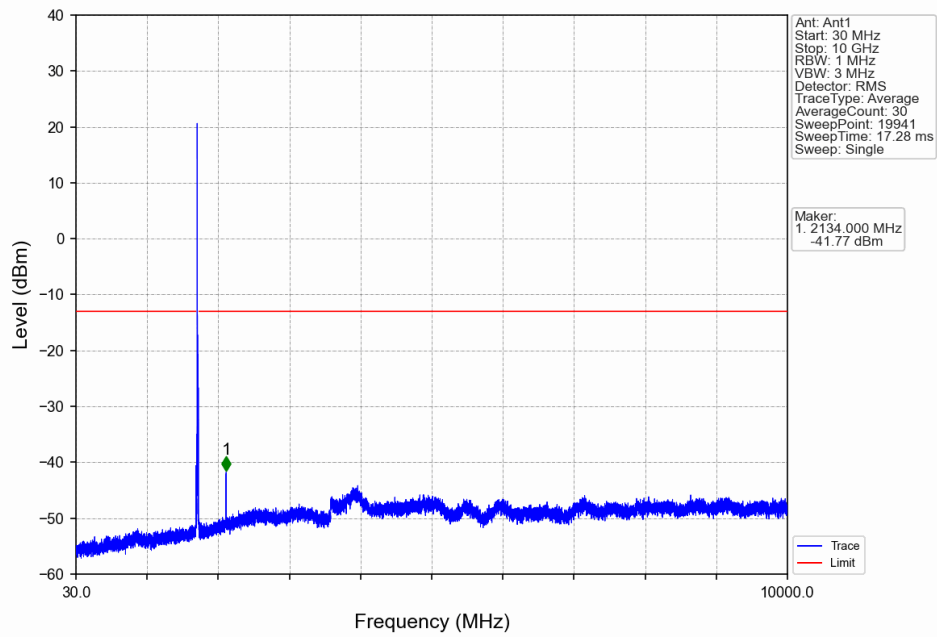
Band4 10MHz QPSK LCH 1715MHz RB 1 0 NTN



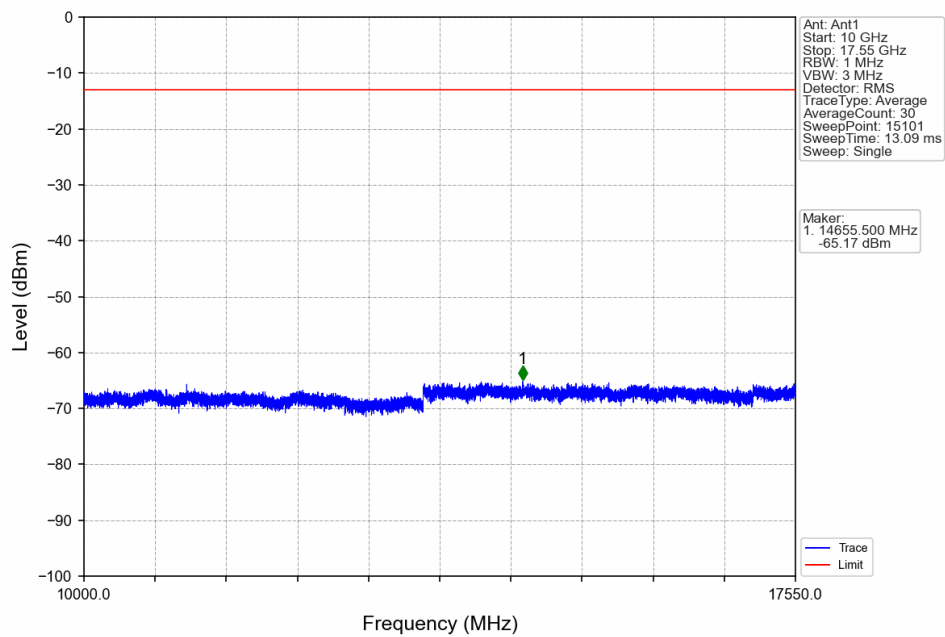
Band4 10MHz QPSK LCH 1715MHz RB 50 0 NTN



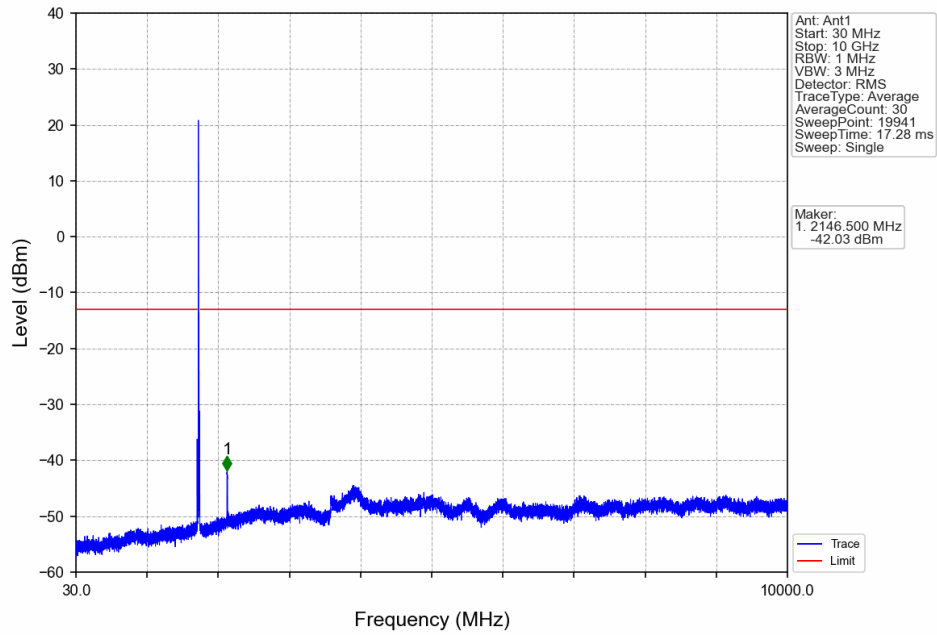
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



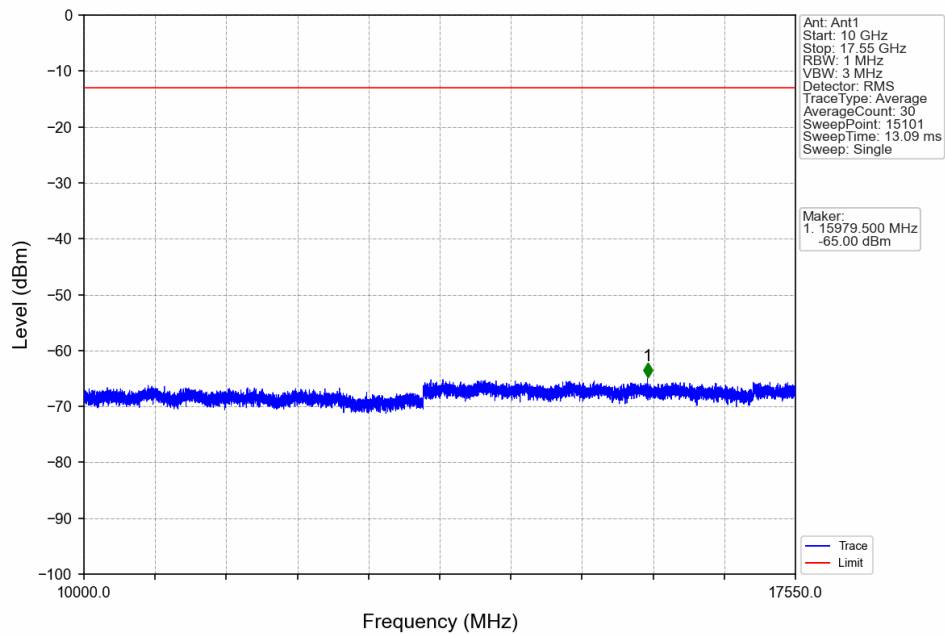
Band4 10MHz QPSK MCH 1732.5MHz RB 1 0 NTV



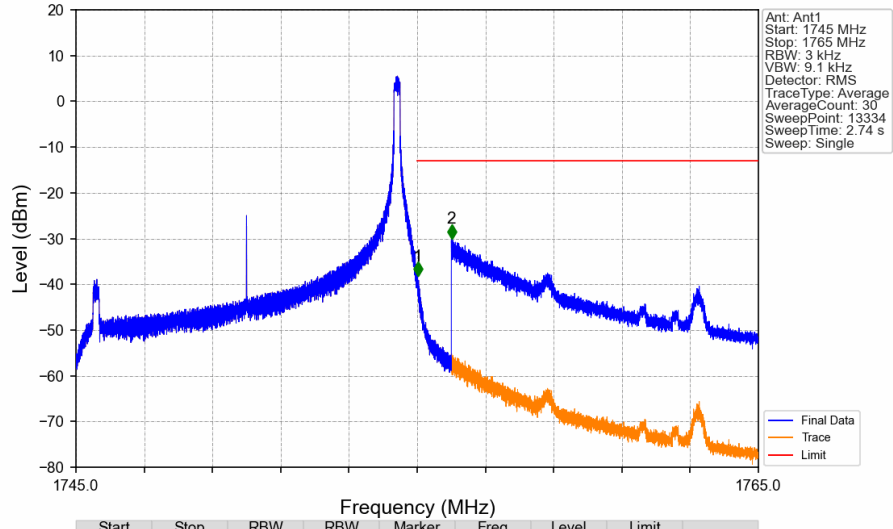
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



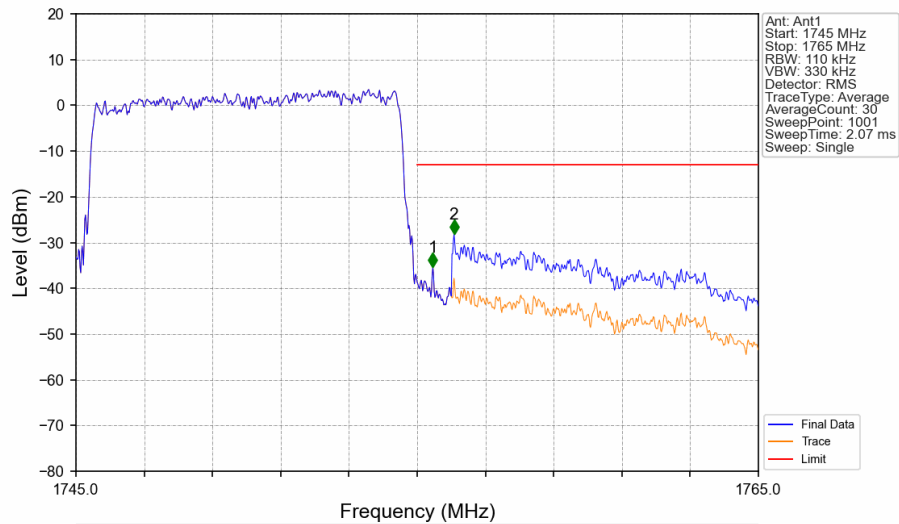
Band4 10MHz QPSK HCH 1750MHz RB 1 0 NTN



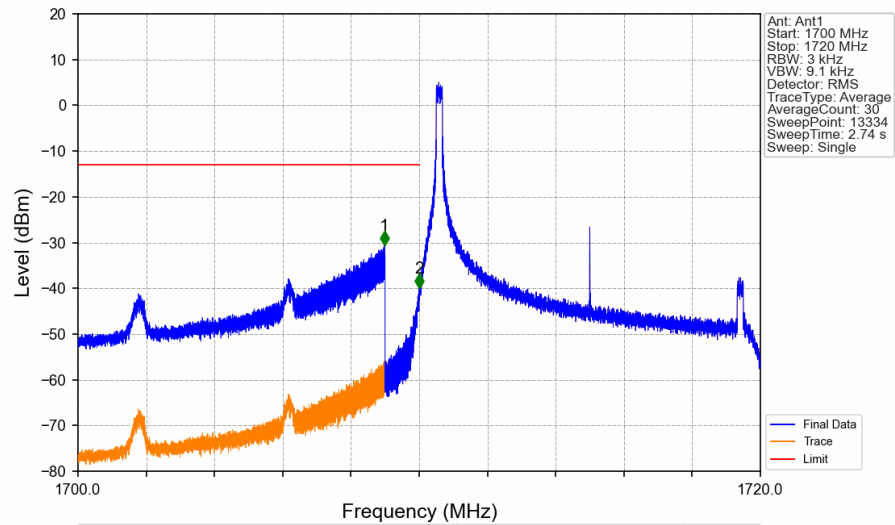
Band4 10MHz QPSK HCH 1750MHz RB 1 49 NTNV



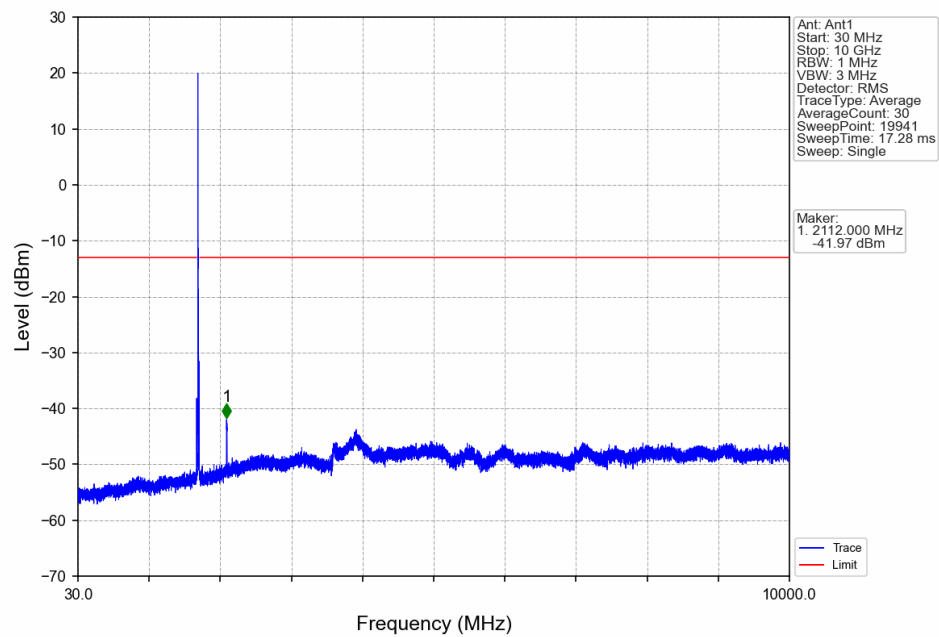
Band4 10MHz QPSK HCH 1750MHz RB 50 0 NTNV



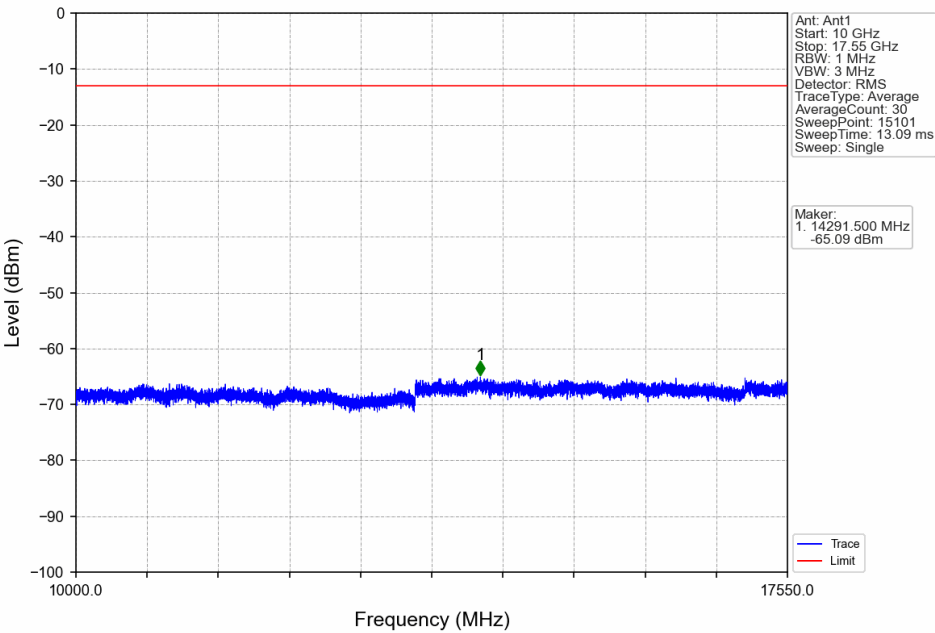
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



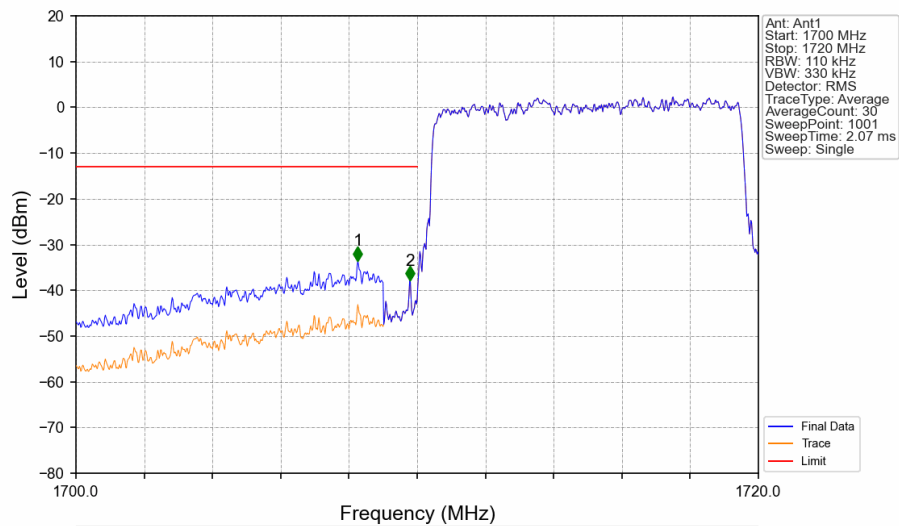
Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV



Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

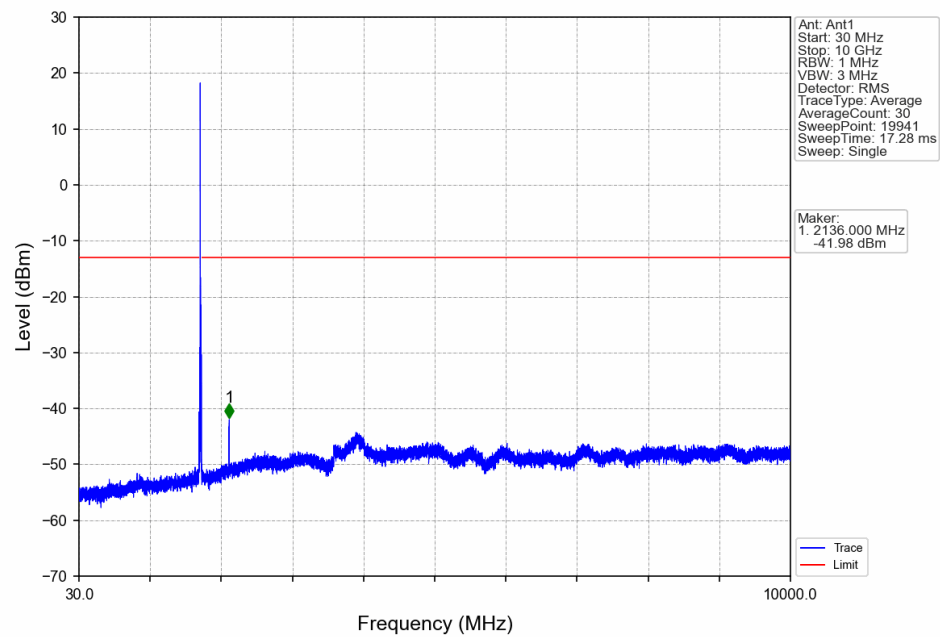


Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV

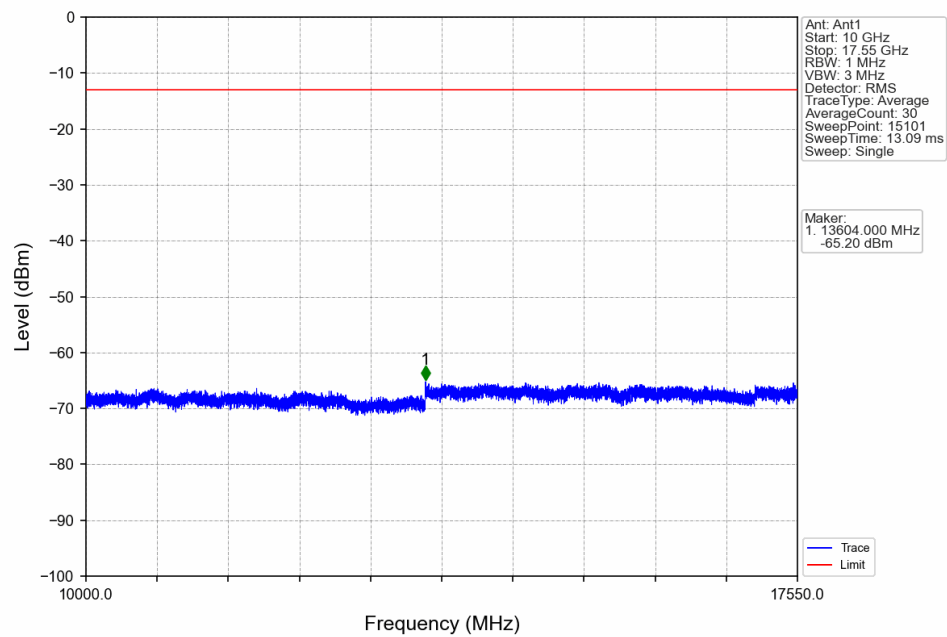


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	9.59	1	1708.260	-33.54	-13	Pass
1709	1710	0.11	0	2	1709.780	-37.84	-13	Pass
1710	1720	0.11	0	/	/	/	/	/

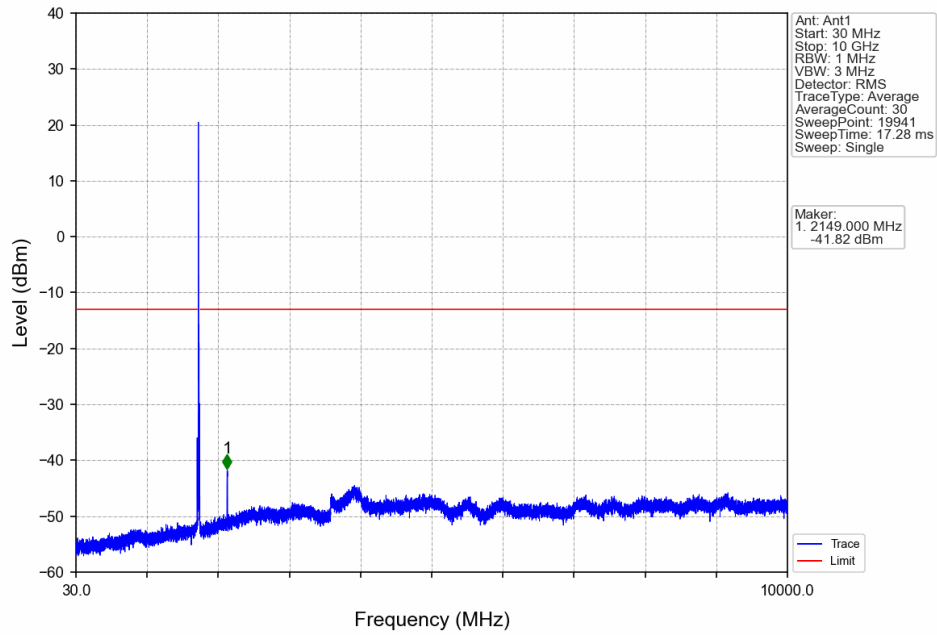
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



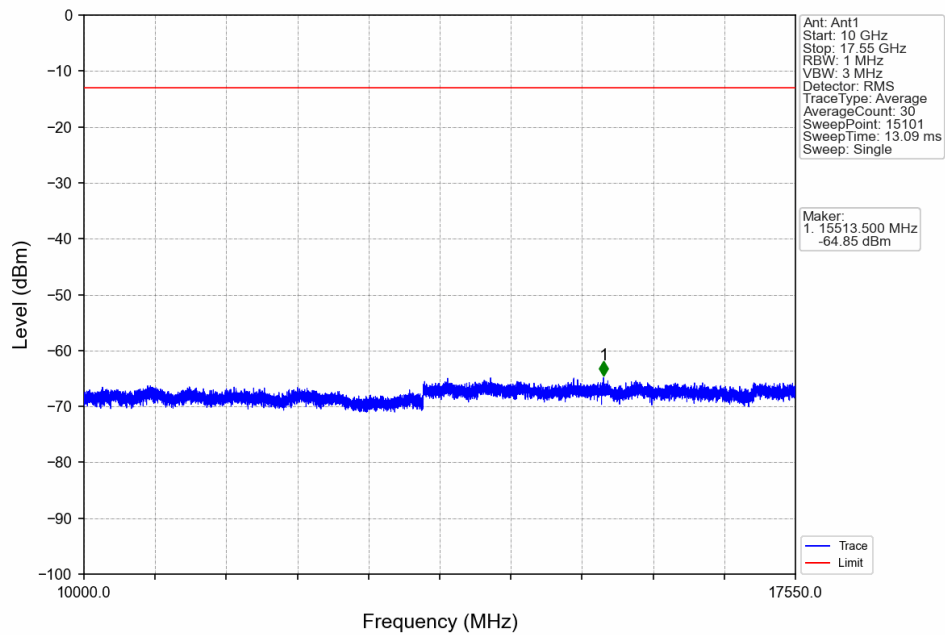
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



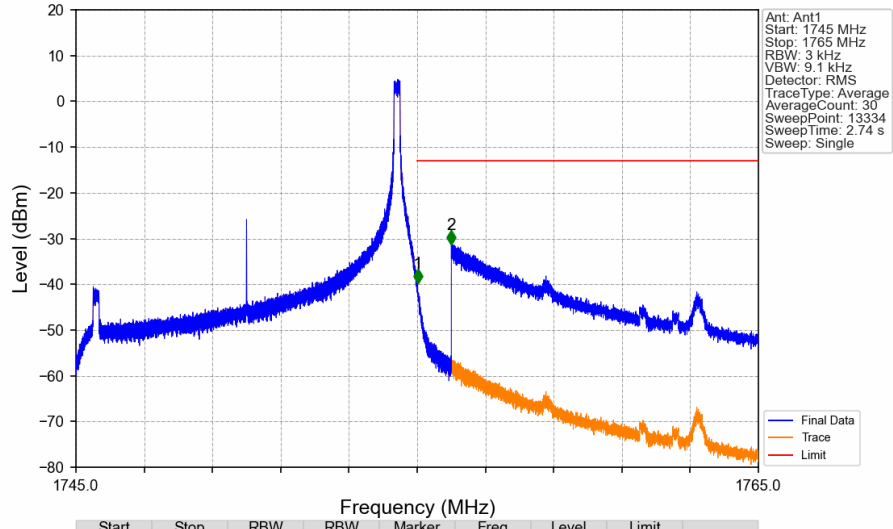
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



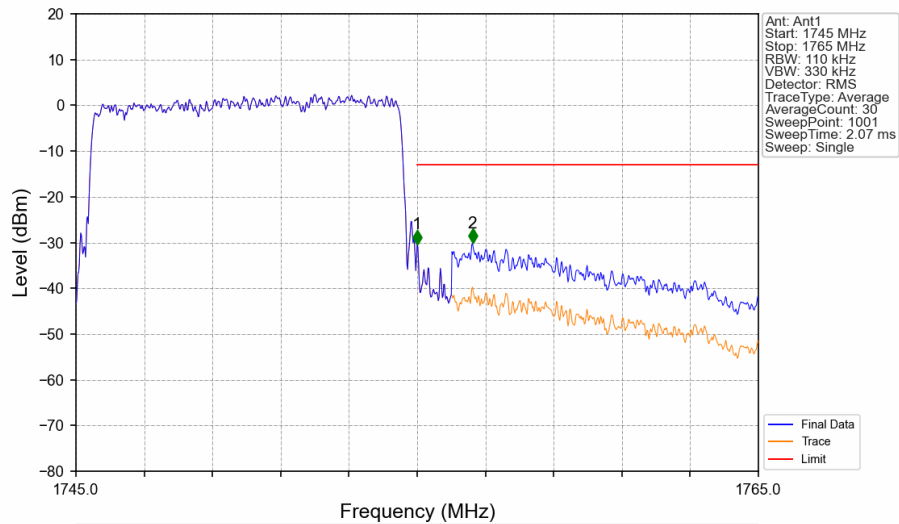
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



Band4 10MHz 16QAM HCH 1750MHz RB 1 49 NTNV



Band4 10MHz 16QAM HCH 1750MHz RB 50 0 NTNV



3.5 B4_15MHz

3.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

