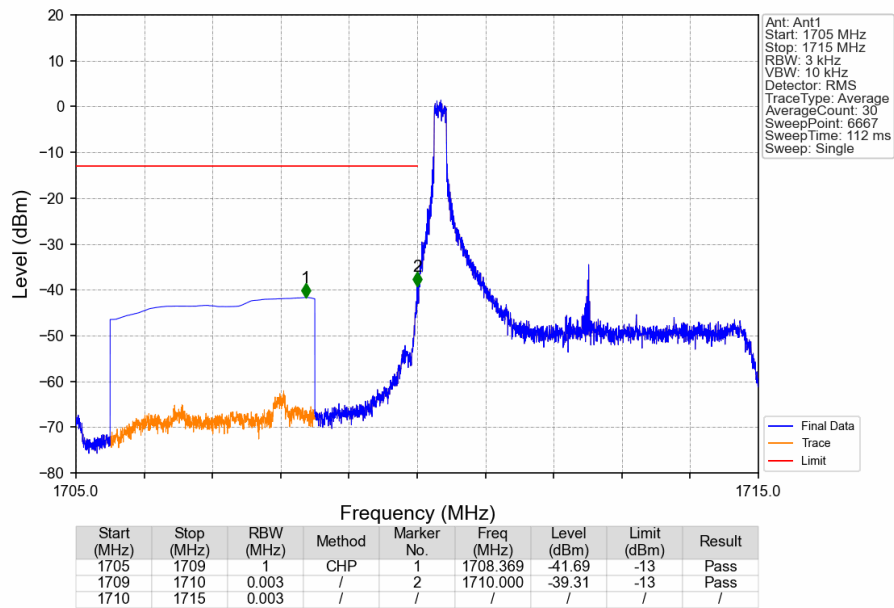


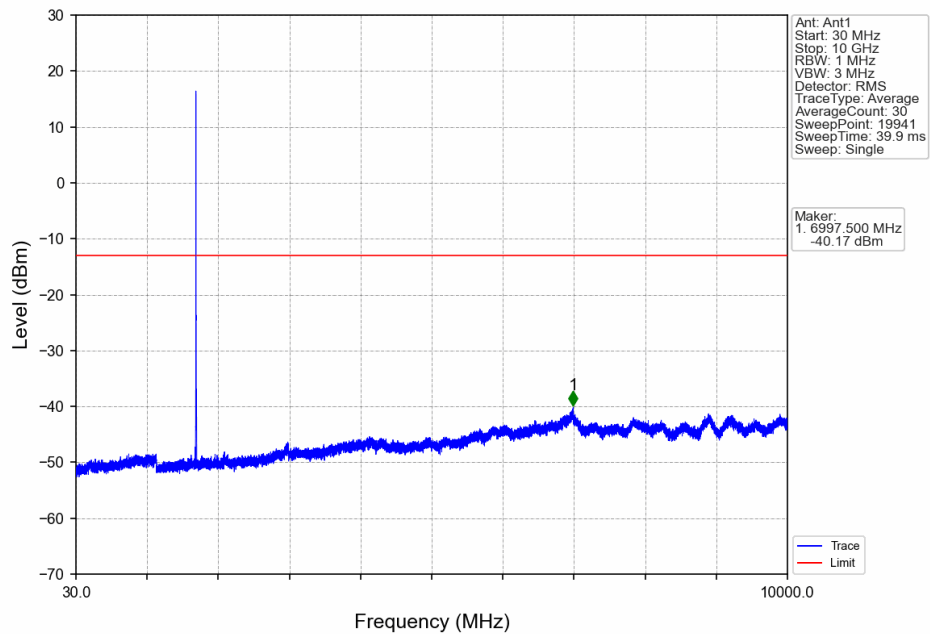


6.3.2 Test Graph

Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

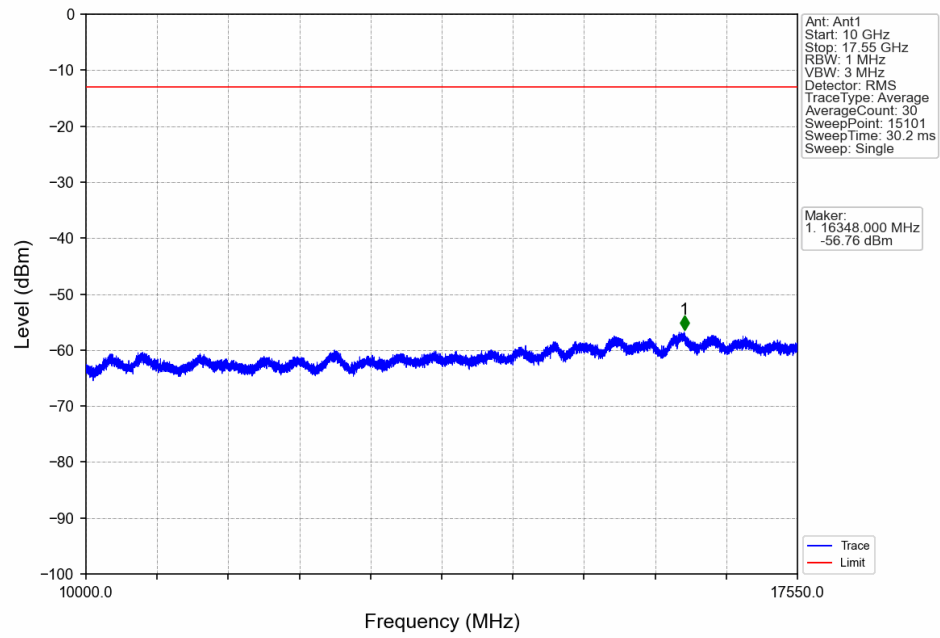


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

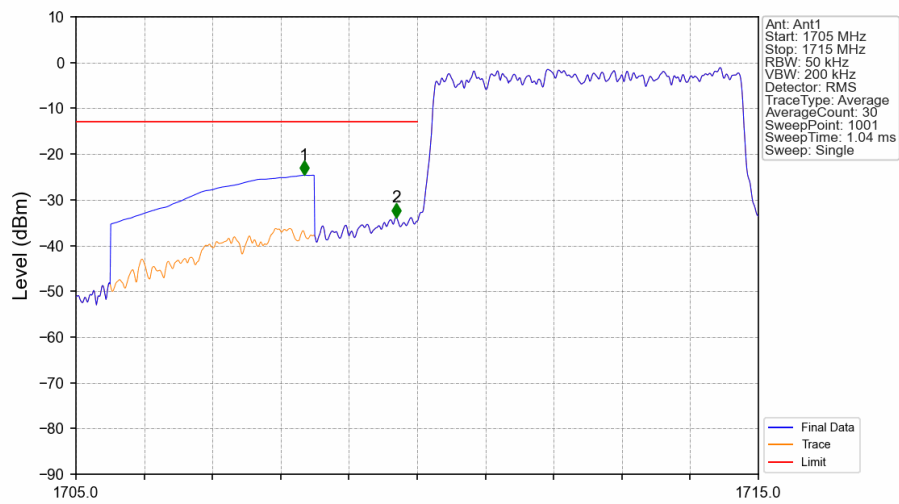




Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



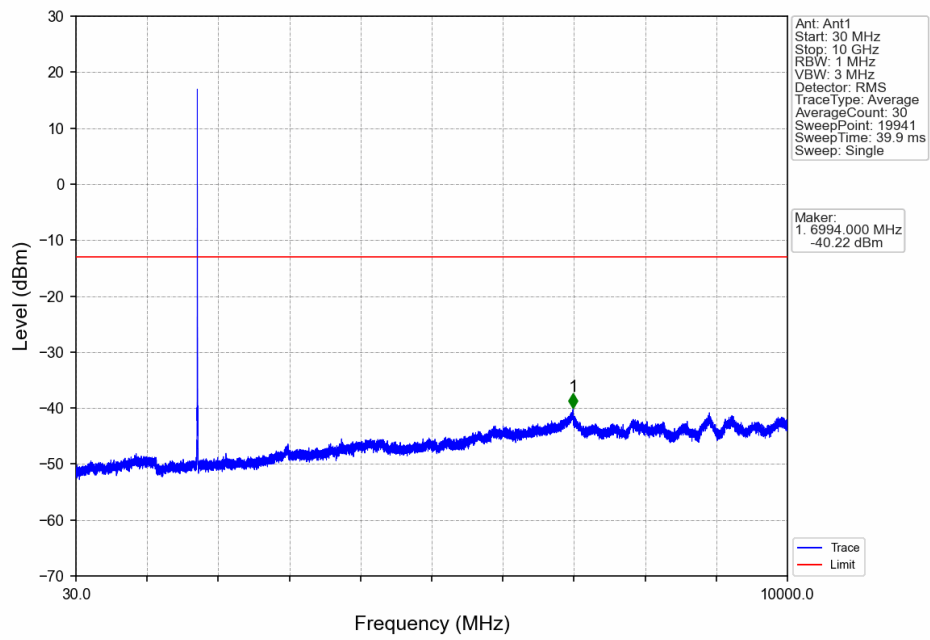
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



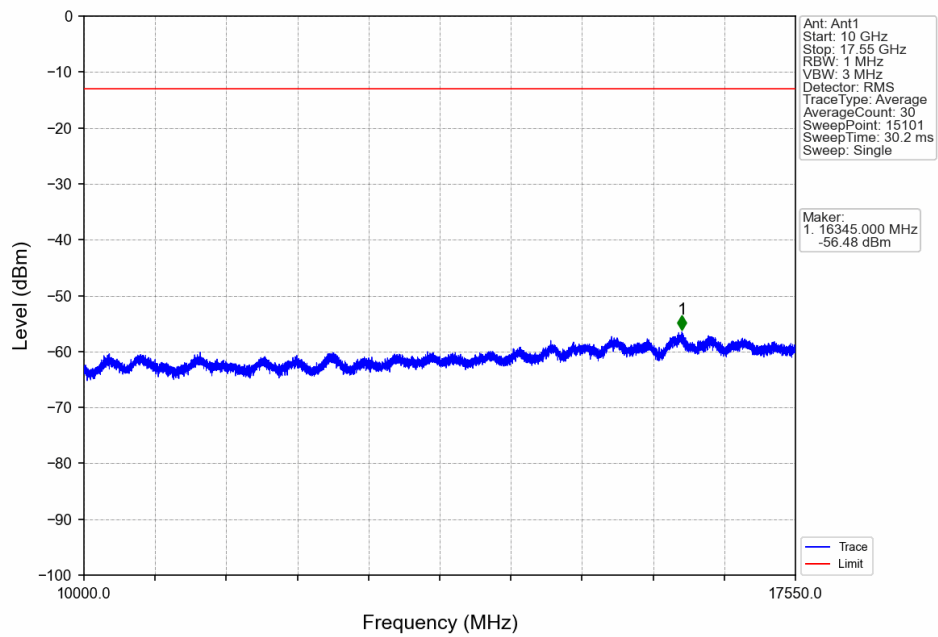
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.340	-24.63	-13	Pass
1709	1710	0.05	/	2	1709.690	-33.82	-13	Pass
1710	1715	0.05	/	/	/	/	/	/



Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

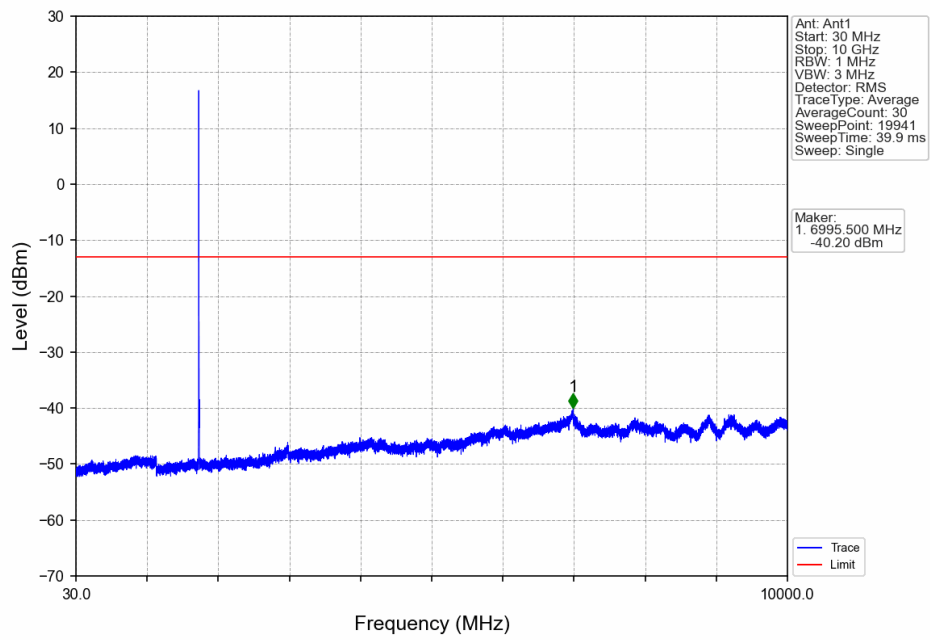


Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

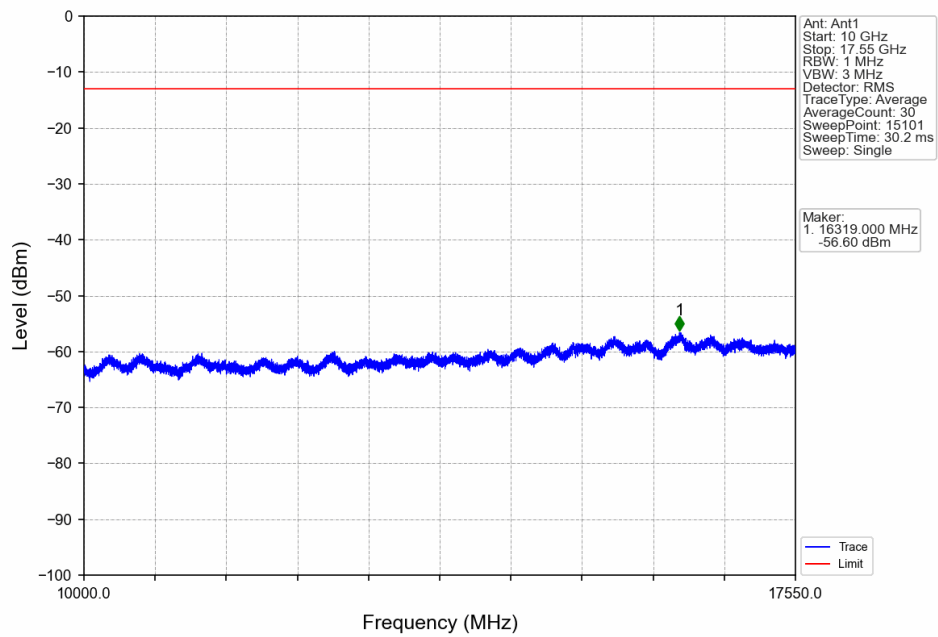




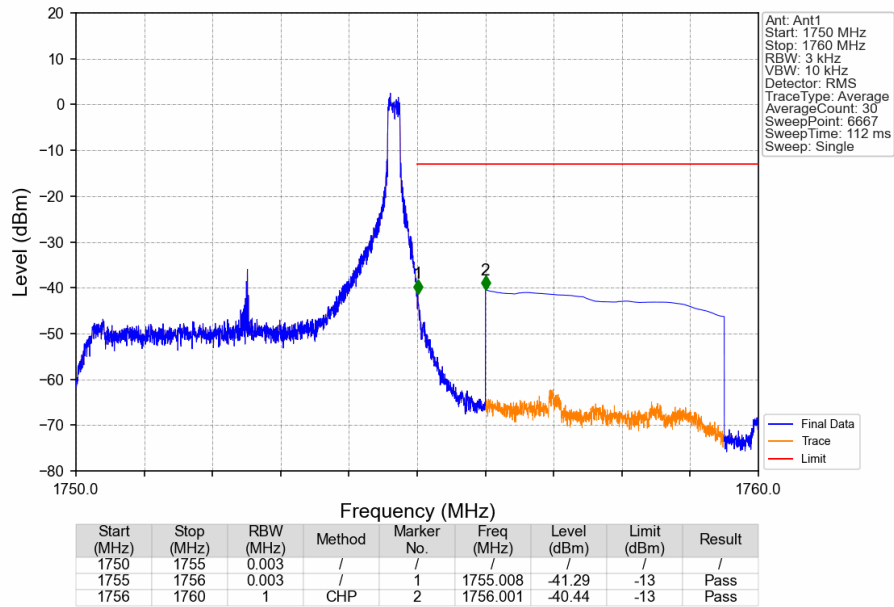
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



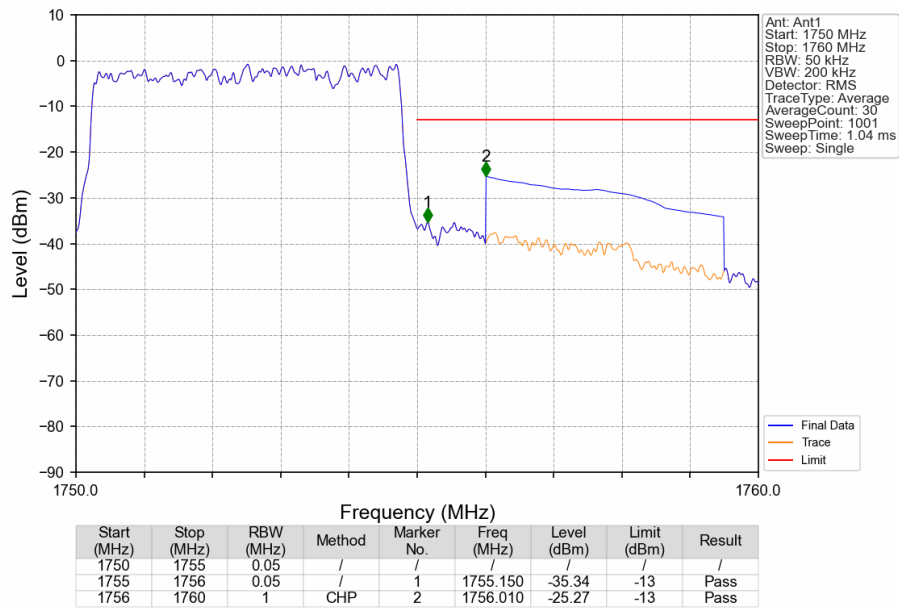
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV

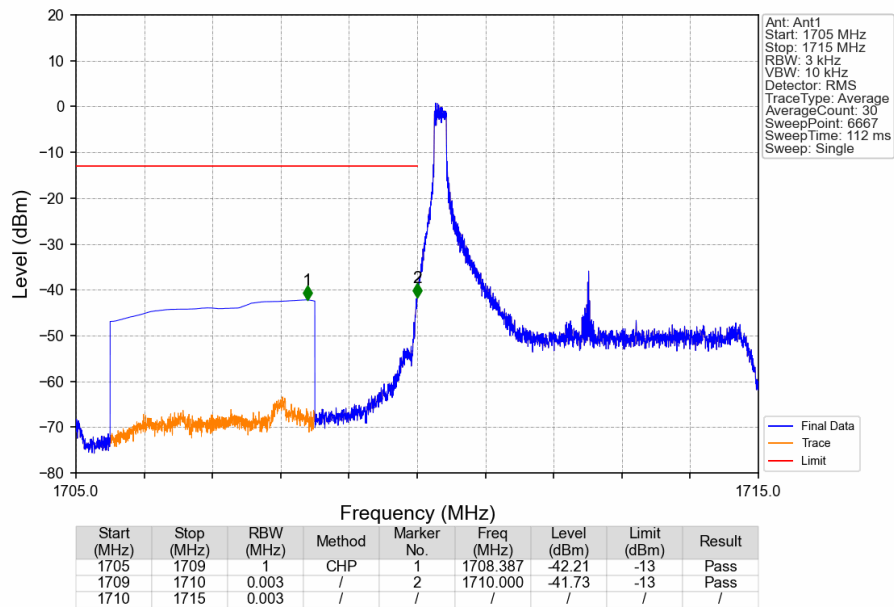


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV

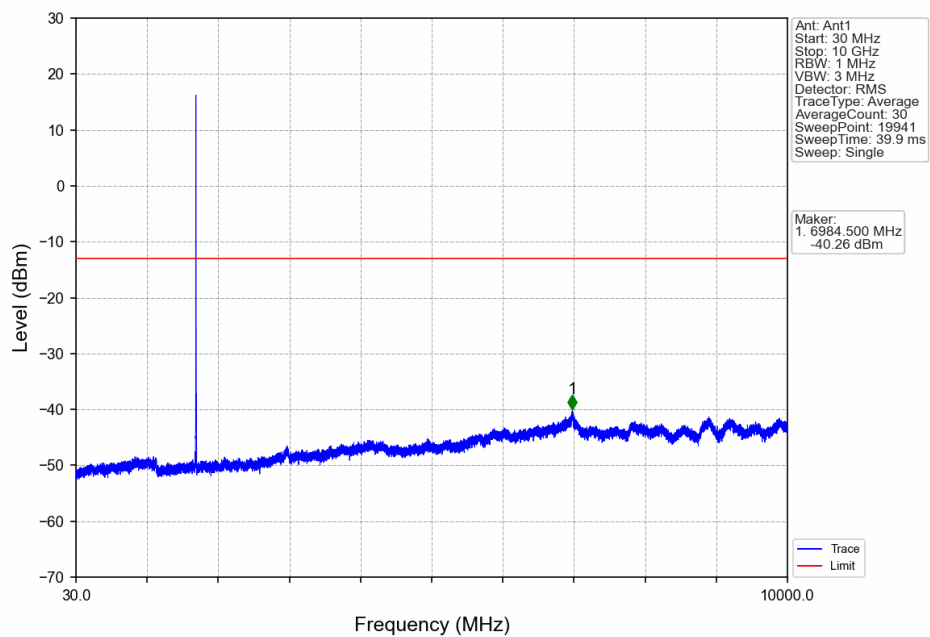




Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

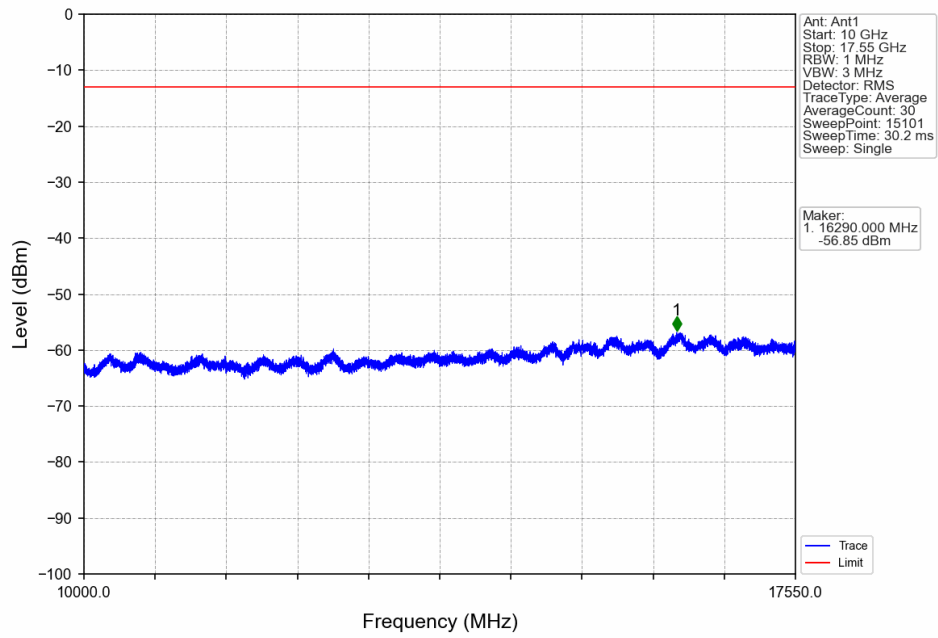


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

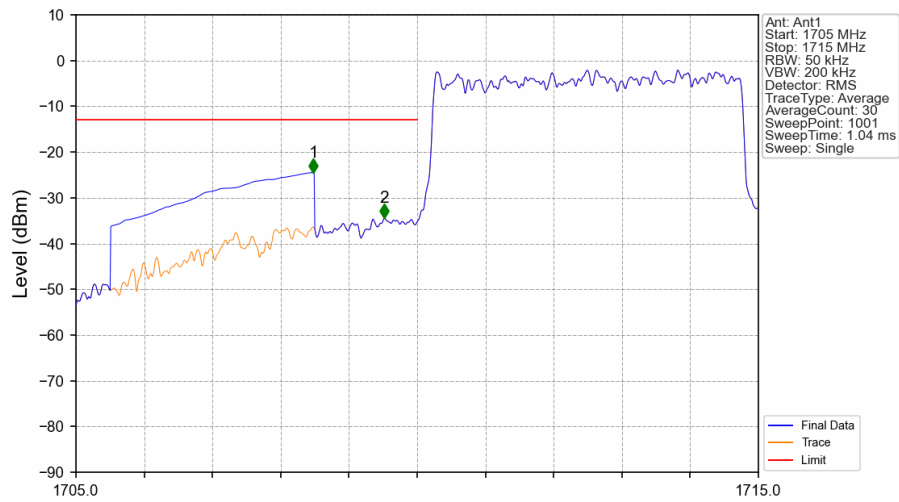




Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



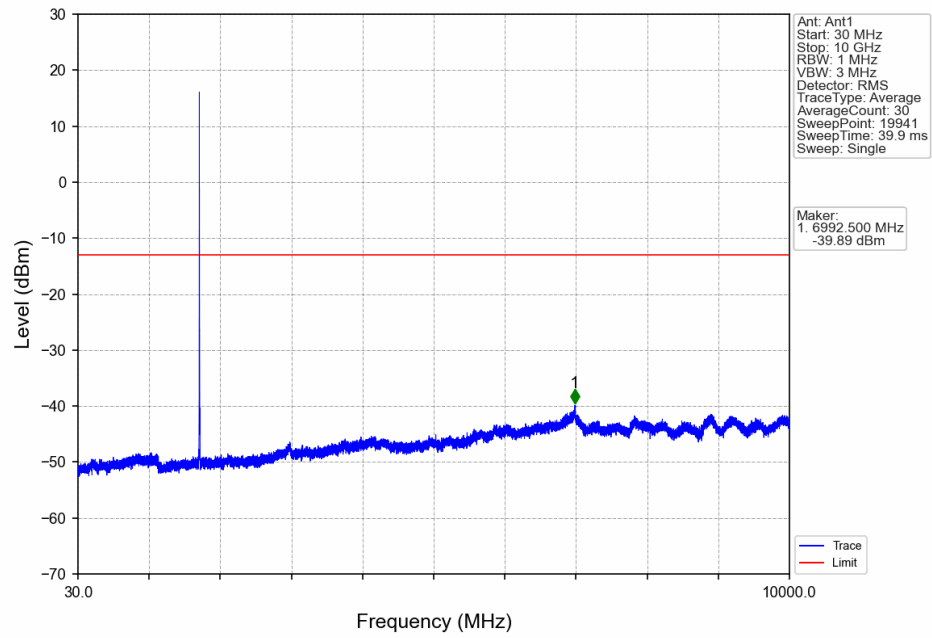
Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



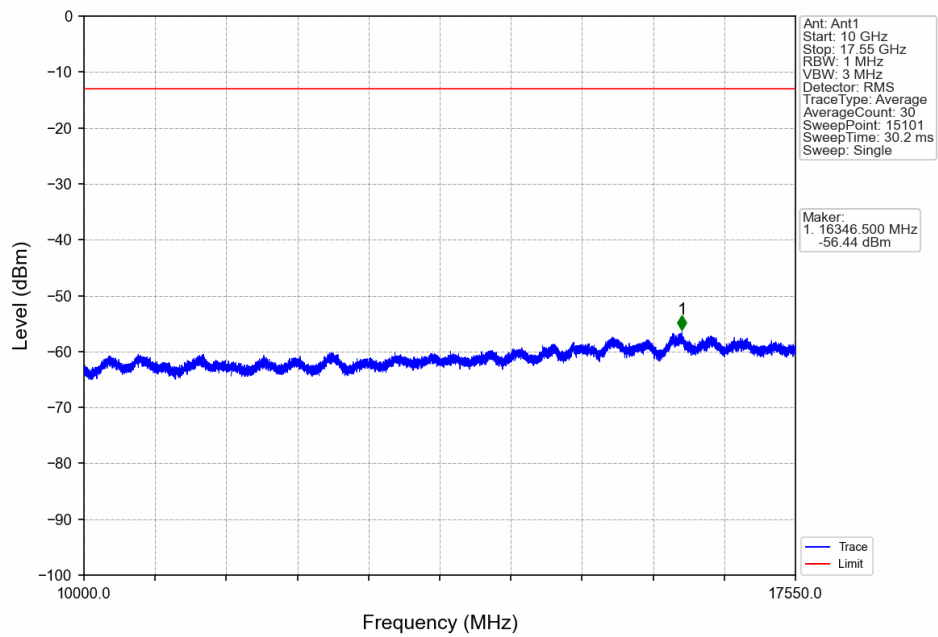
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.480	-24.50	-13	Pass
1709	1710	0.05	/	2	1709.520	-34.37	-13	Pass
1710	1715	0.05	/	/	/	/	/	/



Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

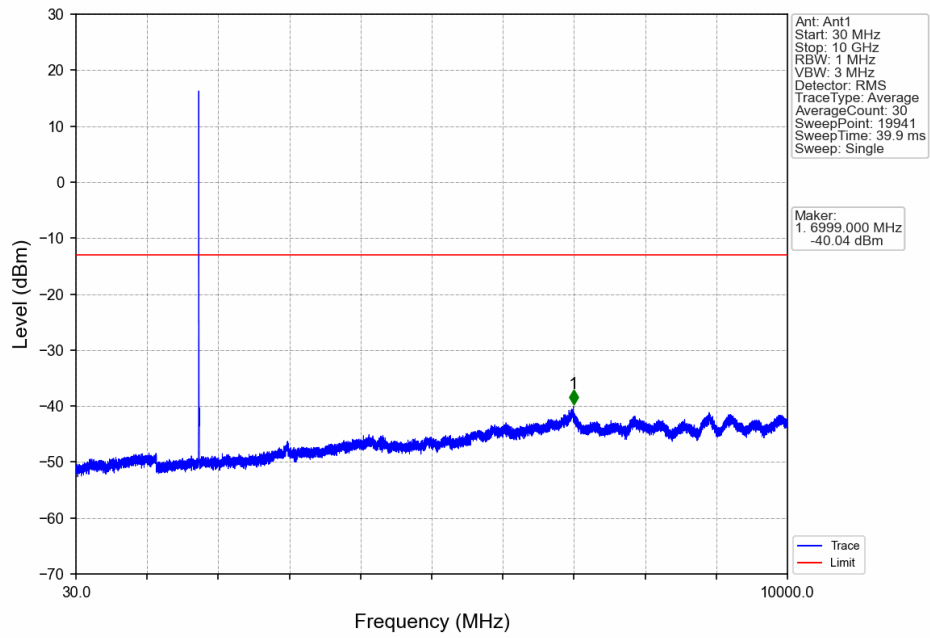


Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

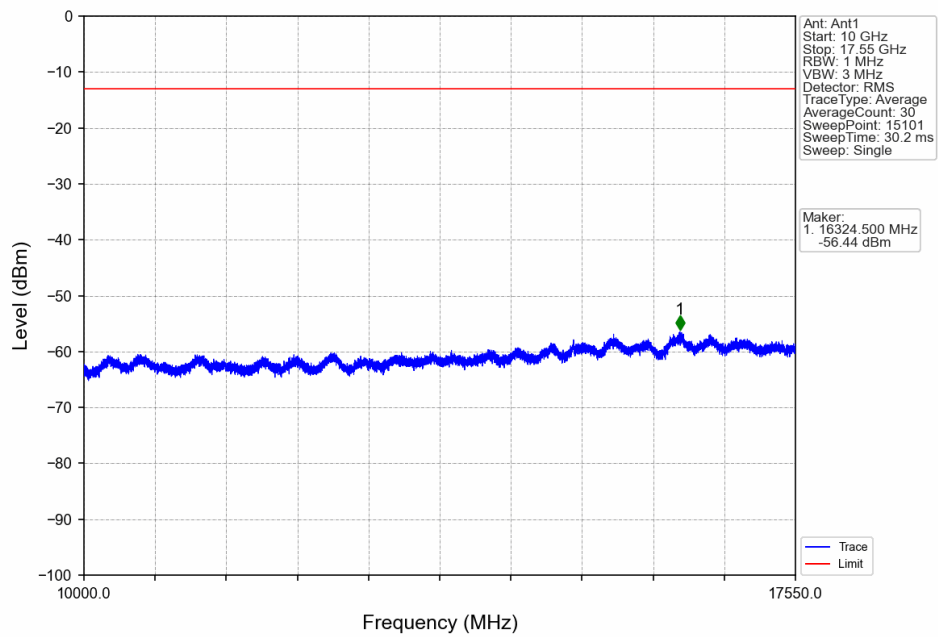




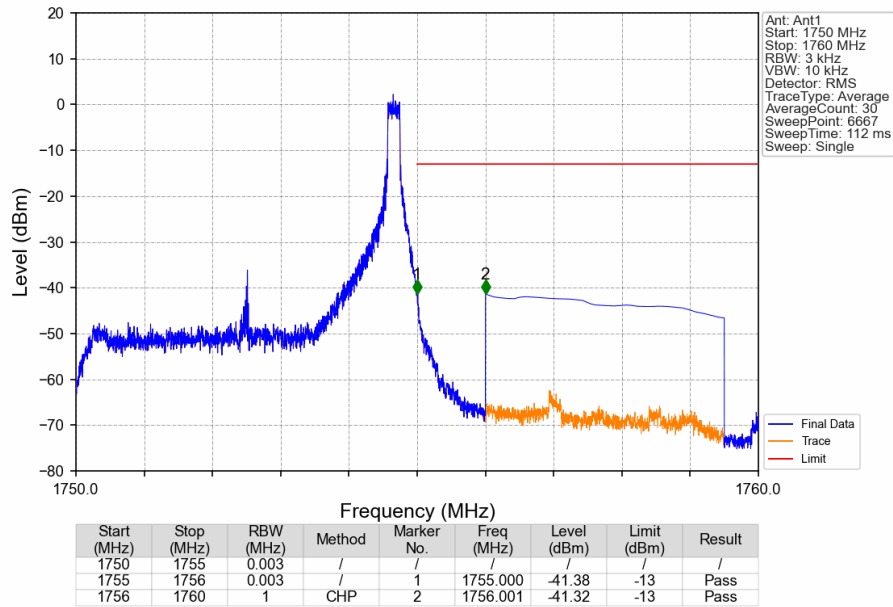
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



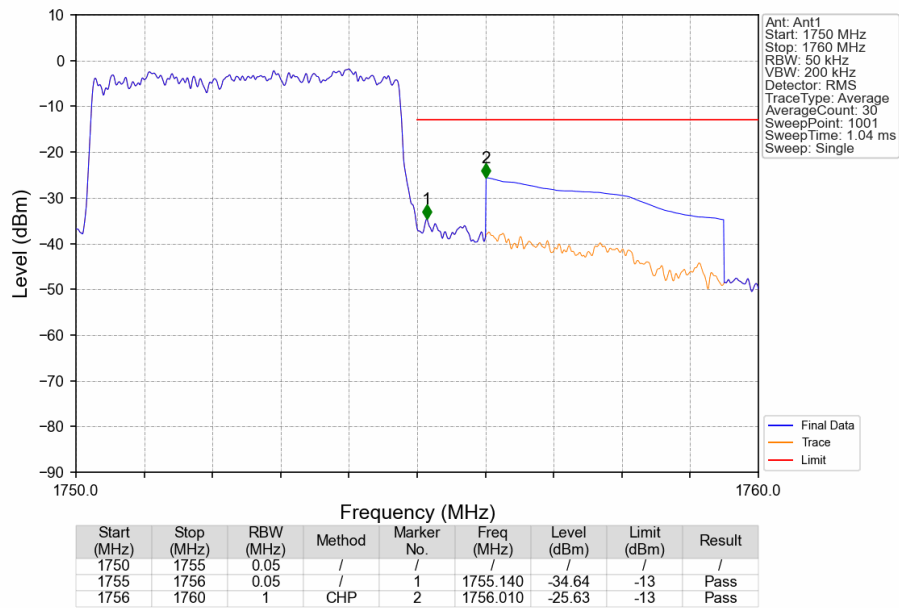
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV





6.4 B4_10MHz

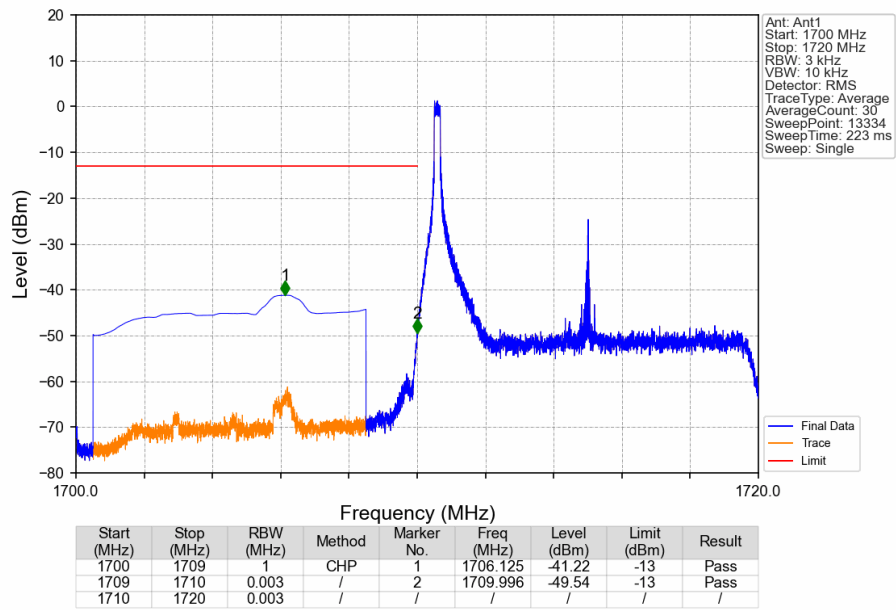
6.4.1 Test Result

Band: 4 / Bandwidth: 10MHz / NTV						
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

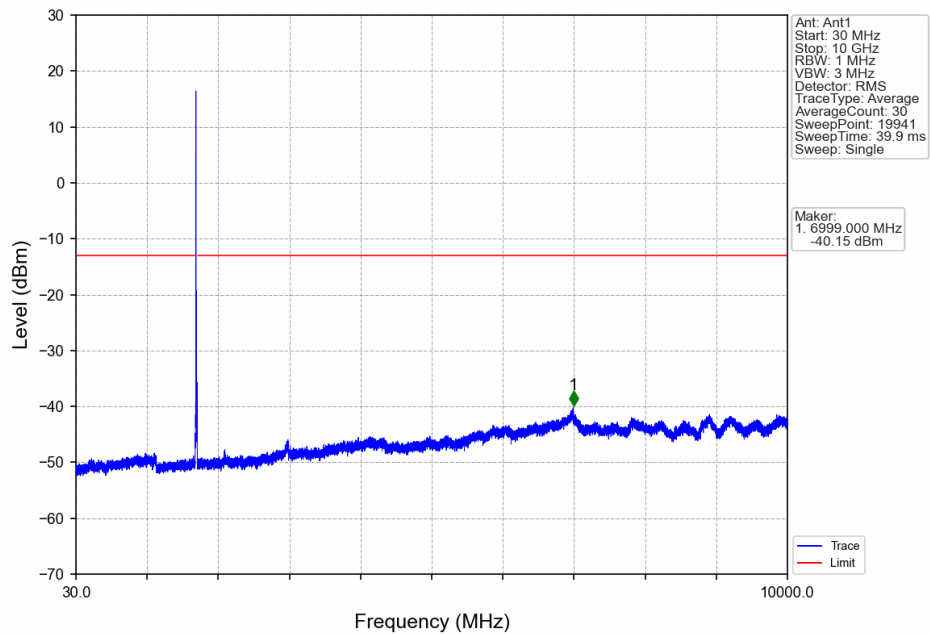


6.4.2 Test Graph

Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

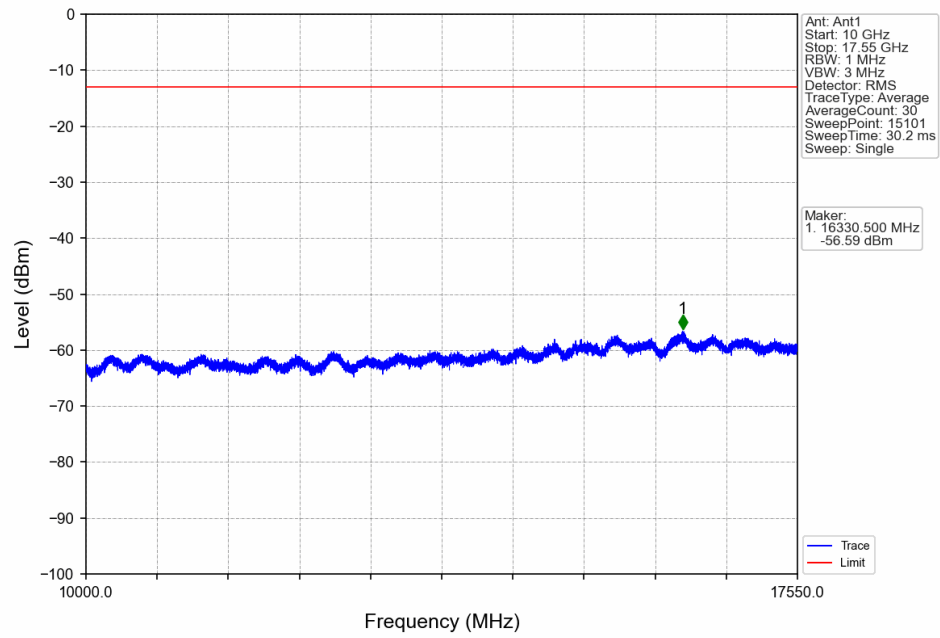


Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

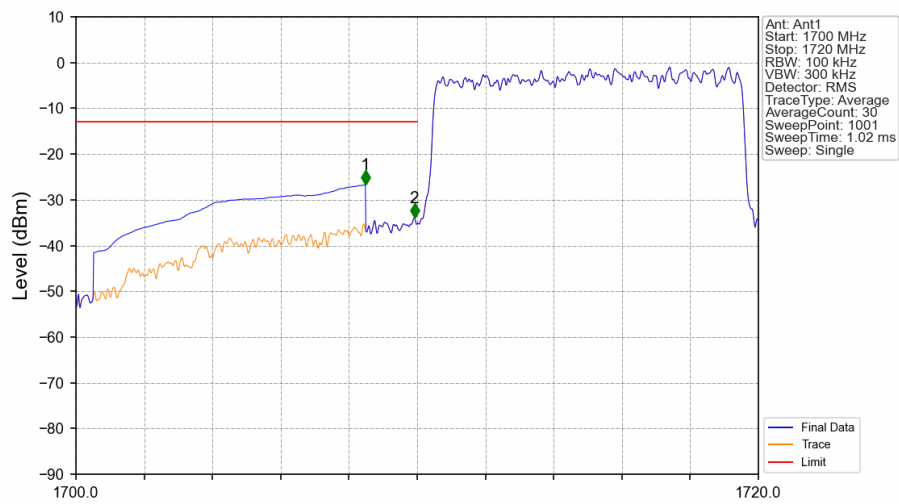




Band4_10MHz_QPSK_LCH_1715MHz_RB 1 0_NTNV



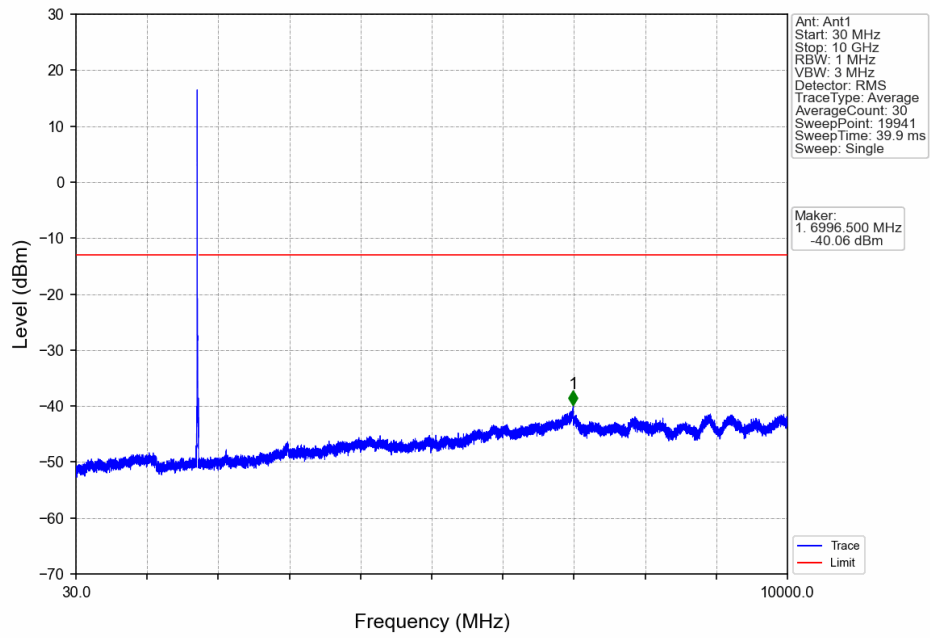
Band4_10MHz_QPSK_LCH_1715MHz_RB 50 0_NTNV



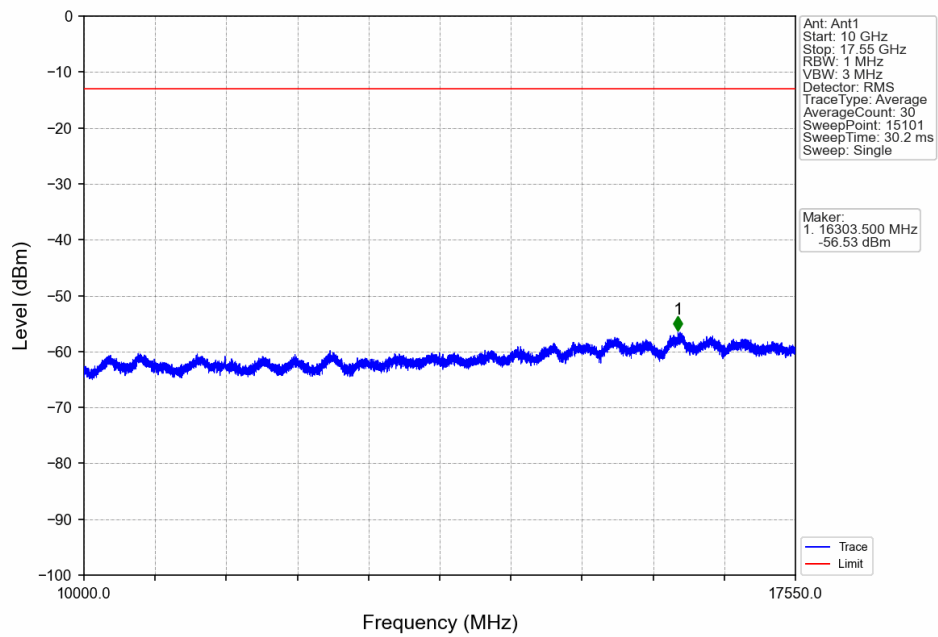
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-26.73	-13	Pass
1709	1710	0.1	/	2	1709.920	-33.91	-13	Pass
1710	1720	0.1	/	/	/	/	/	/



Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

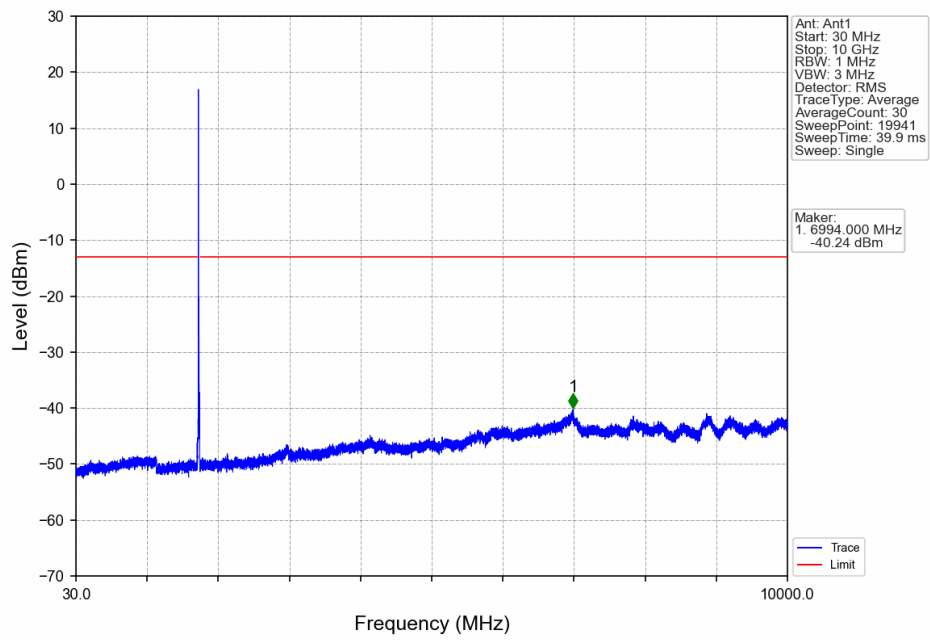


Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

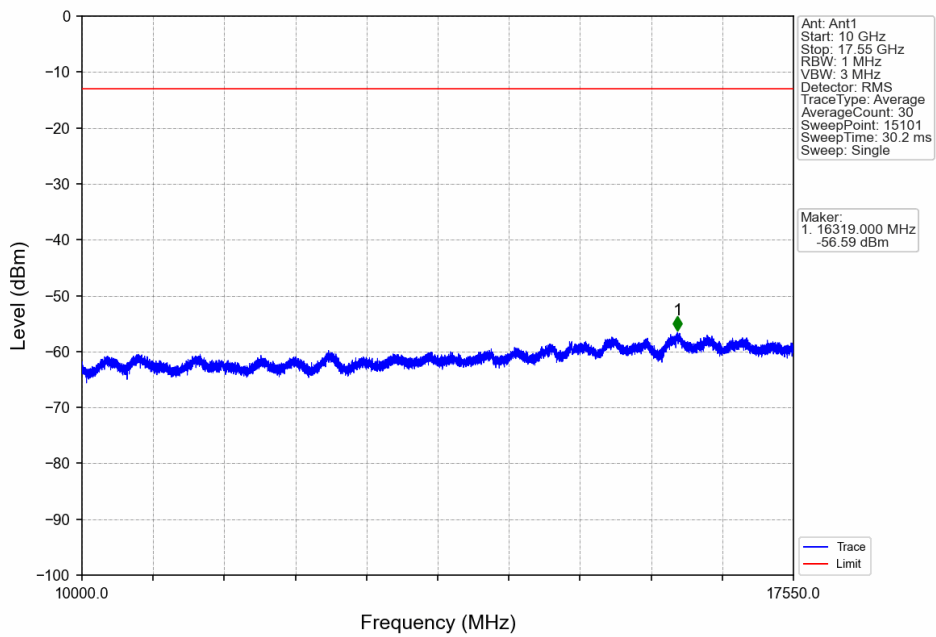




Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

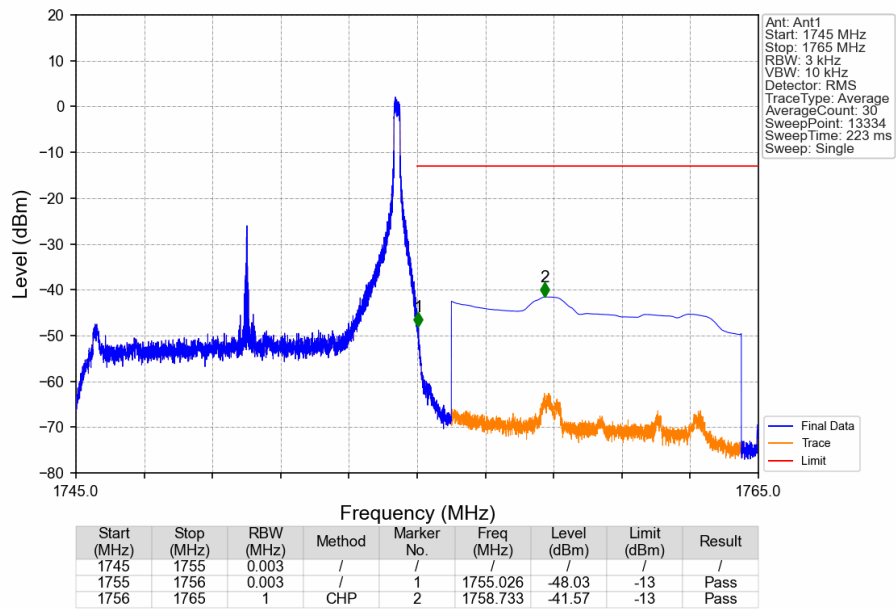


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

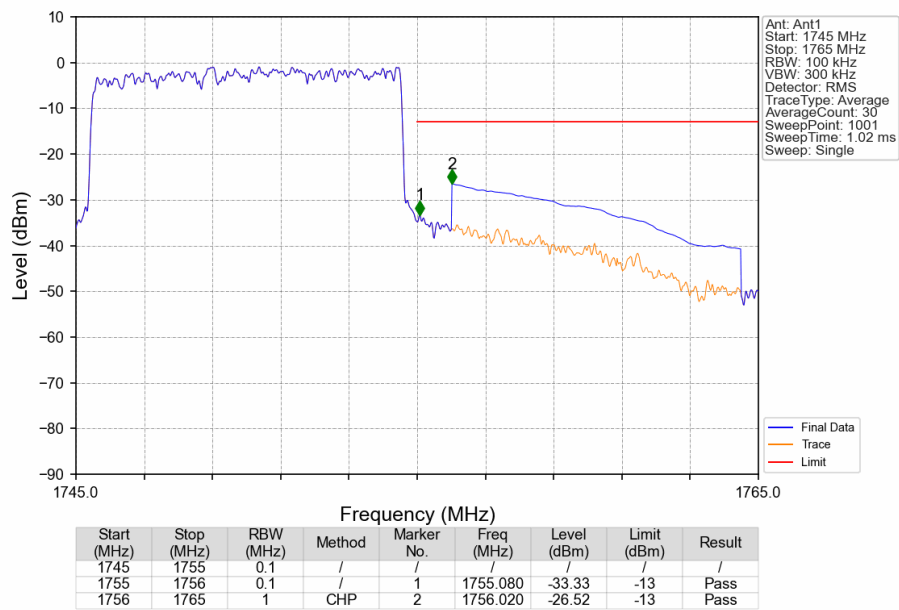




Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV

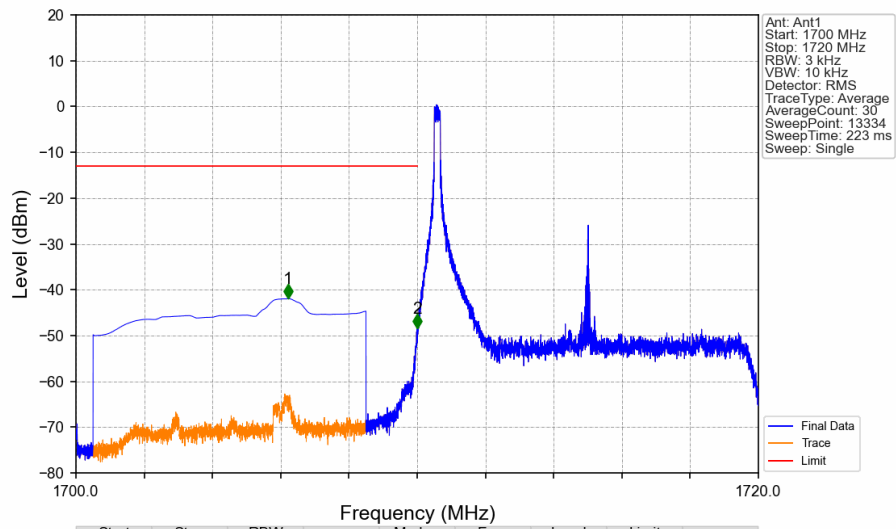


Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

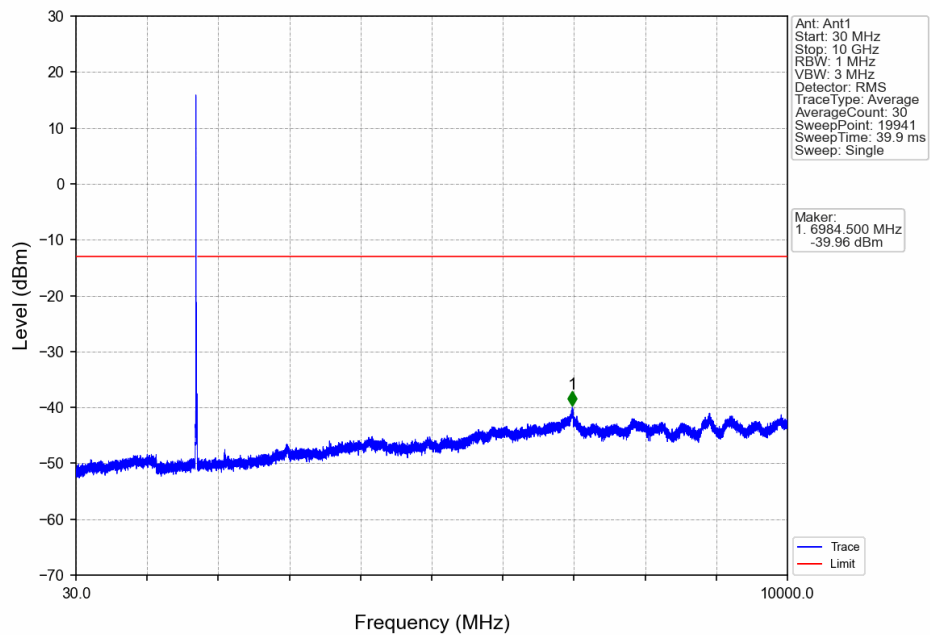




Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

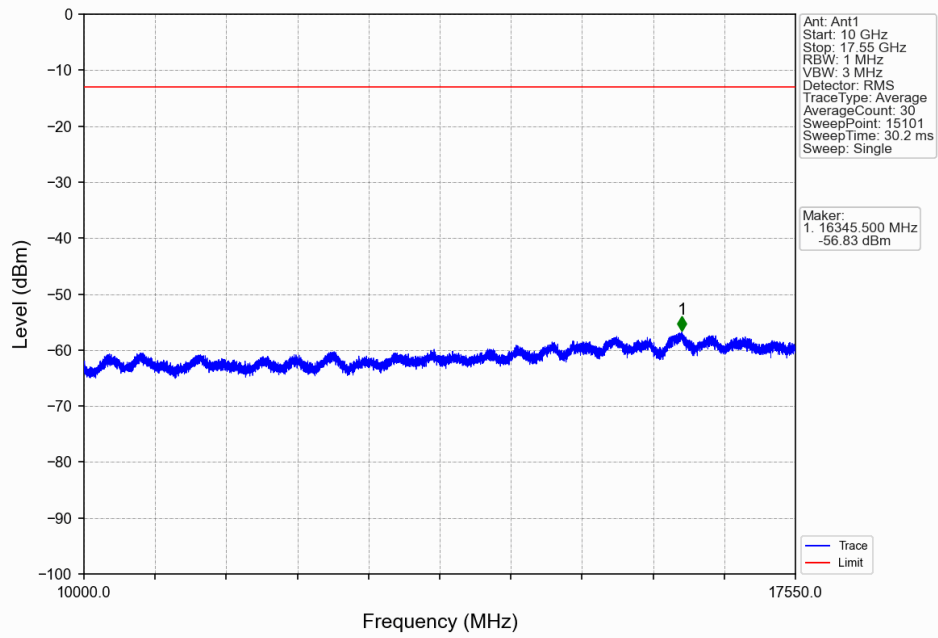


Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

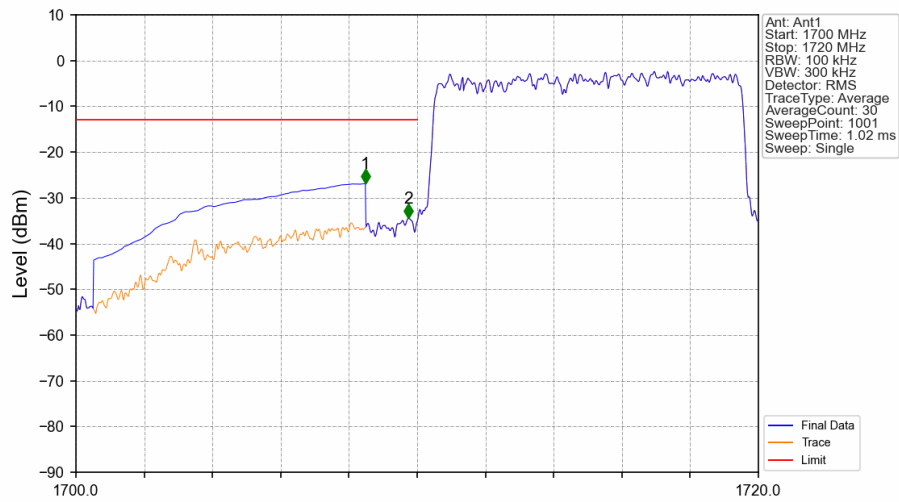




Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



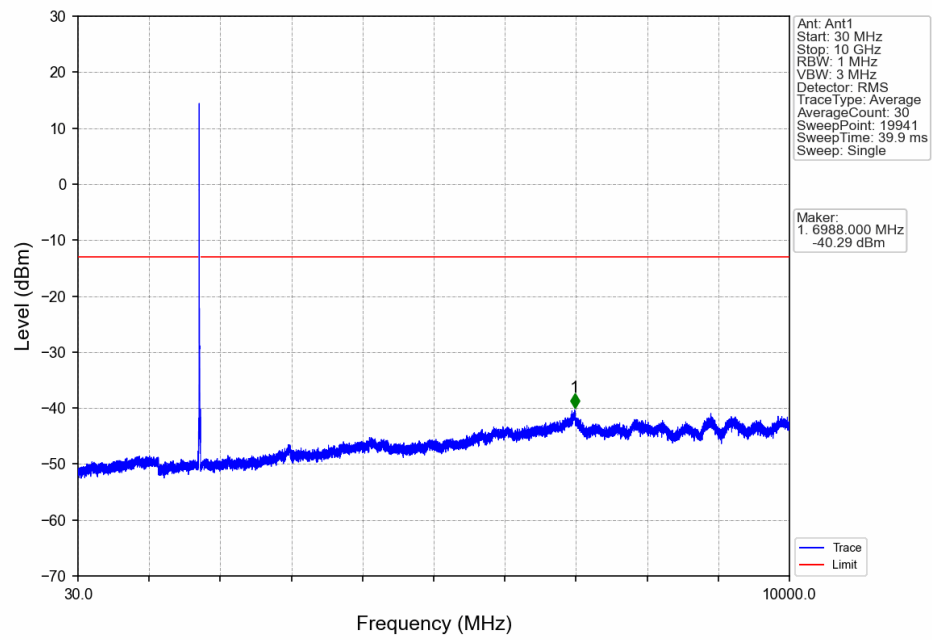
Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



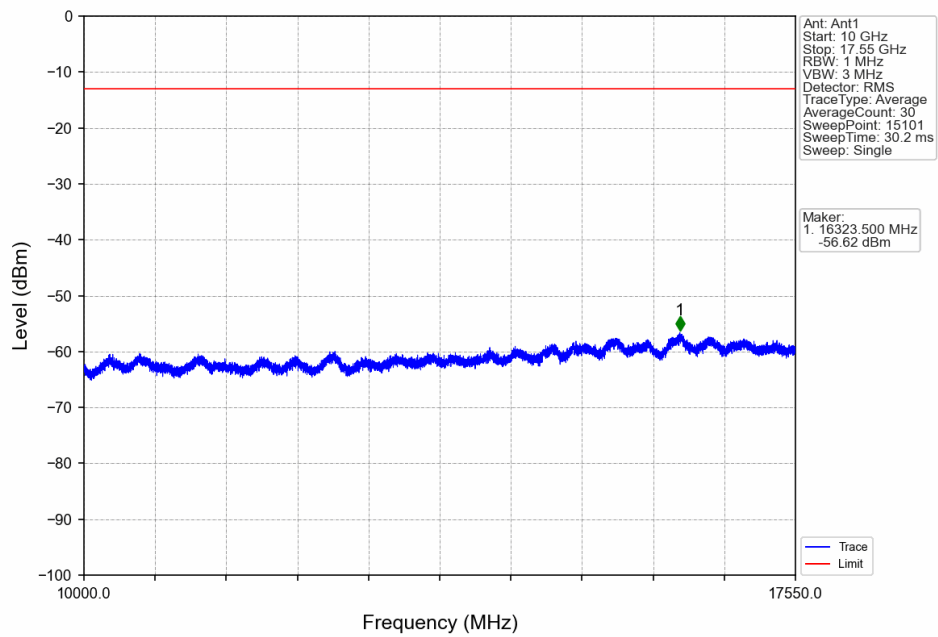
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-26.92	-13	Pass
1709	1710	0.1	/	2	1709.740	-34.47	-13	Pass
1710	1720	0.1	/	/	/	/	/	/



Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

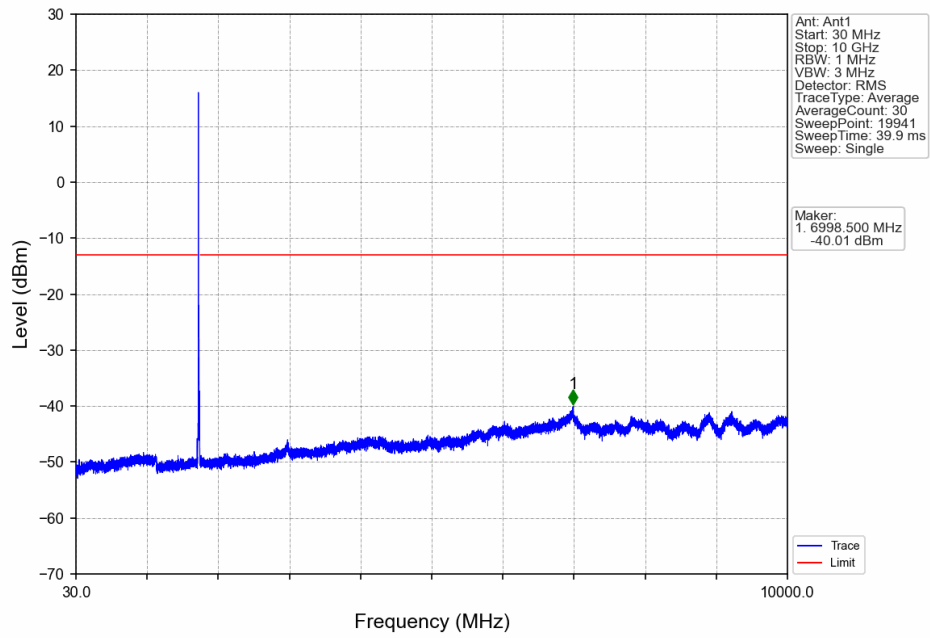


Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

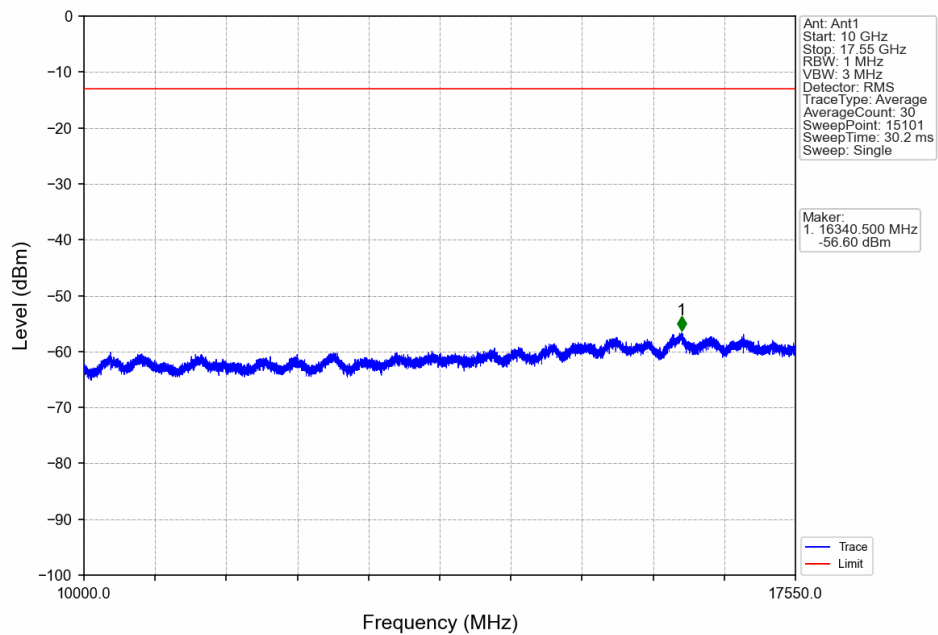




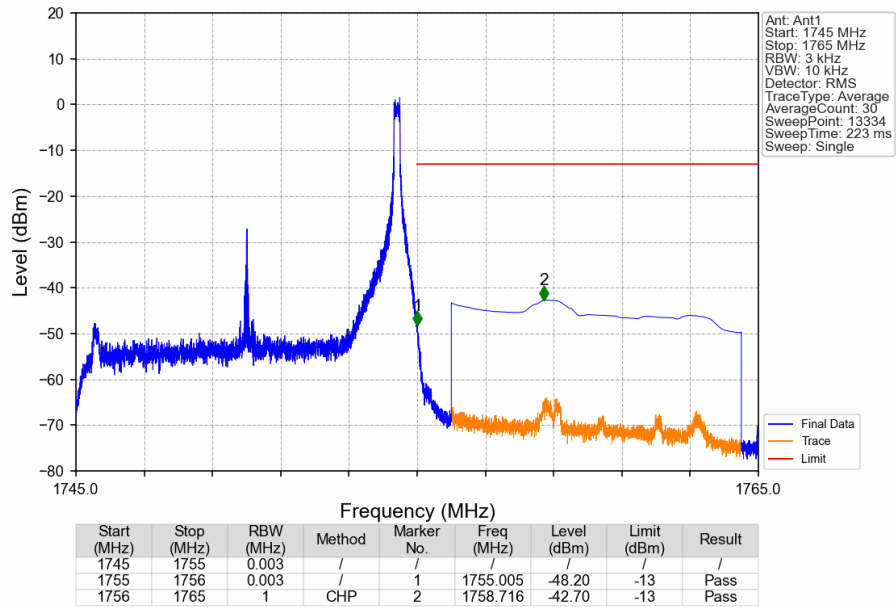
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



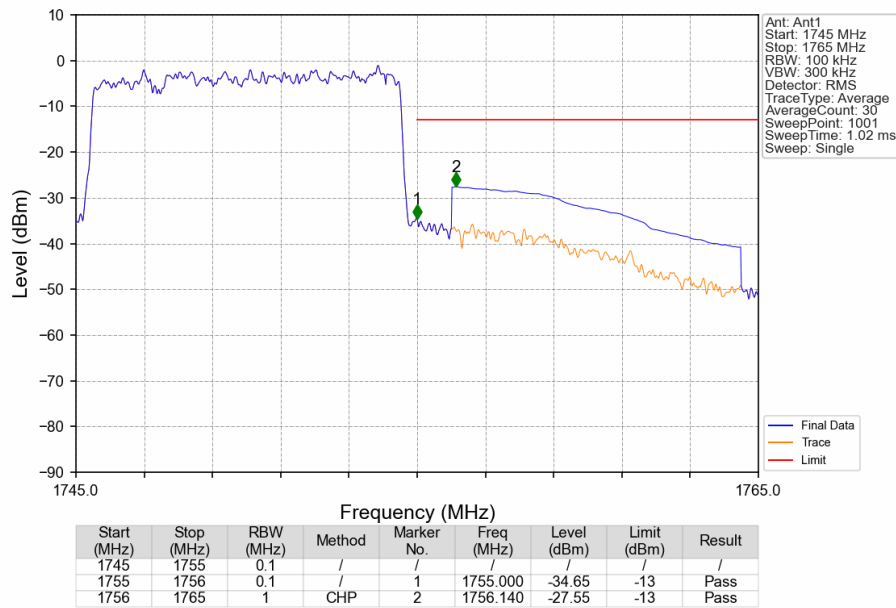
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV





6.5 B4_15MHz

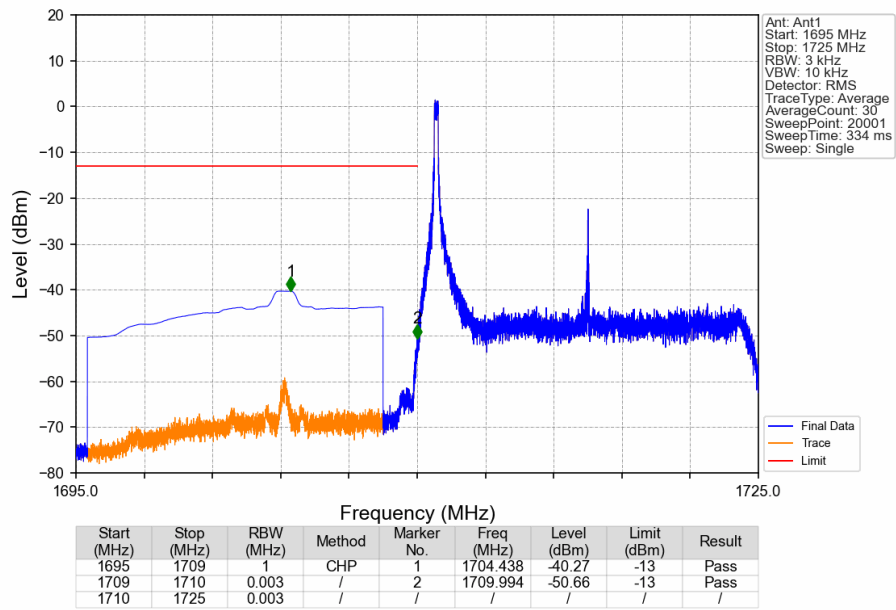
6.5.1 Test Result

Band: 4 / Bandwidth: 15MHz / NTV						
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

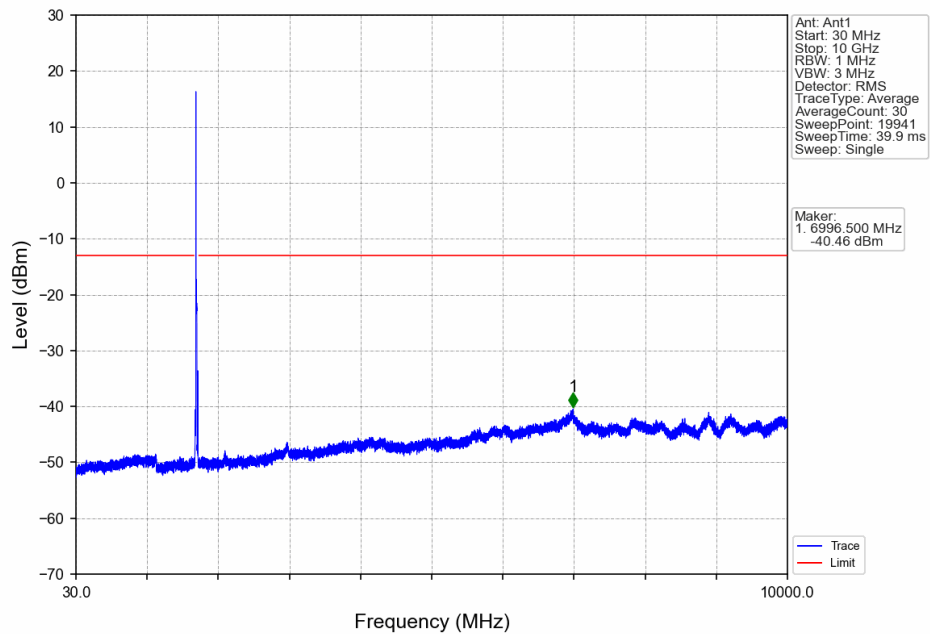


6.5.2 Test Graph

Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

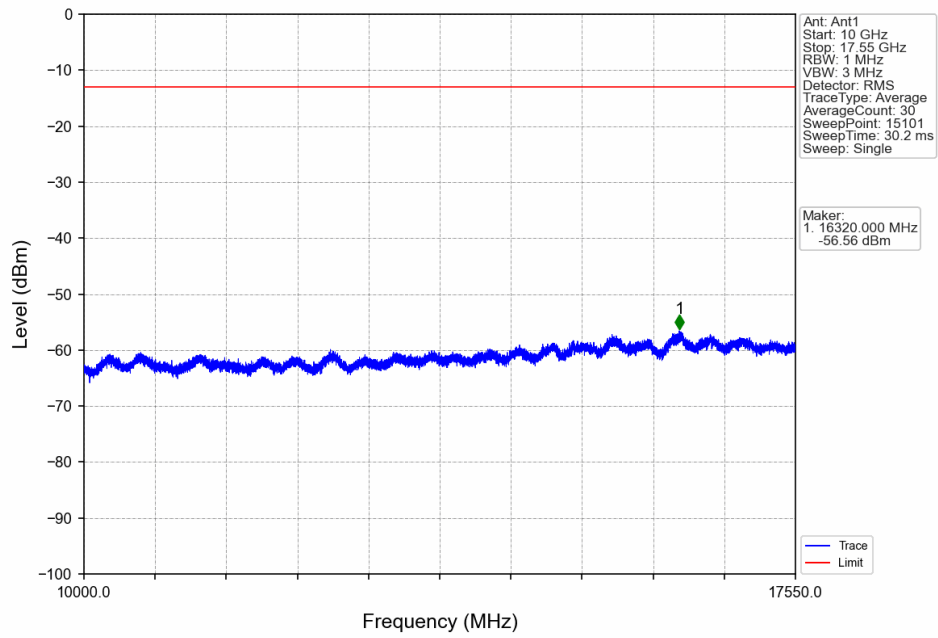


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

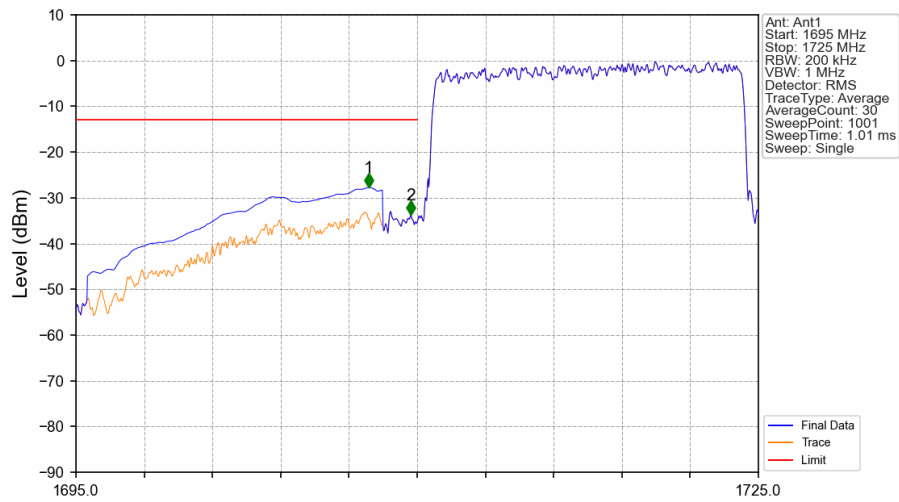




Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



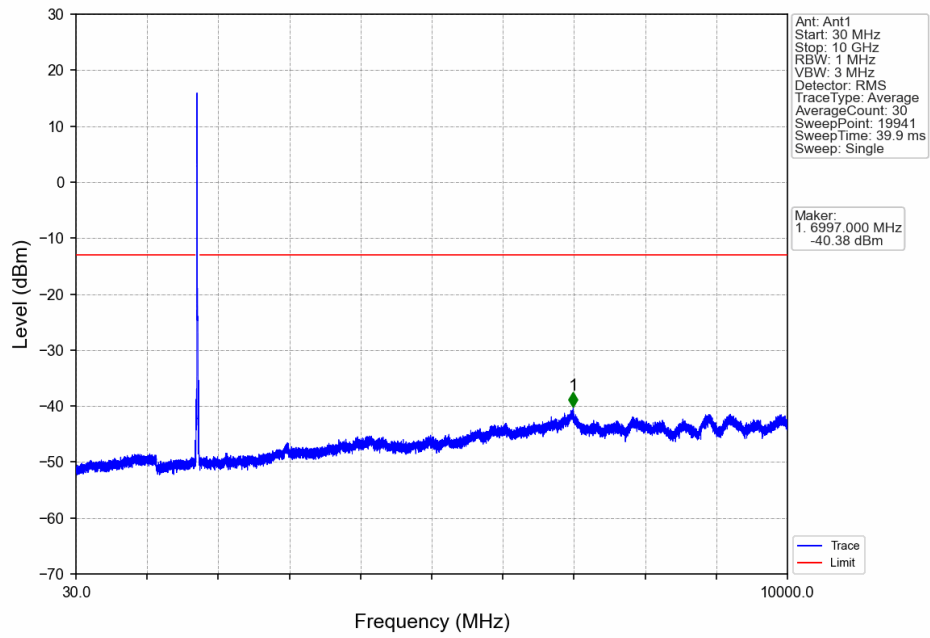
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



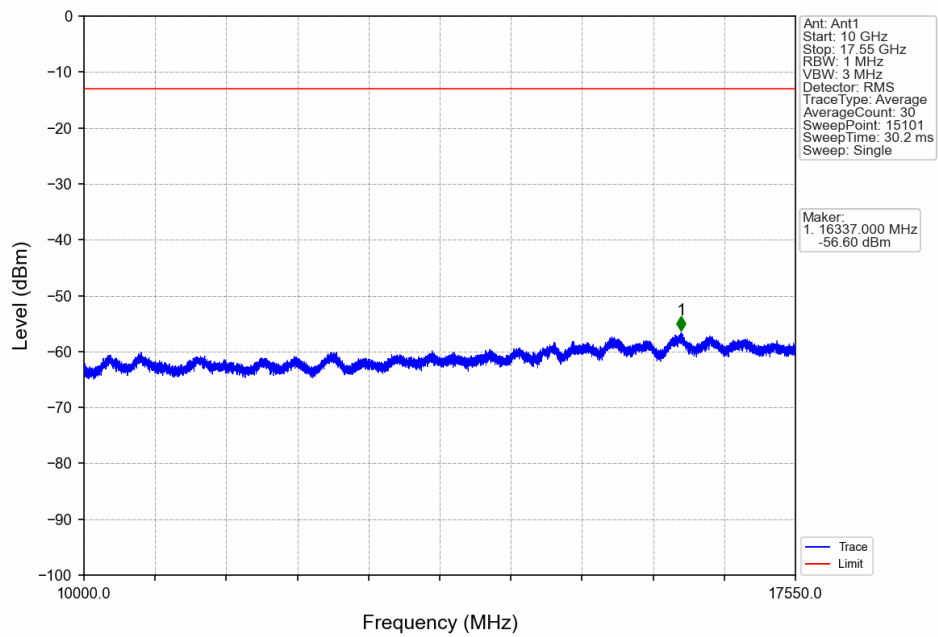
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.870	-27.73	-13	Pass
1709	1710	0.2	/	2	1709.730	-33.74	-13	Pass
1710	1725	0.2	/	/	/	/	/	/



Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

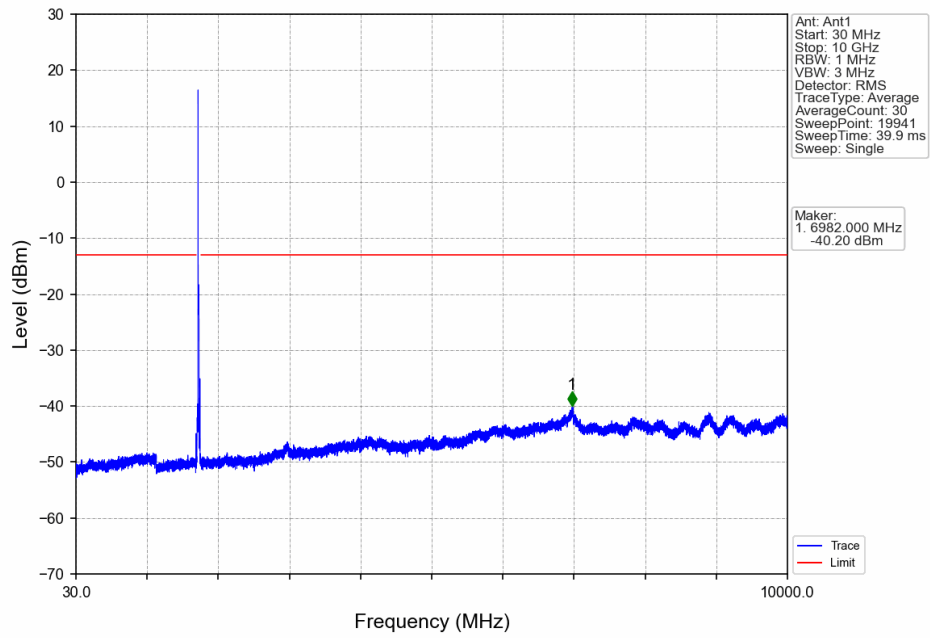


Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

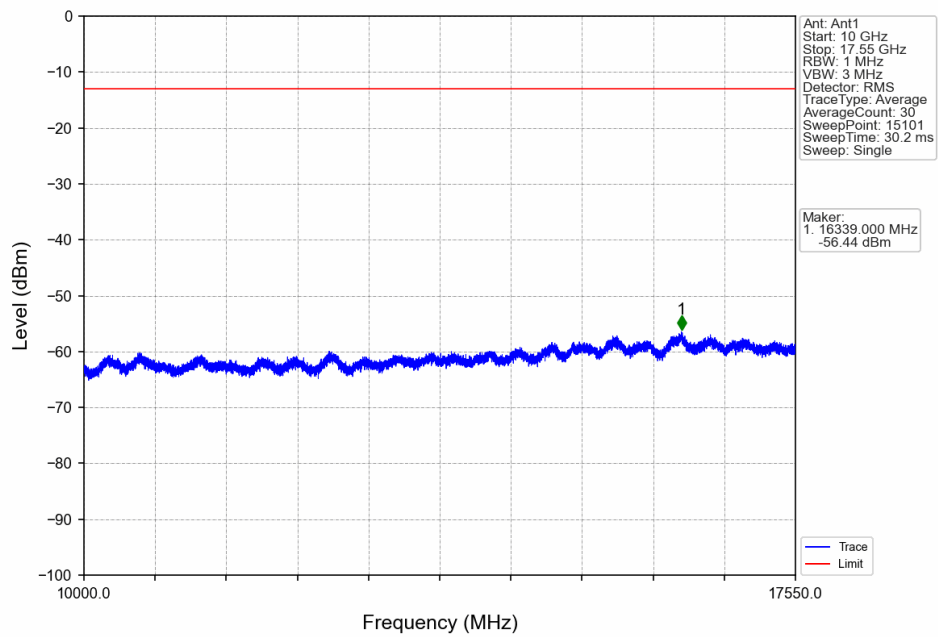




Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

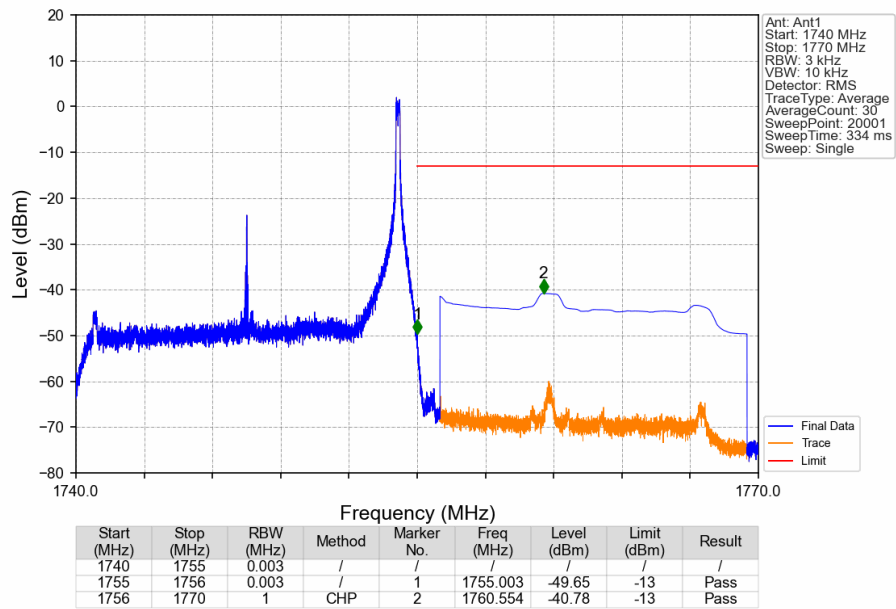


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

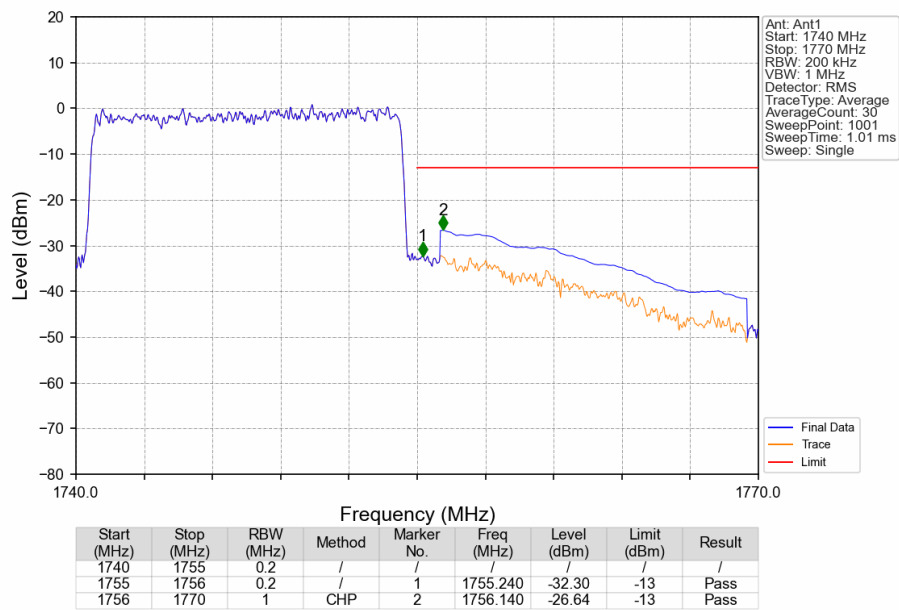




Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV

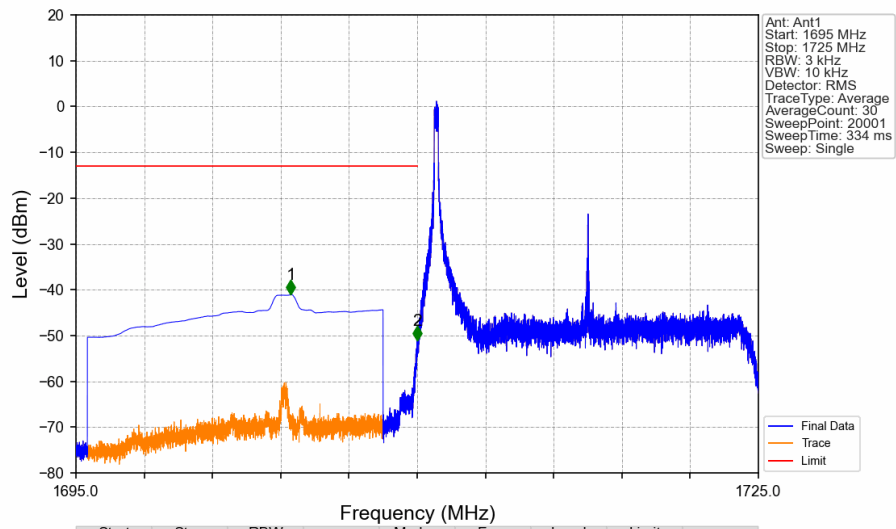


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

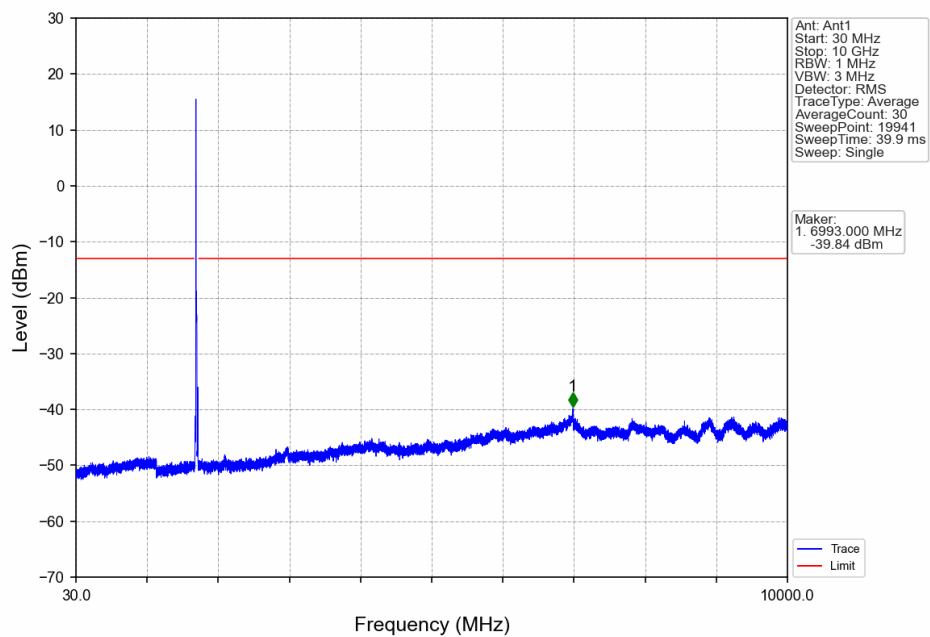




Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

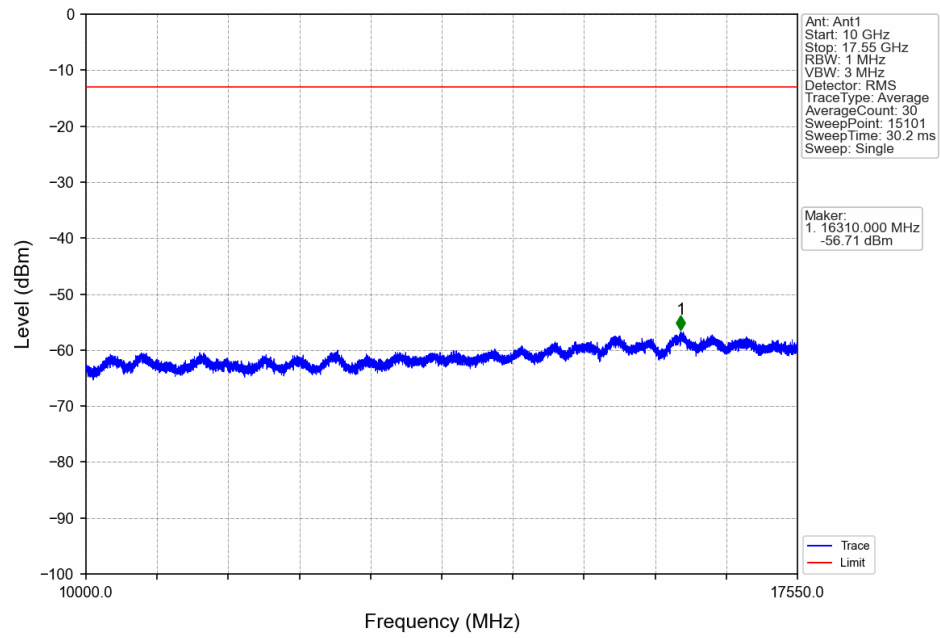


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

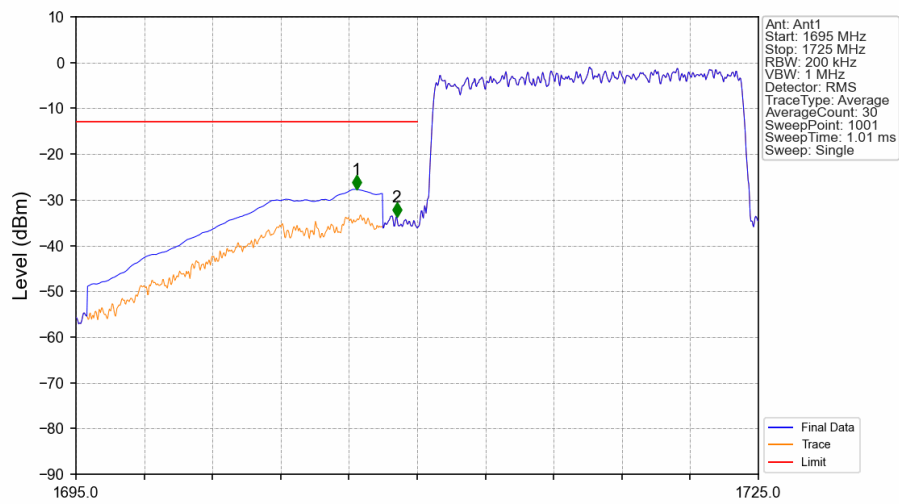




Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



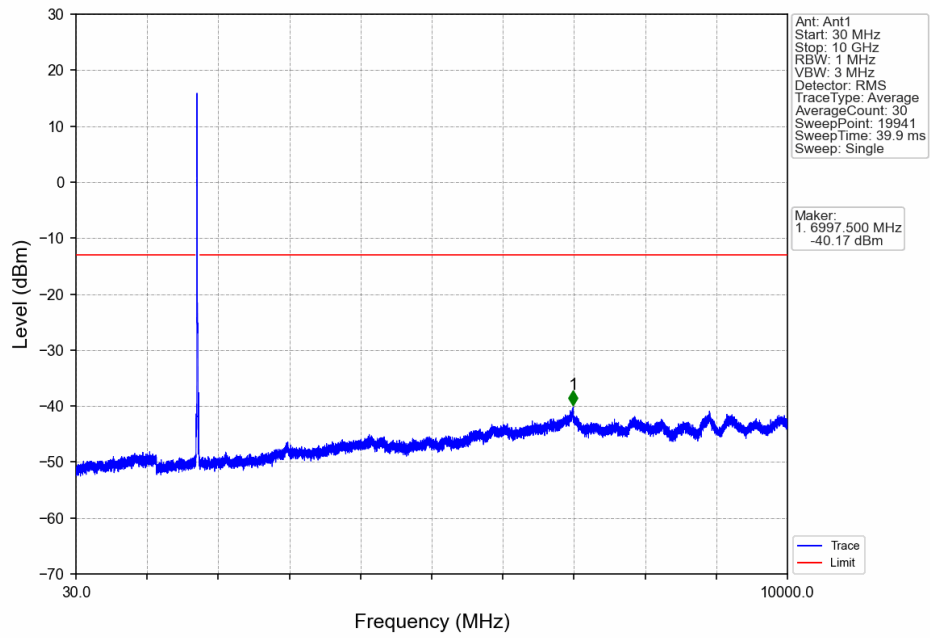
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



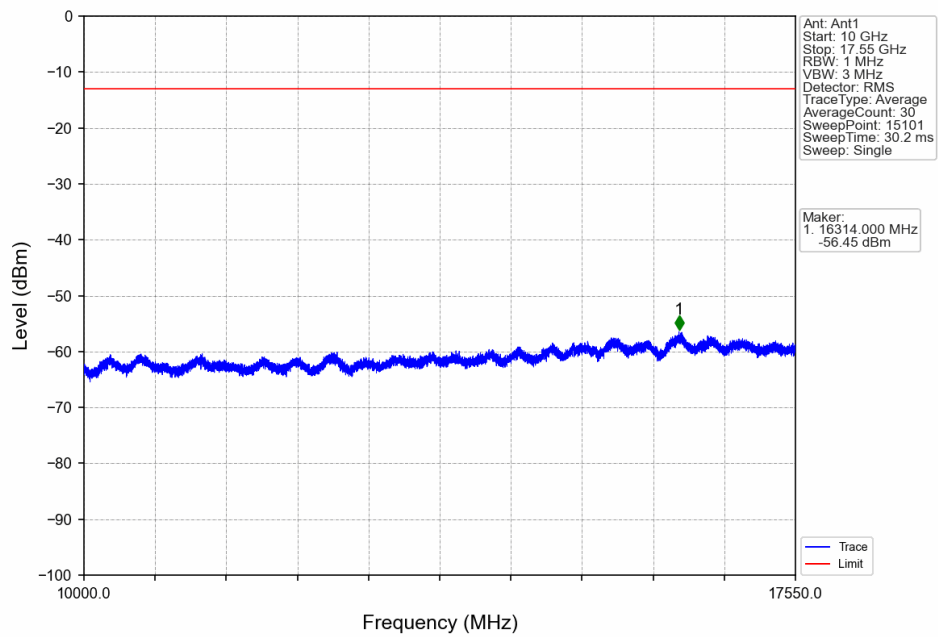
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.330	-27.70	-13	Pass
1709	1710	0.2	/	2	1709.100	-33.70	-13	Pass
1710	1725	0.2	/	/	/	/	/	/



Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

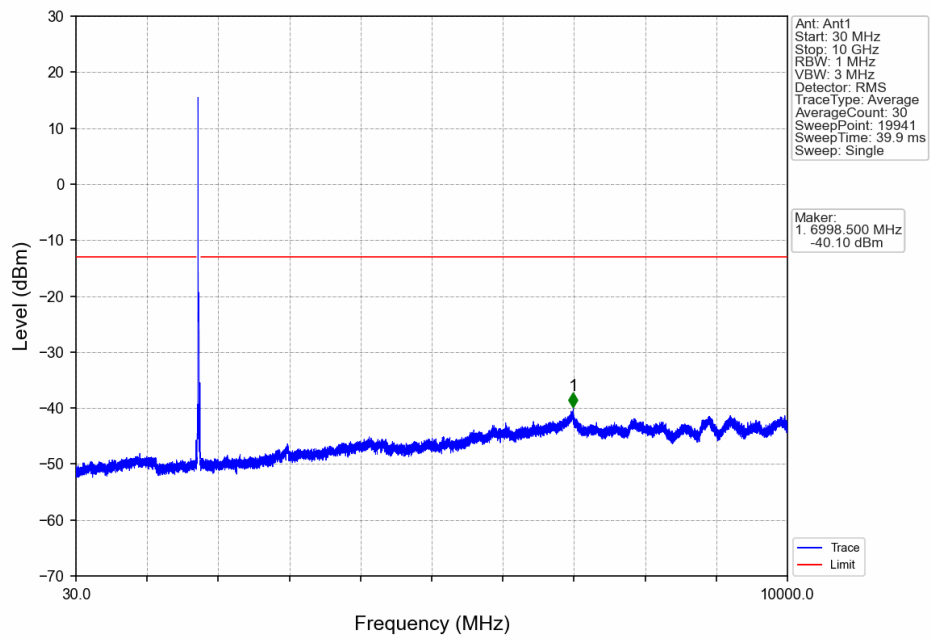


Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

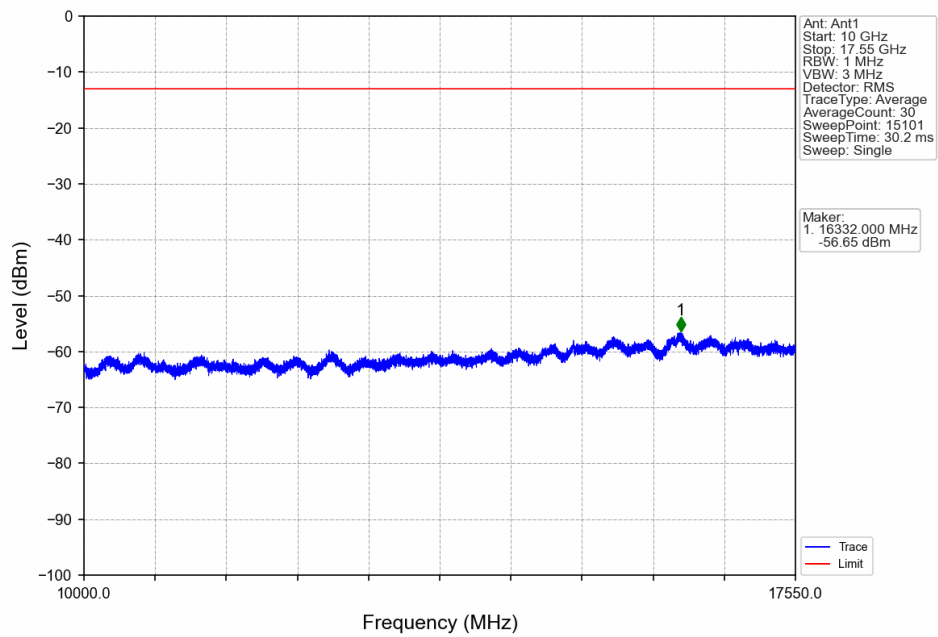




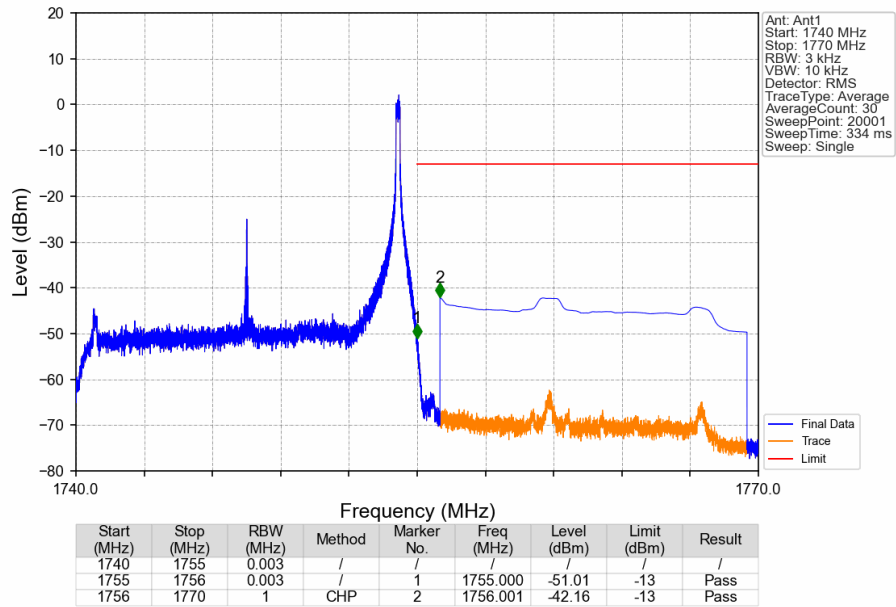
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



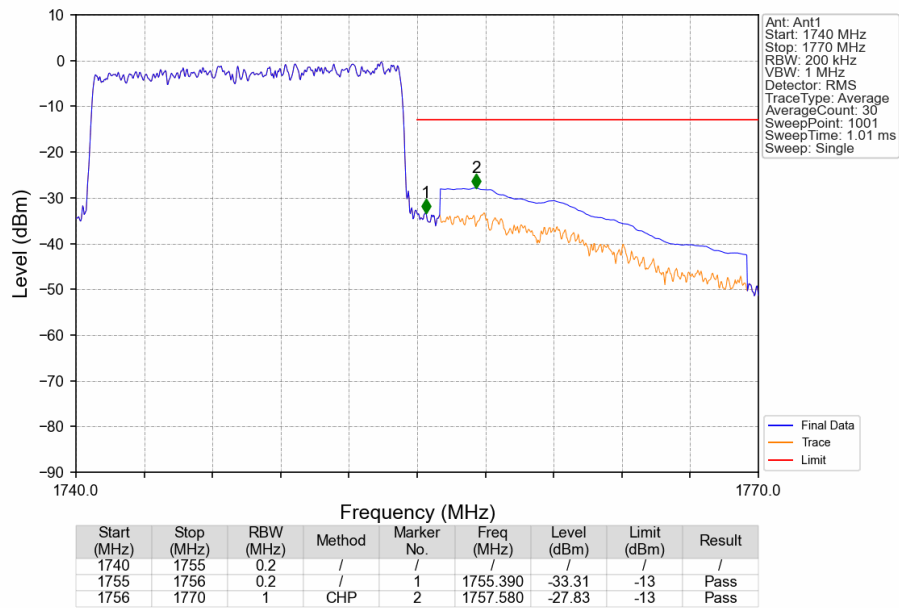
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV





6.6 B4_20MHz

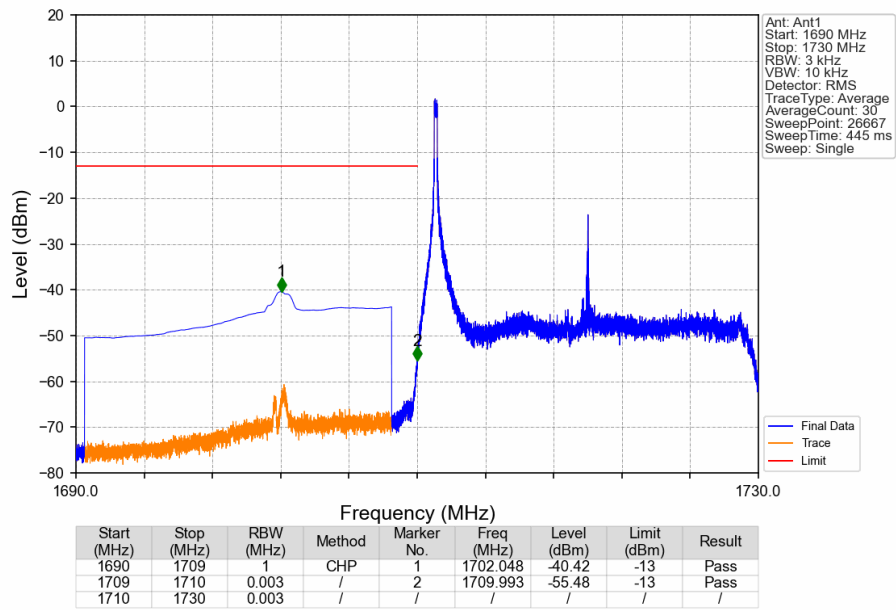
6.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

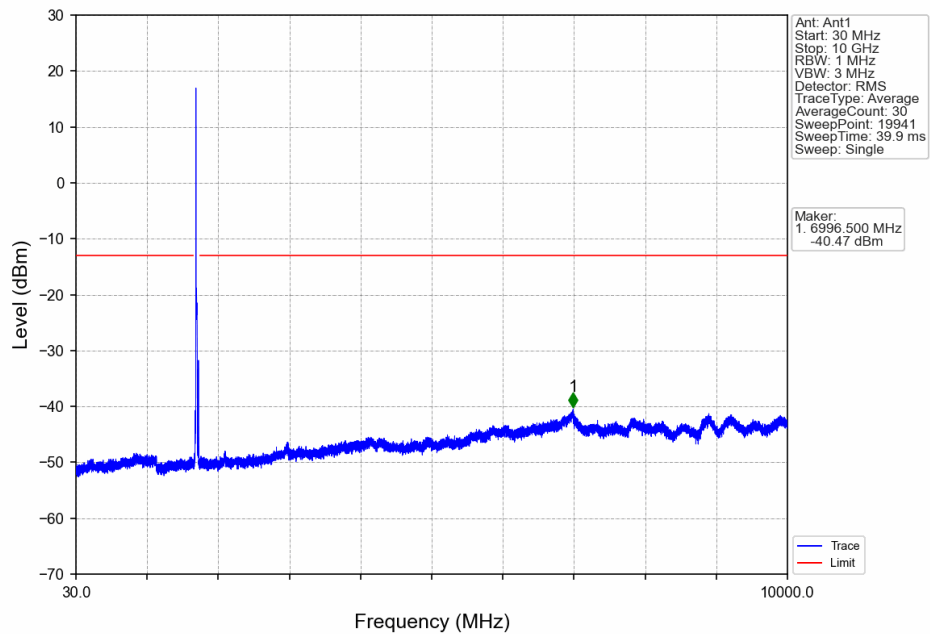


6.6.2 Test Graph

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

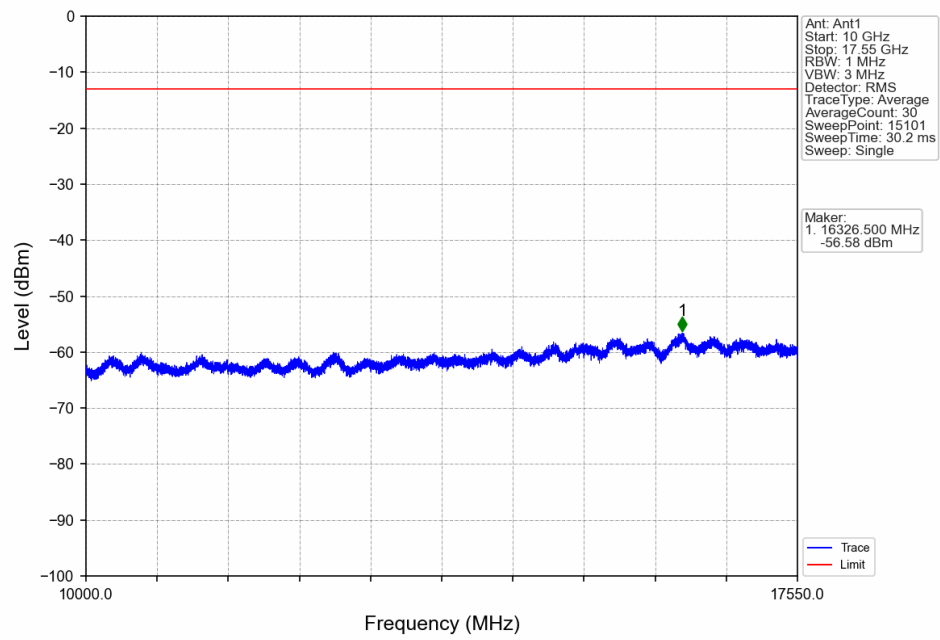


Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

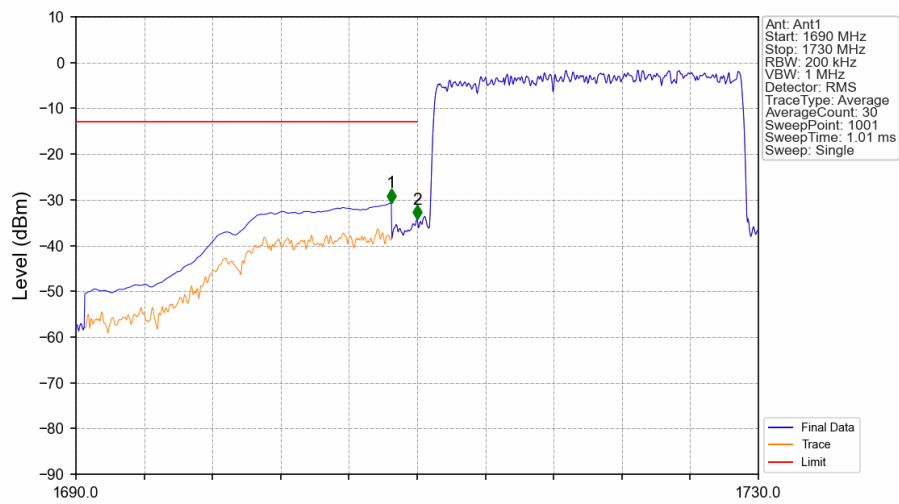




Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



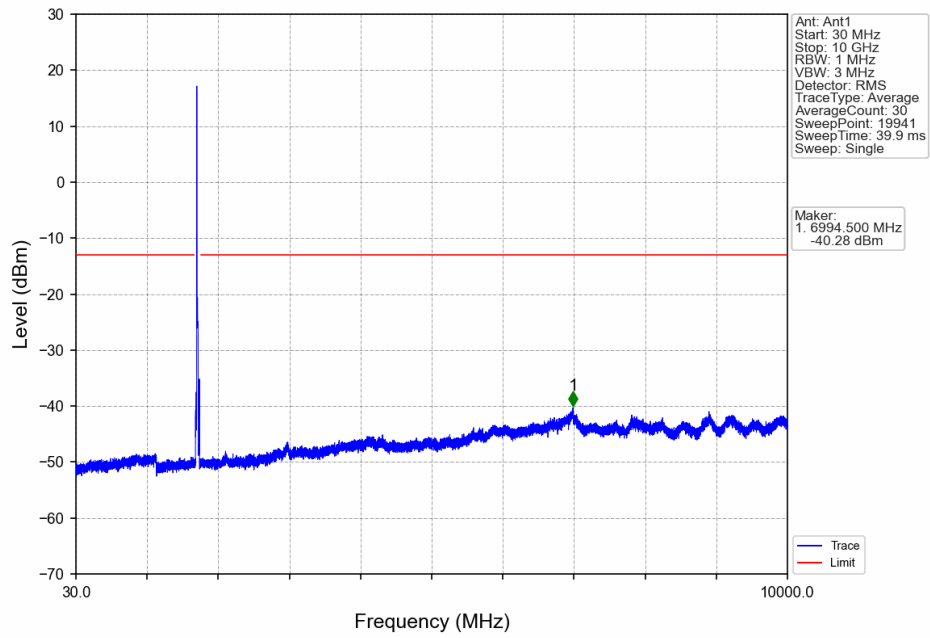
Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



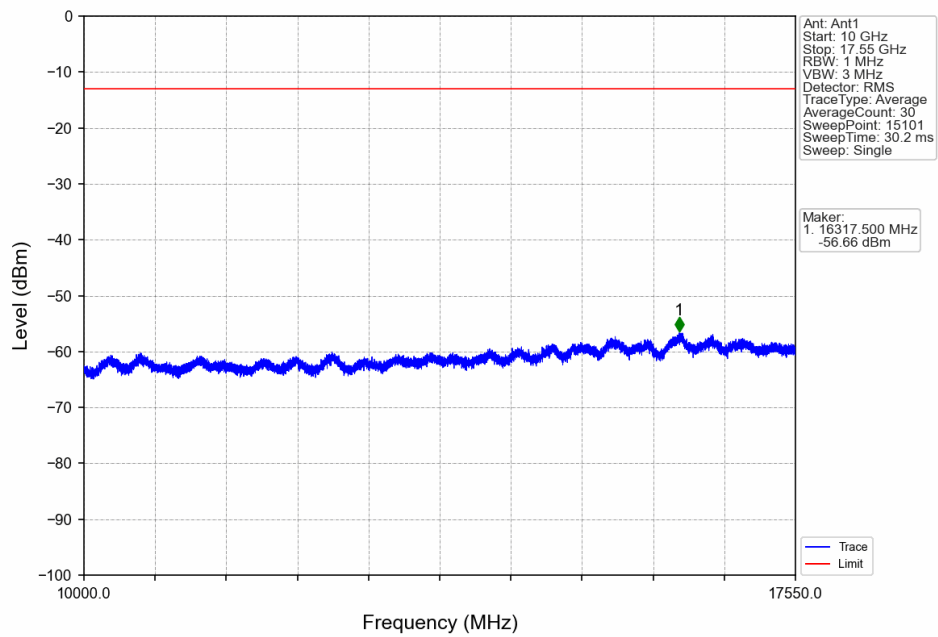
Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-30.66	-13	Pass
1709	1710	0.2	/	2	1710.000	-34.25	-13	Pass
1710	1730	0.2	/	/	/	/	/	/



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

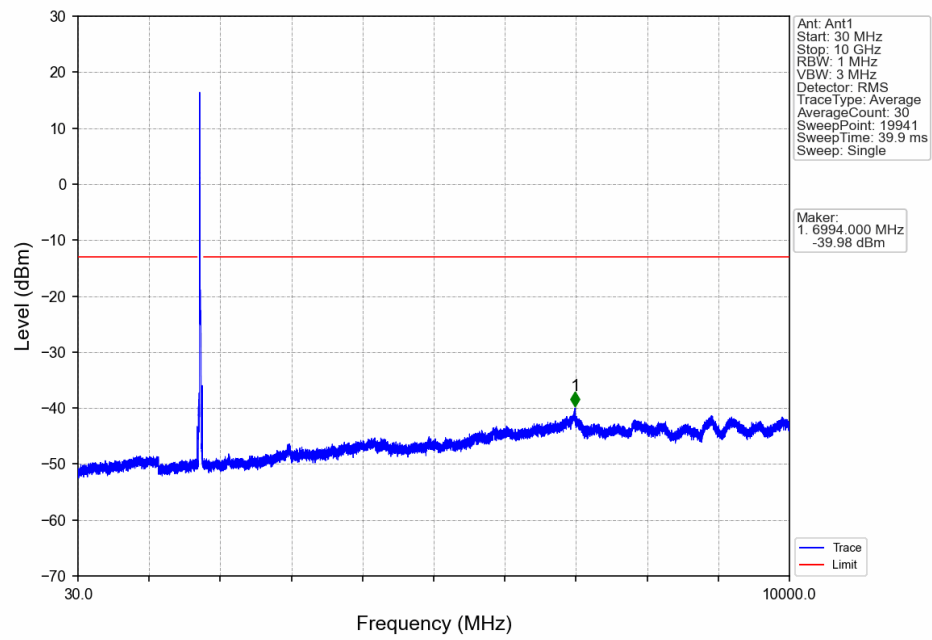


Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV

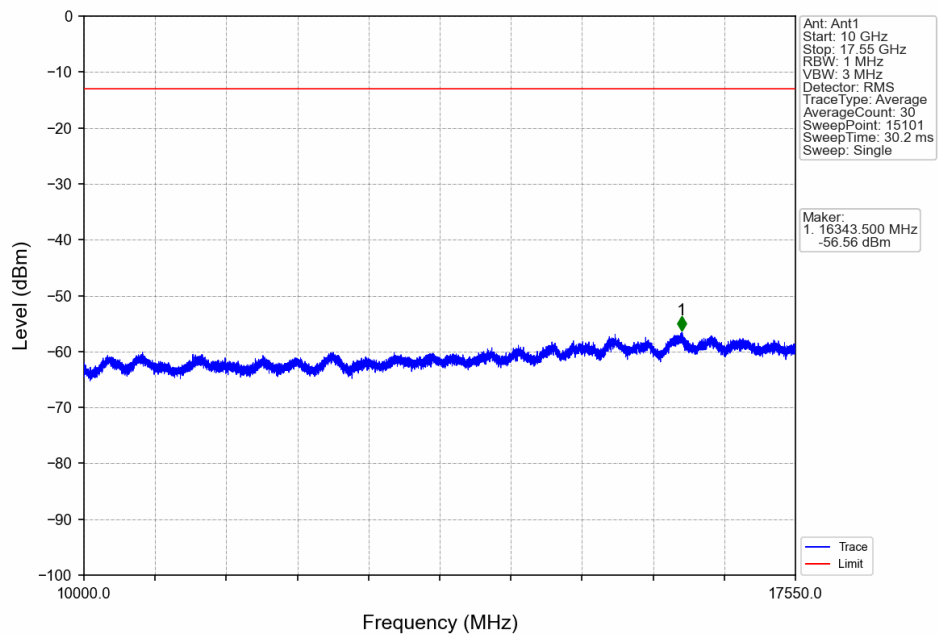




Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

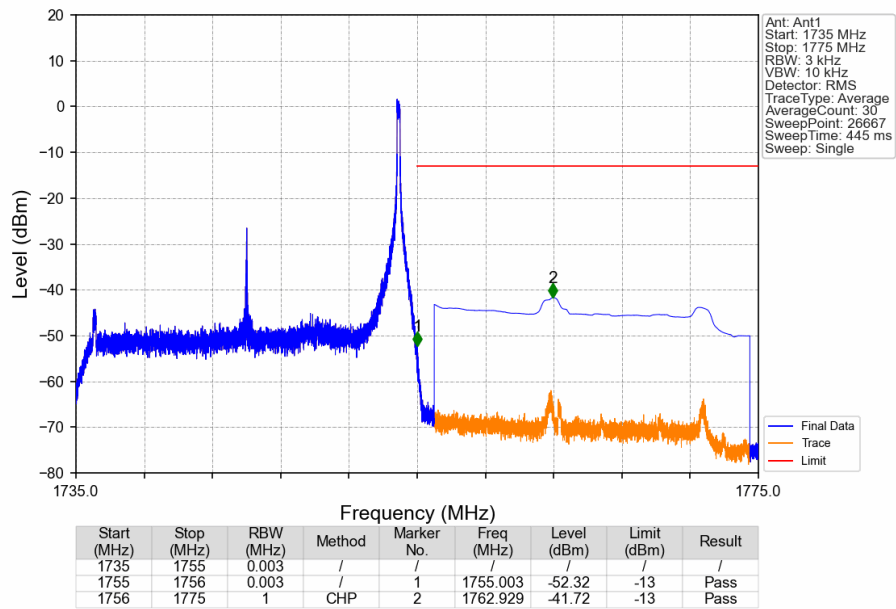


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

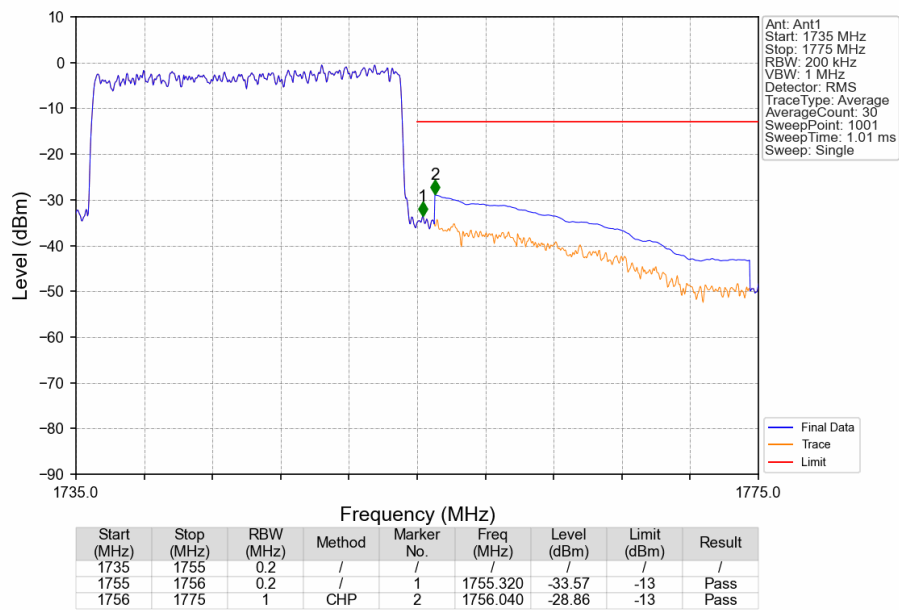




Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV

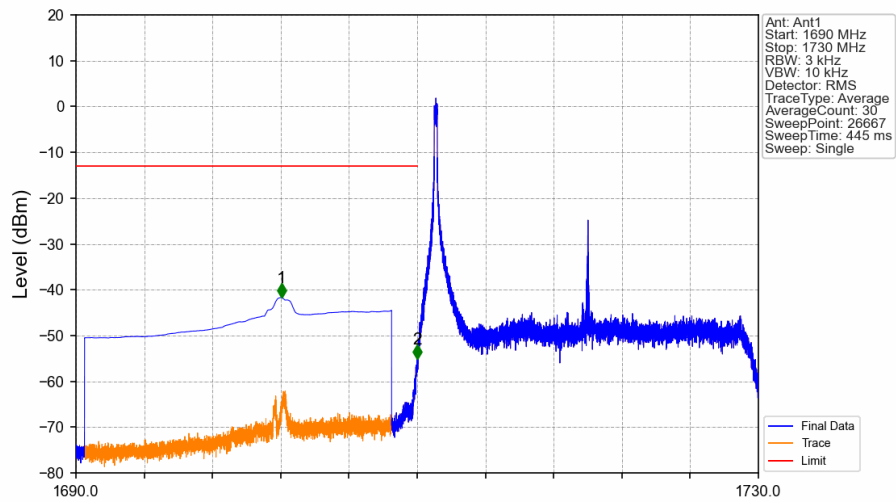


Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



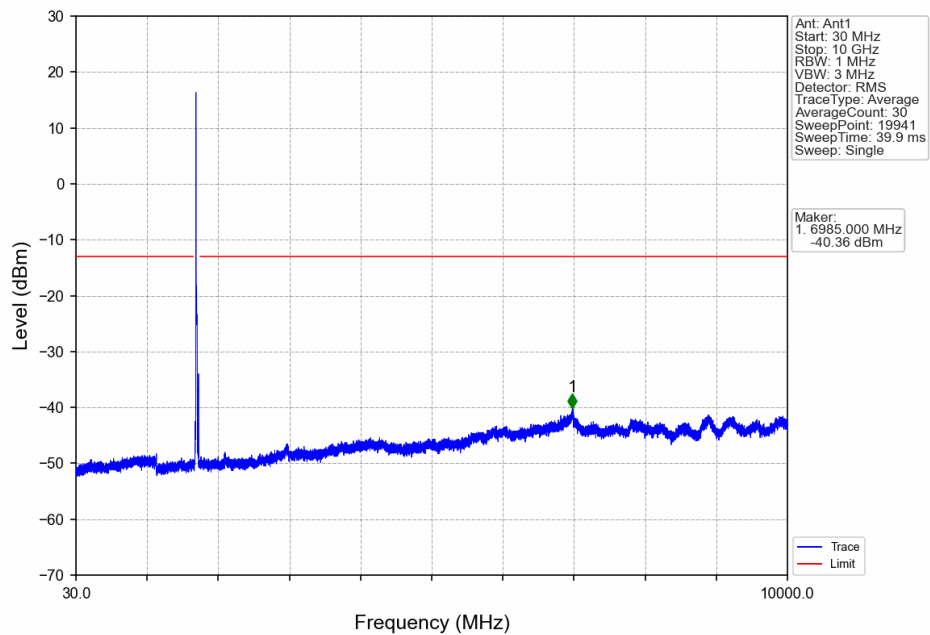


Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



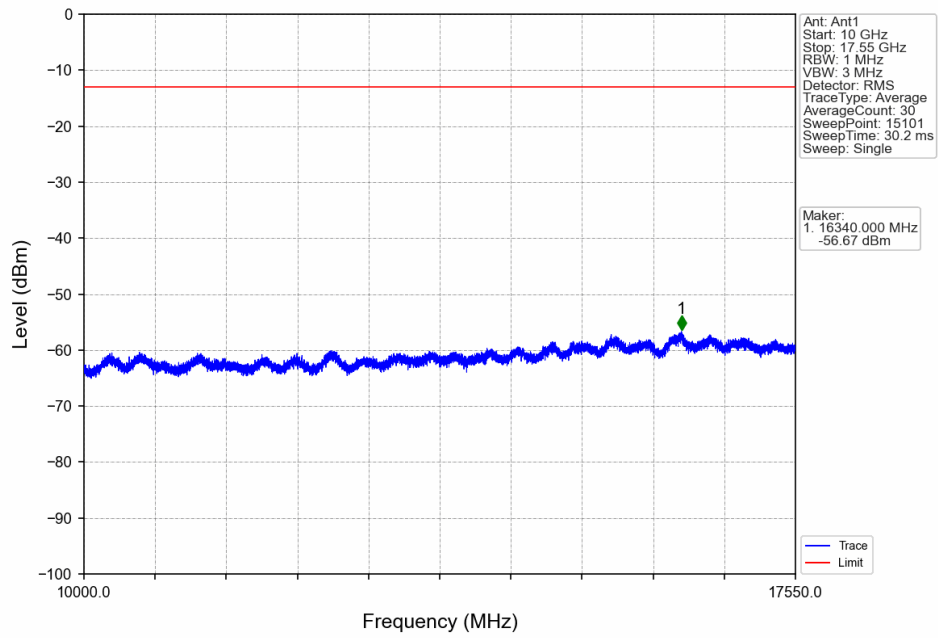
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1702.039	-41.68	-13	Pass
1709	1710	0.003	/	2	1709.993	-55.15	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

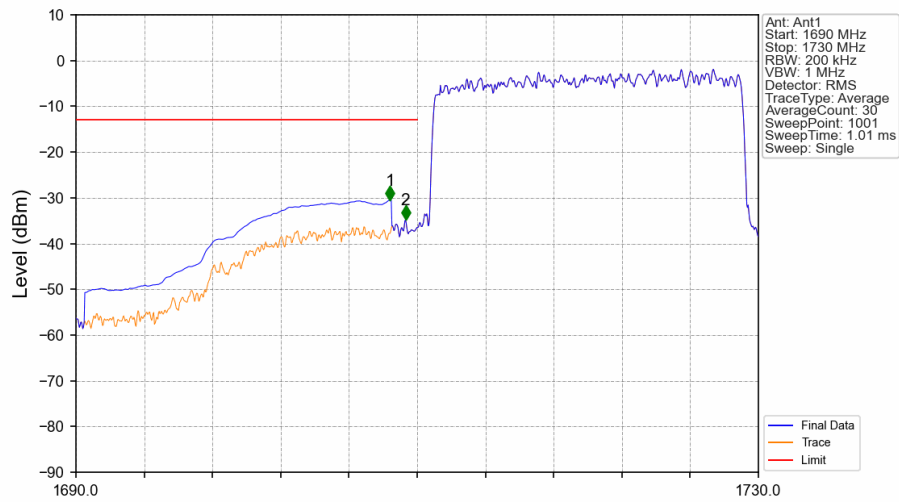




Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



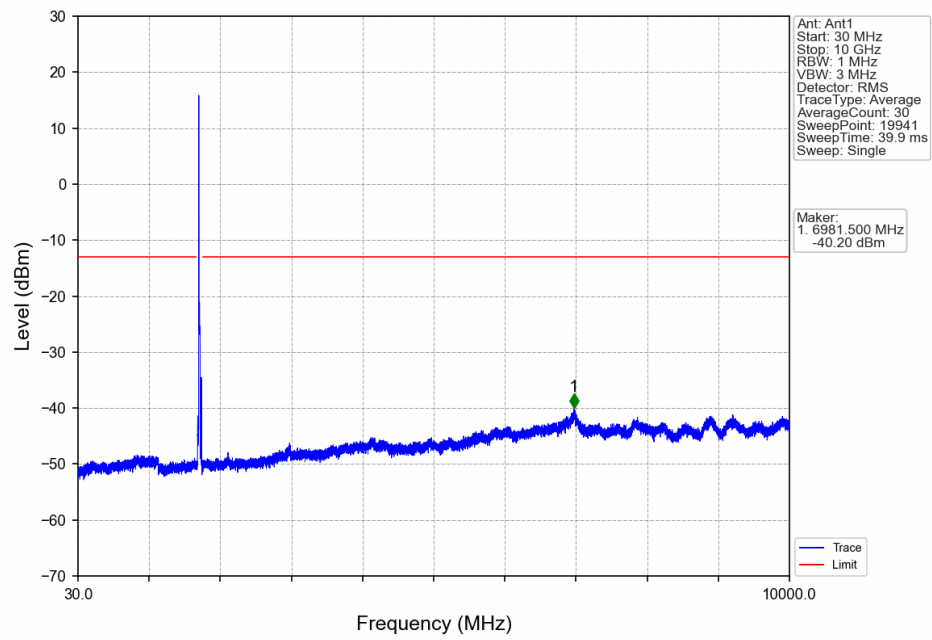
Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



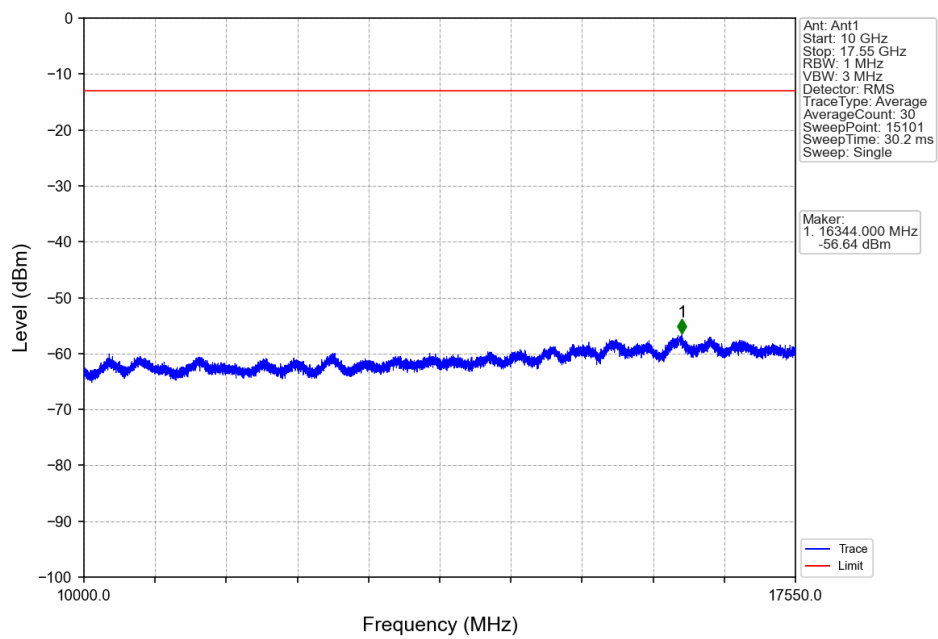
Frequency (MHz)								
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-30.54	-13	Pass
1709	1710	0.2	/	2	1709.320	-34.82	-13	Pass
1710	1730	0.2	/	/	/	/	/	/



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

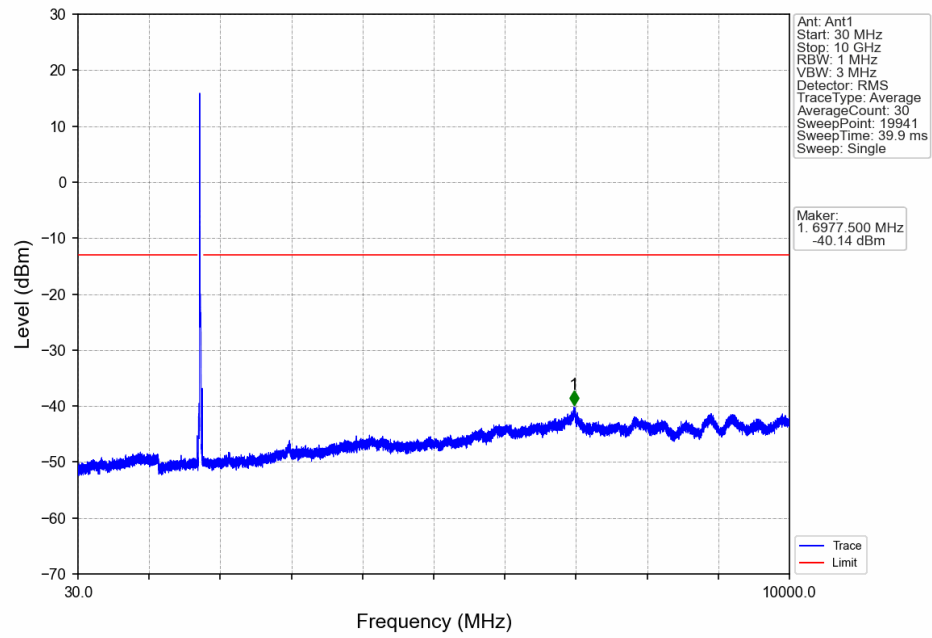


Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV

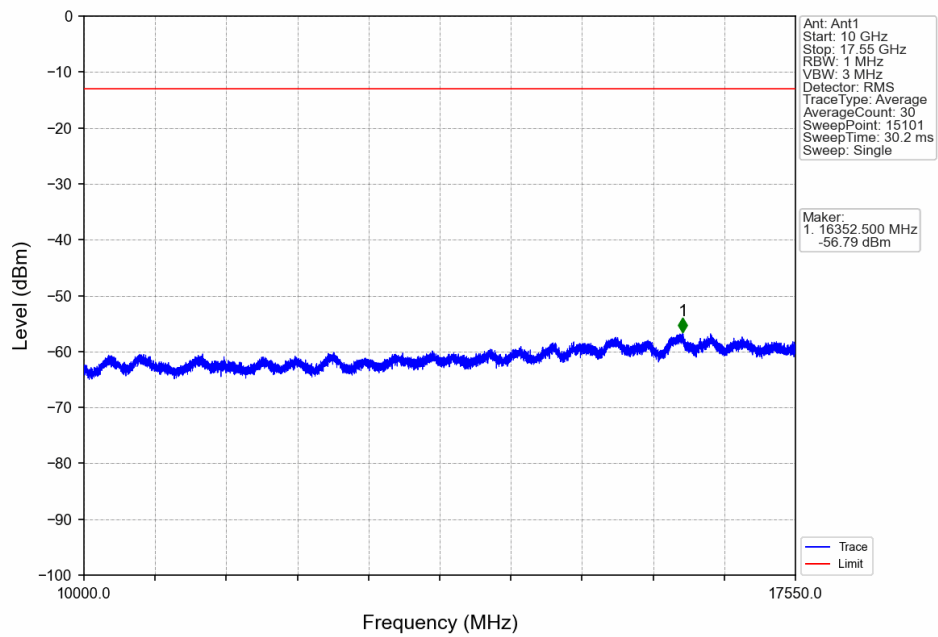




Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV

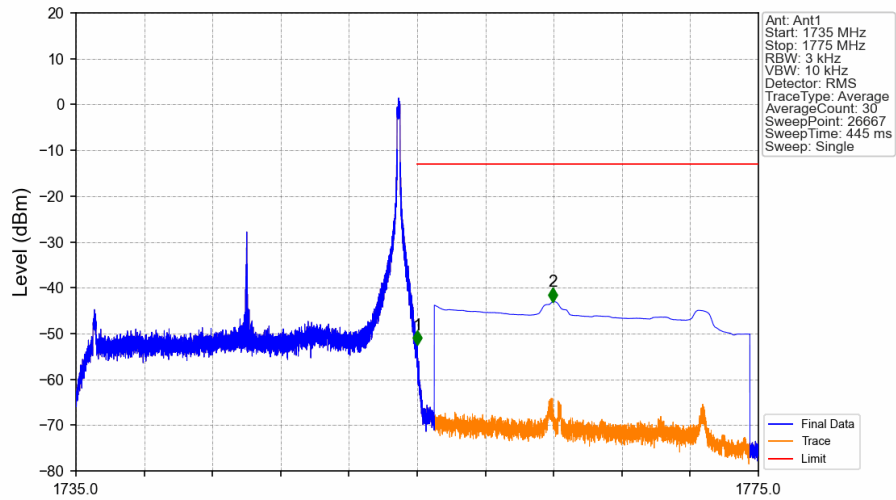


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



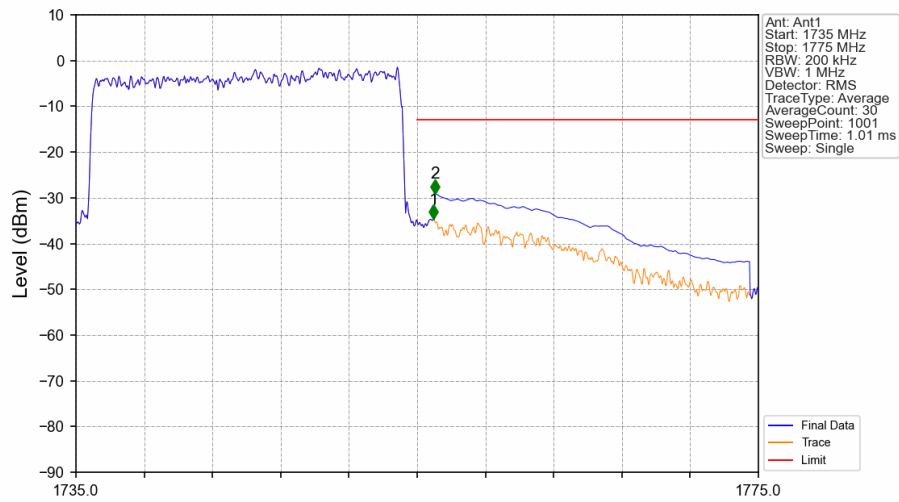


Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	1	1755.006	-52.44	-13	Pass
1756	1775	1	CHP	2	1762.937	-43.05	-13	Pass

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	1	1755.960	-34.67	-13	Pass
1756	1775	1	CHP	2	1756.040	-29.06	-13	Pass



7. Form731

7.1 Form731_Power

7.1.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.2037	0.0105	ppm	1M11G7D	27L	23.09
4	1.4	1710.7	1754.3	0.1538	0.0199	ppm	1M10W7D	27L	21.87
4	3	1711.5	1753.5	0.1799	0.0089	ppm	2M74G7D	27L	22.55
4	3	1711.5	1753.5	0.1596	0.0115	ppm	2M73W7D	27L	22.03
4	5	1712.5	1752.5	0.1892	0.0090	ppm	4M51G7D	27L	22.77
4	5	1712.5	1752.5	0.1618	0.0083	ppm	4M52W7D	27L	22.09
4	10	1715	1750	0.1910	0.0062	ppm	9M02G7D	27L	22.81
4	10	1715	1750	0.1698	0.0043	ppm	9M03W7D	27L	22.30
4	15	1717.5	1747.5	0.1897	0.0036	ppm	13M5G7D	27L	22.78
4	15	1717.5	1747.5	0.1758	0.0044	ppm	13M5W7D	27L	22.45
4	20	1720	1745	0.2042	0.0031	ppm	18M1G7D	27L	23.10
4	20	1720	1745	0.1803	0.0044	ppm	18M1W7D	27L	22.56

7.2 Form731_EIRP

7.2.1 Test Result

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.4150	0.0105	ppm	1M11G7D	27L	26.18
4	1.4	1710.7	1754.3	0.3133	0.0199	ppm	1M10W7D	27L	24.96
4	3	1711.5	1753.5	0.3664	0.0089	ppm	2M74G7D	27L	25.64
4	3	1711.5	1753.5	0.3251	0.0115	ppm	2M73W7D	27L	25.12
4	5	1712.5	1752.5	0.3855	0.0090	ppm	4M51G7D	27L	25.86
4	5	1712.5	1752.5	0.3296	0.0083	ppm	4M52W7D	27L	25.18
4	10	1715	1750	0.3890	0.0062	ppm	9M02G7D	27L	25.90
4	10	1715	1750	0.3459	0.0043	ppm	9M03W7D	27L	25.39
4	15	1717.5	1747.5	0.3864	0.0036	ppm	13M5G7D	27L	25.87
4	15	1717.5	1747.5	0.3581	0.0044	ppm	13M5W7D	27L	25.54
4	20	1720	1745	0.4159	0.0031	ppm	18M1G7D	27L	26.19
4	20	1720	1745	0.3673	0.0044	ppm	18M1W7D	27L	25.65