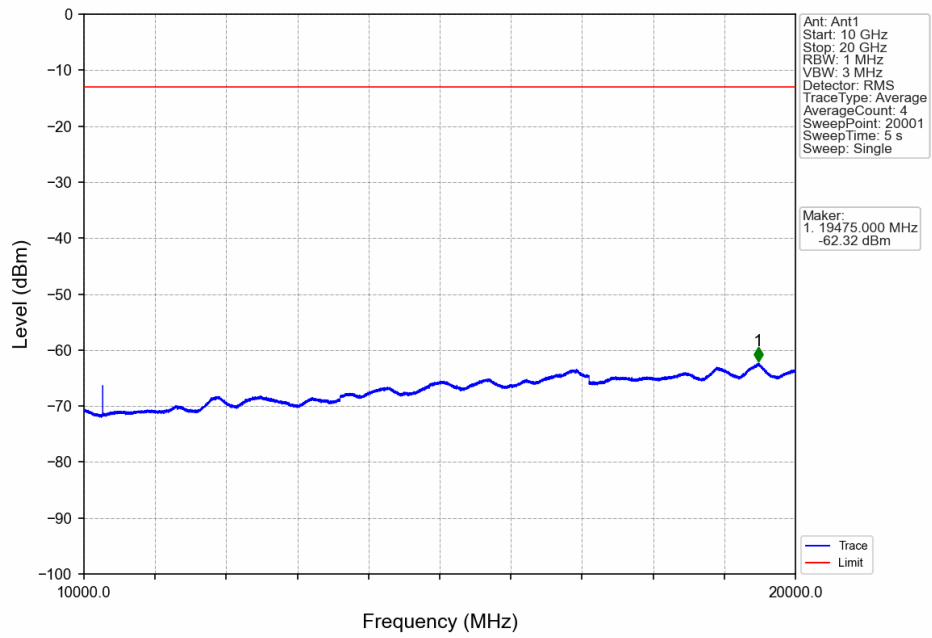
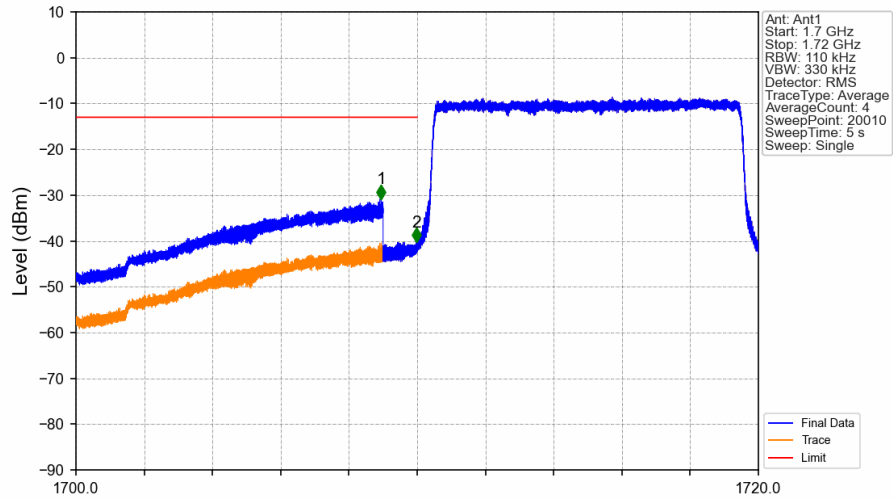


Band4 10MHz 16QAM LCH 1715MHz RB 1 0 NTNV

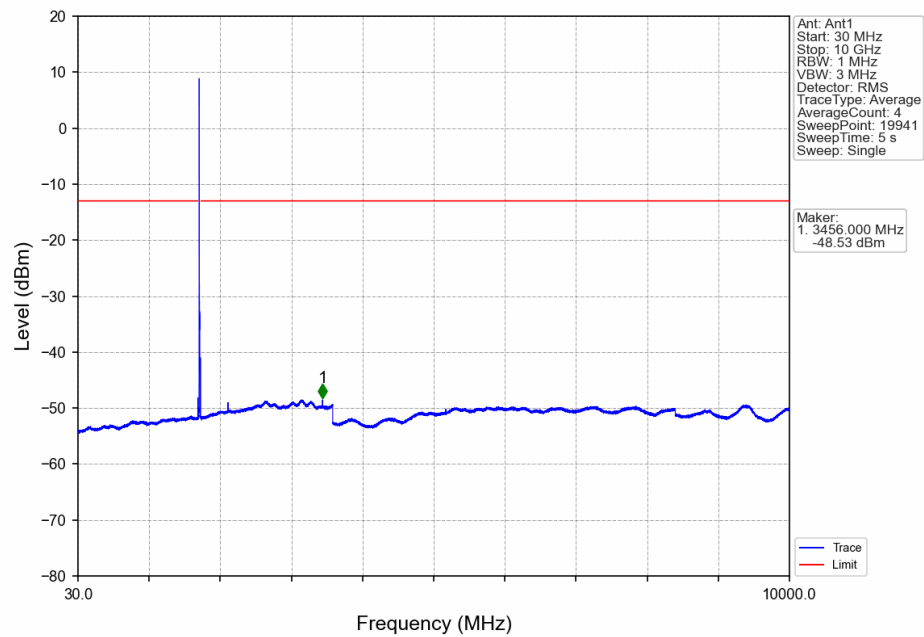


Band4 10MHz 16QAM LCH 1715MHz RB 50 0 NTNV

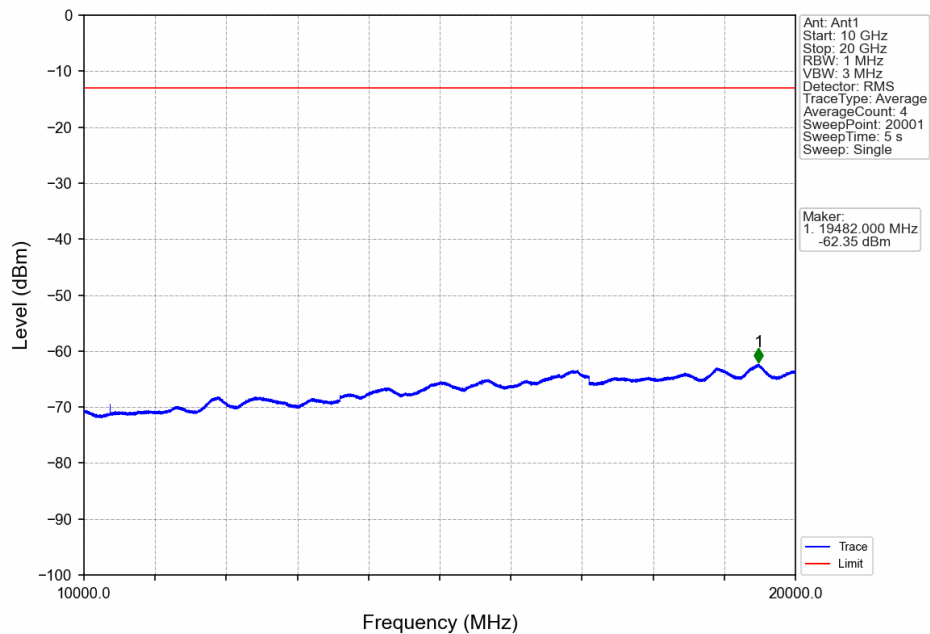


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	9.59	1	1708.944	-30.83	-13	Pass
1709	1710	0.11	0	2	1709.976	-40.24	-13	Pass
1710	1720	0.11	0	/	/	/	/	/

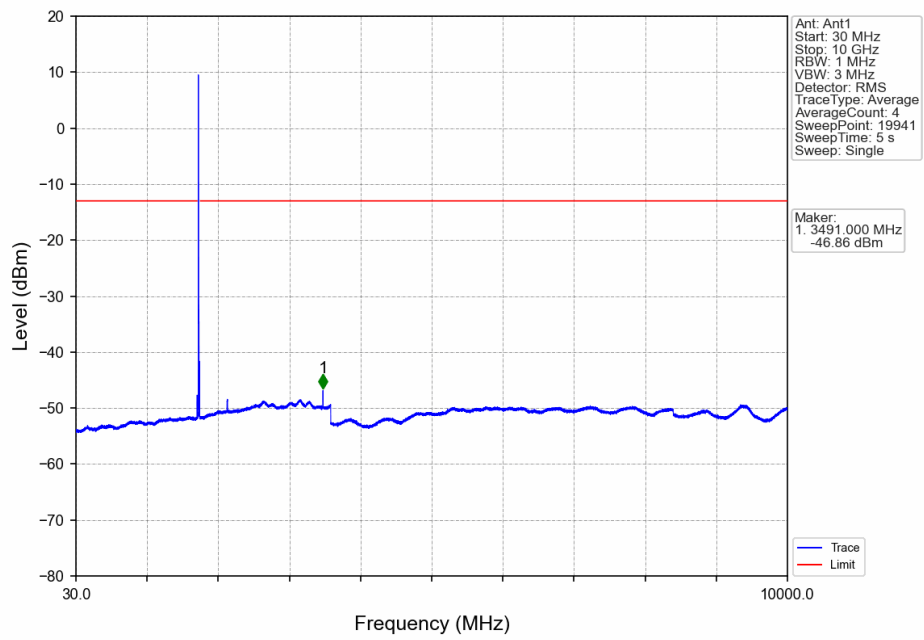
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



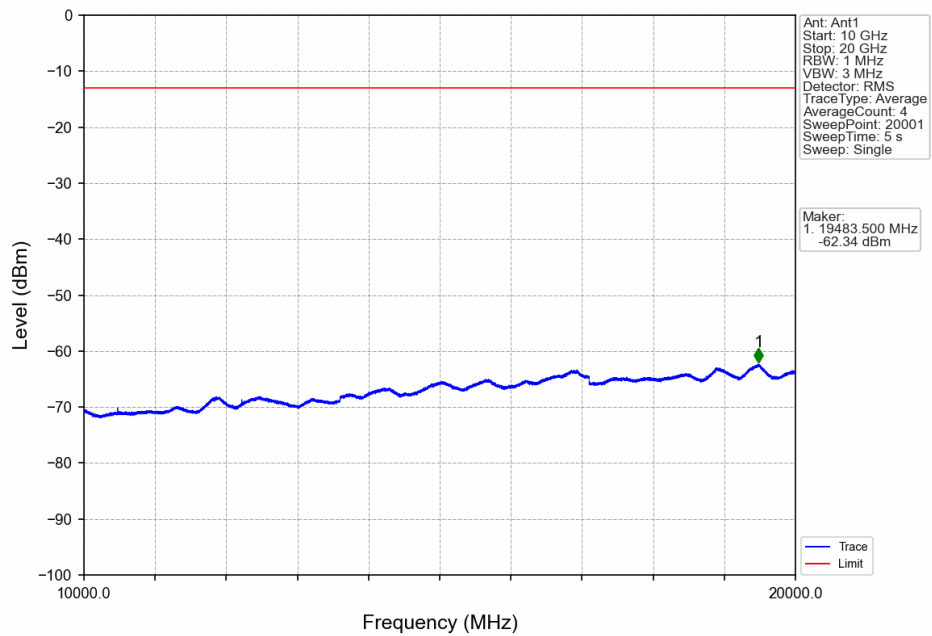
Band4 10MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



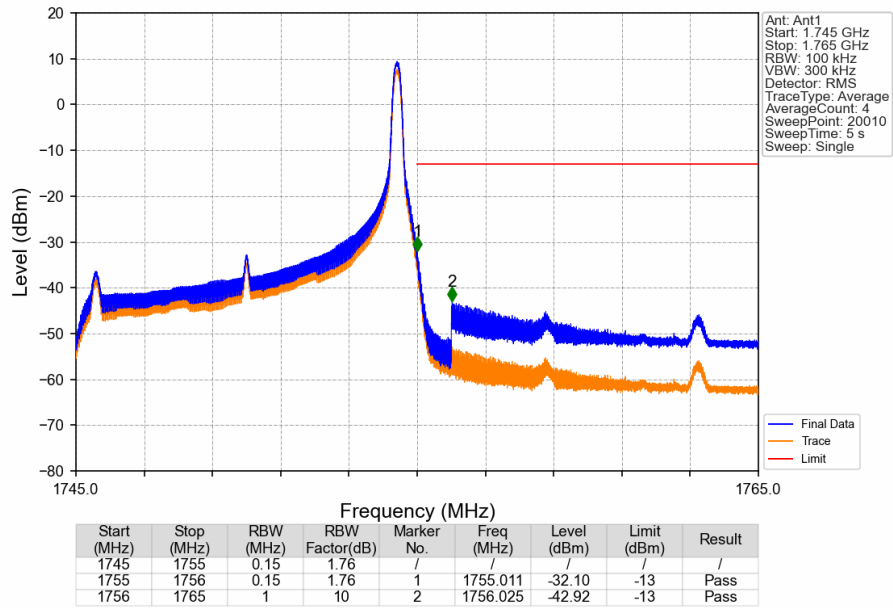
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



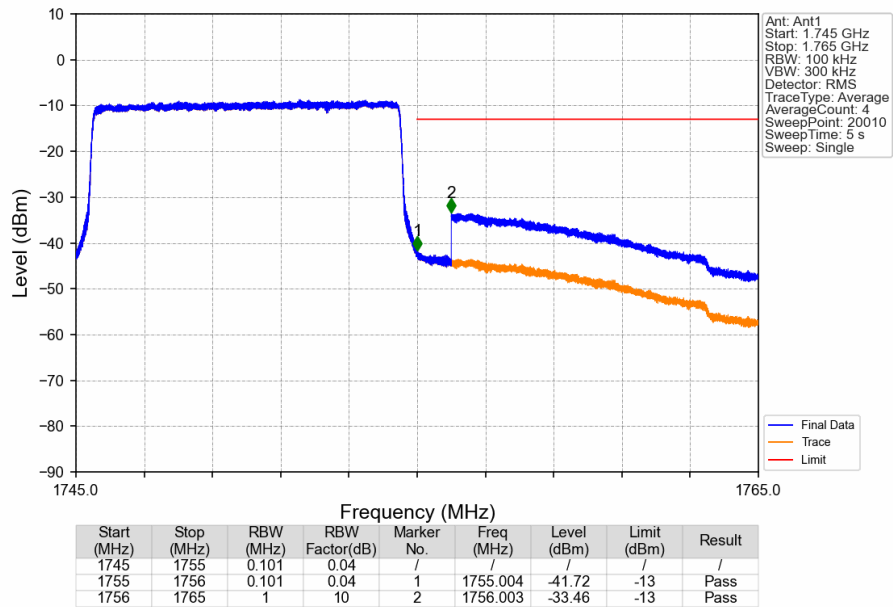
Band4 10MHz 16QAM HCH 1750MHz RB 1 0 NTNV



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



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

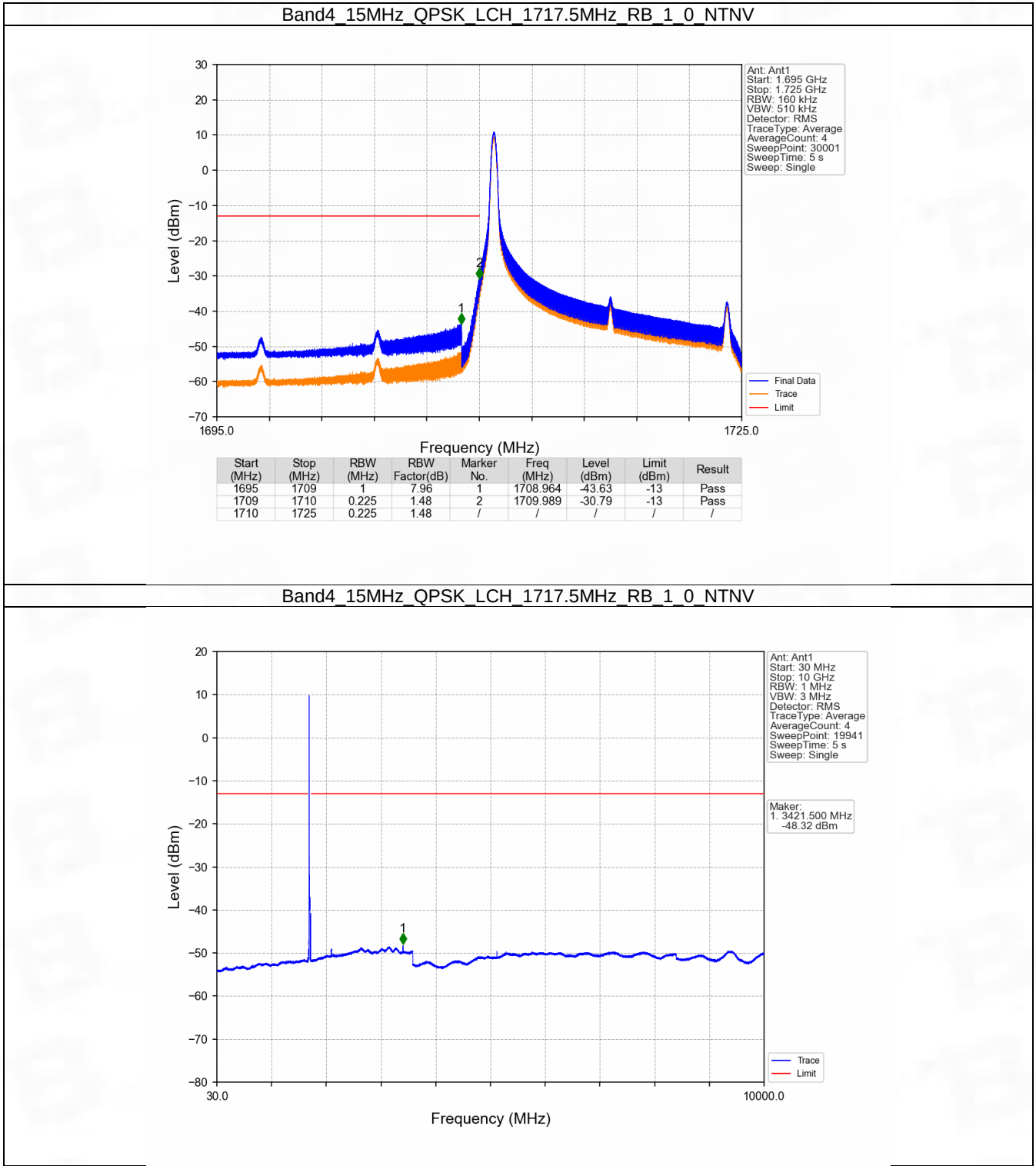


6.5 B4_15MHz

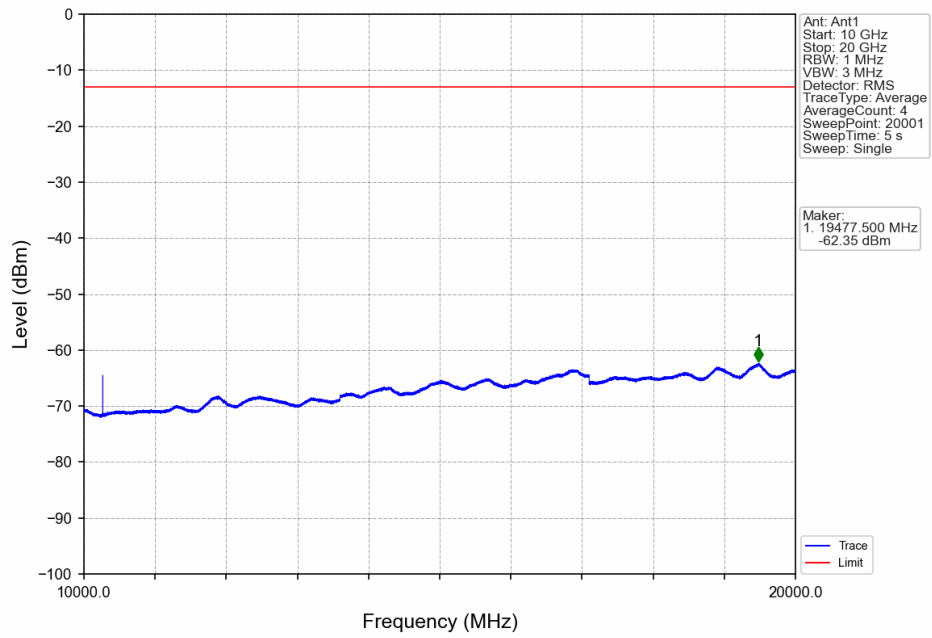
6.5.1 Test Result

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

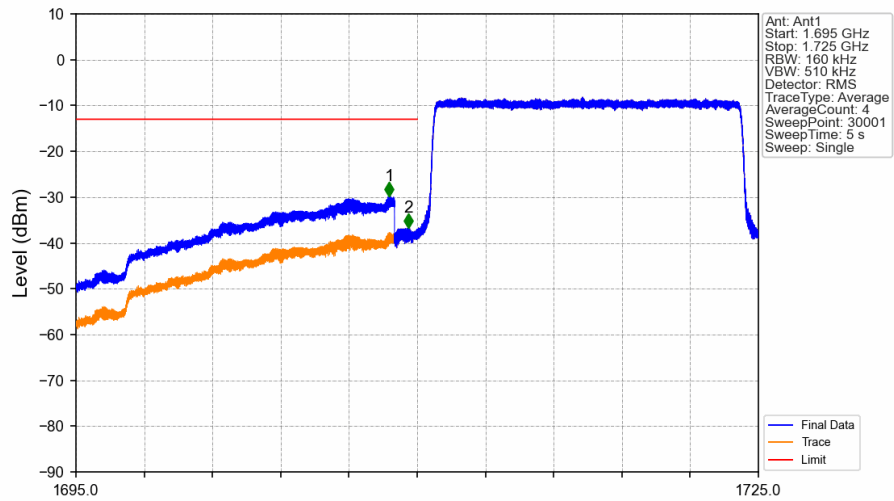
6.5.2 Test Graph



Band4 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

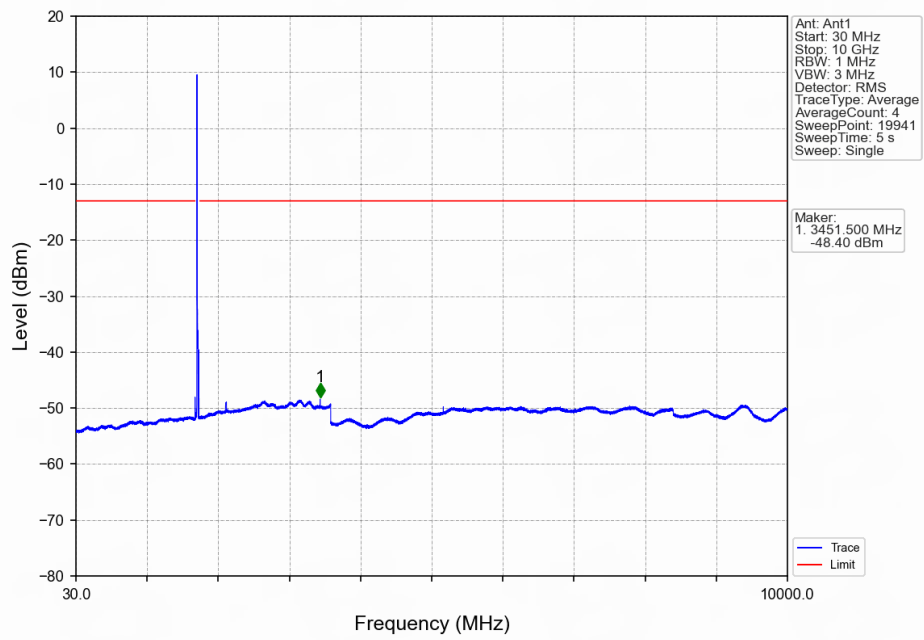


Band4 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

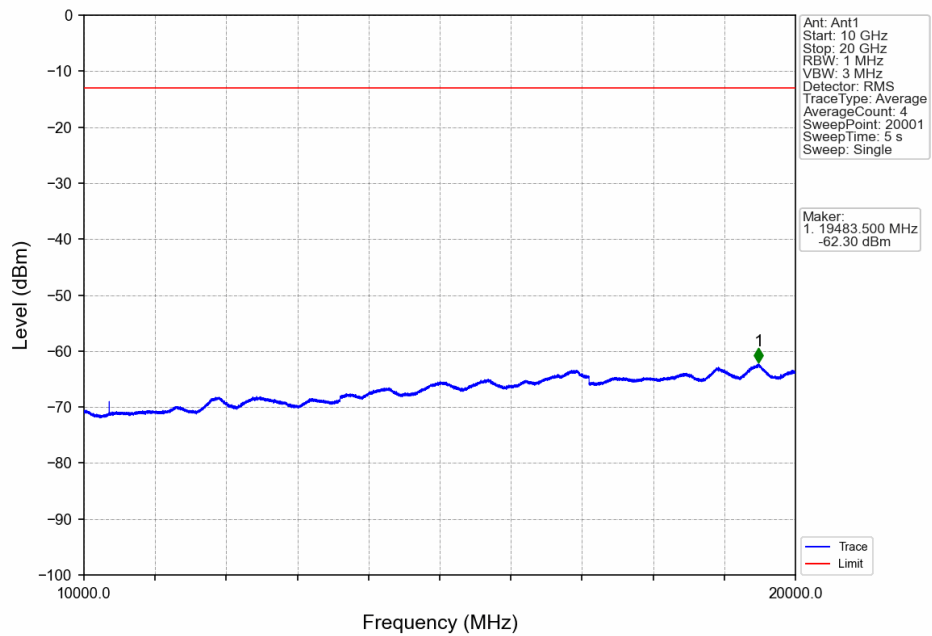


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	7.96	1	1708.767	-29.76	-13	Pass
1709	1710	0.16	0	2	1709.613	-36.67	-13	Pass
1710	1725	0.16	0	/	/	/	/	/

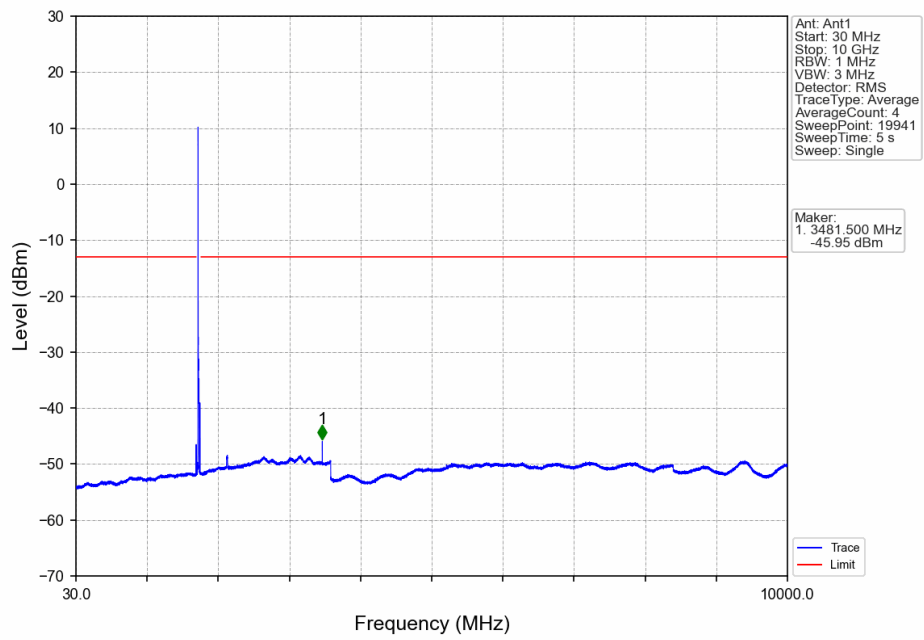
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



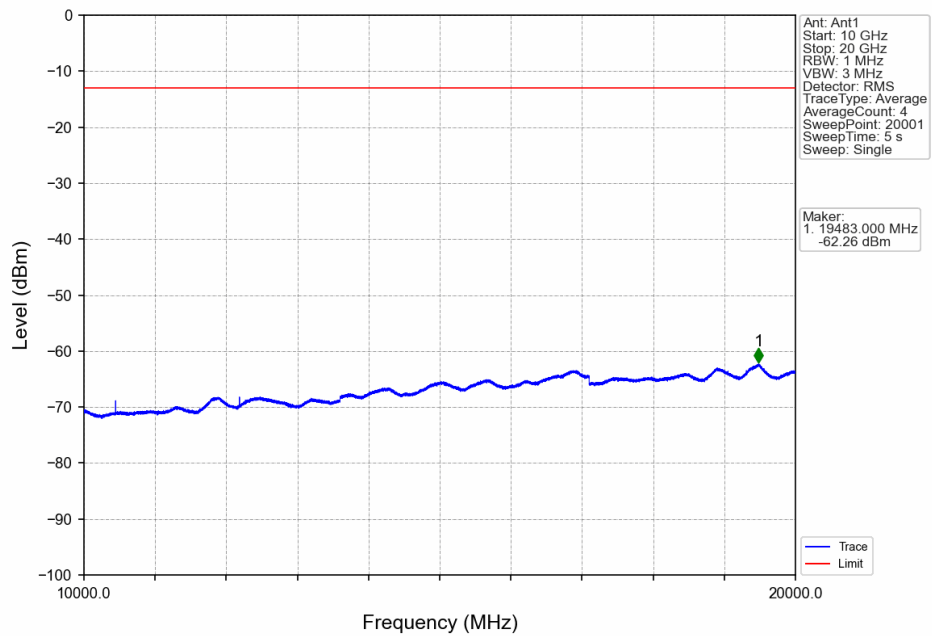
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



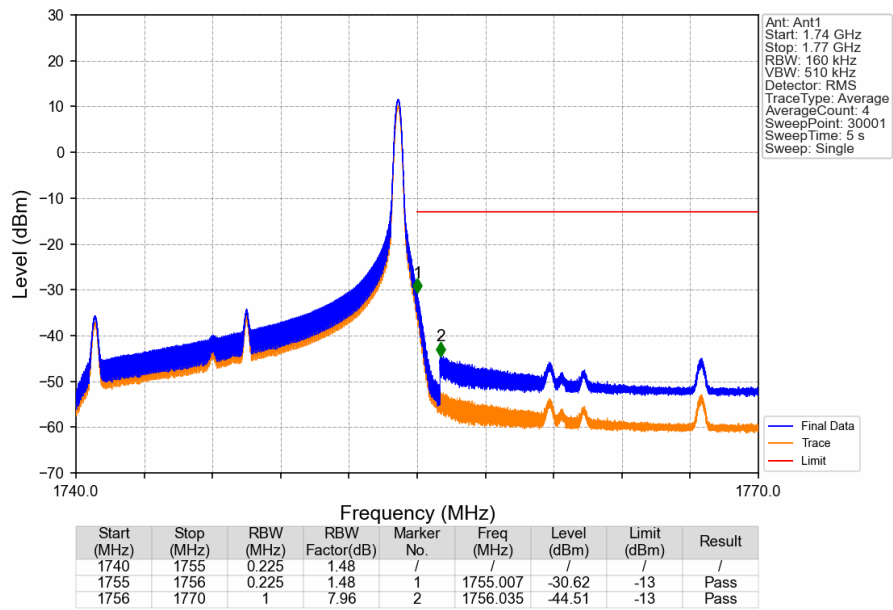
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



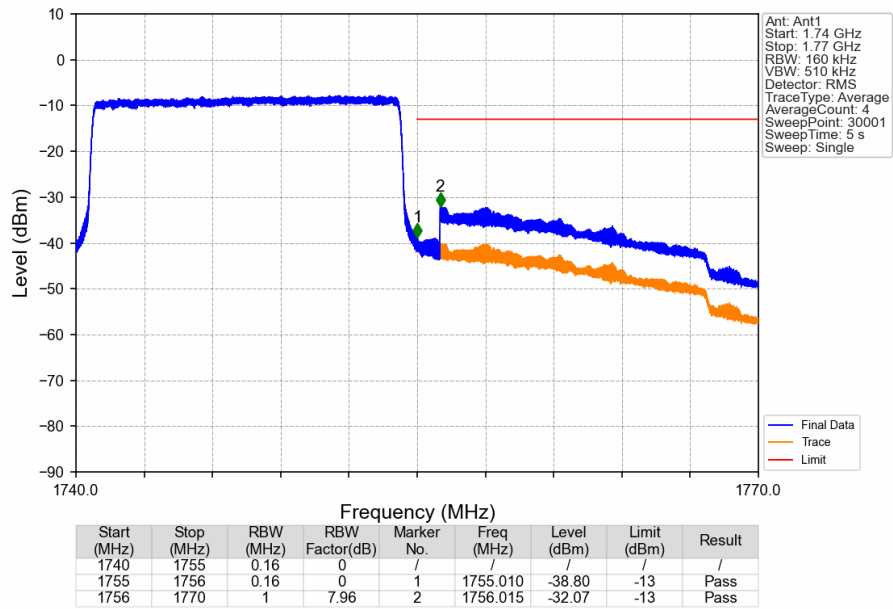
Band4 15MHz QPSK HCH 1747.5MHz RB 1 0 NTNV



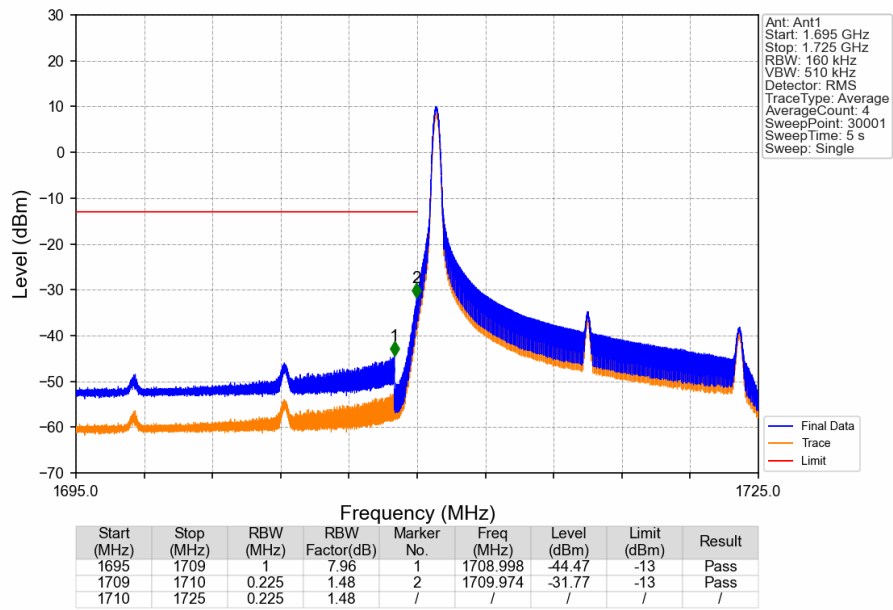
Band4_15MHz QPSK HCH 1747.5MHz RB 1 74 NTV



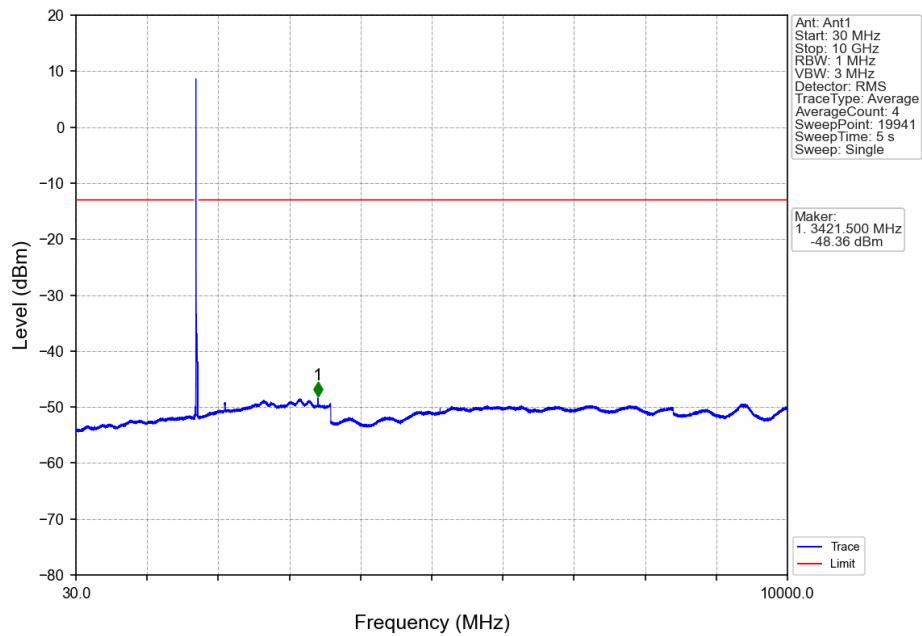
Band4_15MHz QPSK HCH 1747.5MHz RB 75 0 NTV



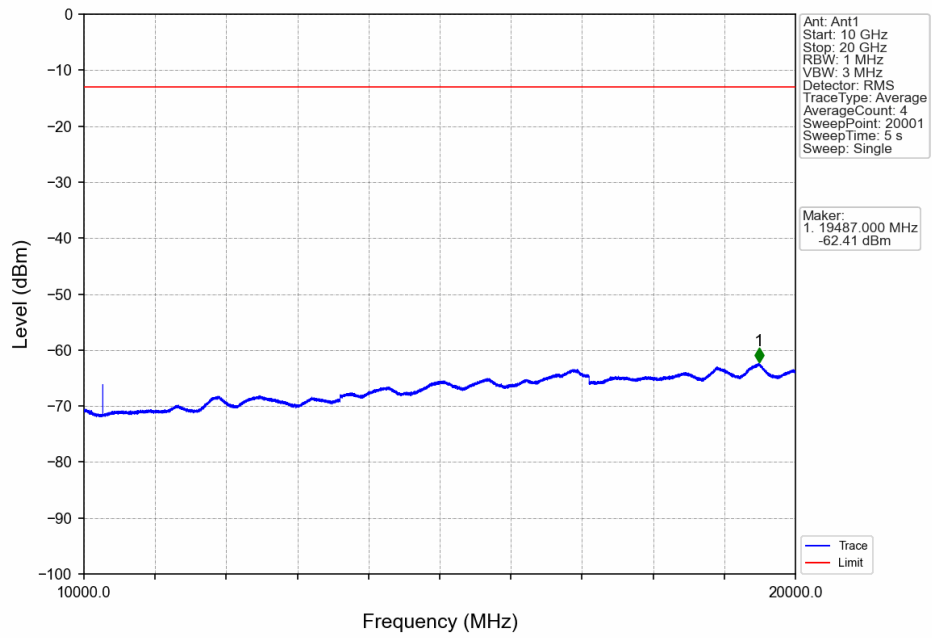
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



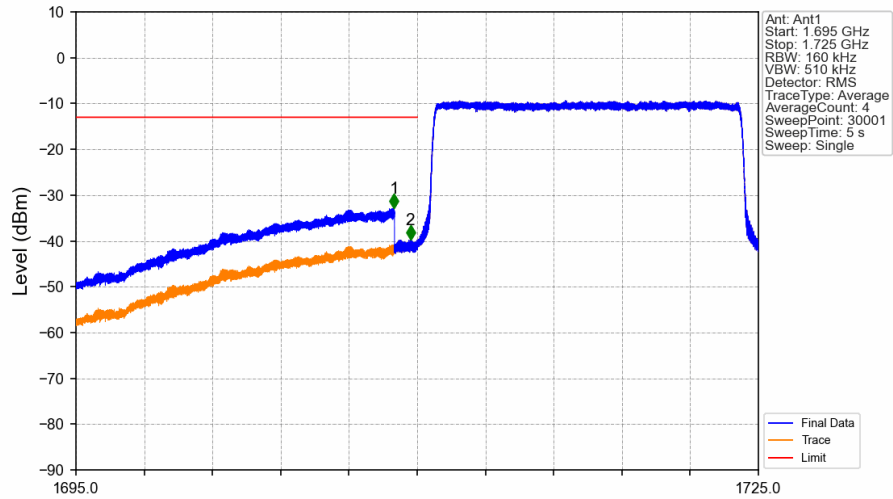
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

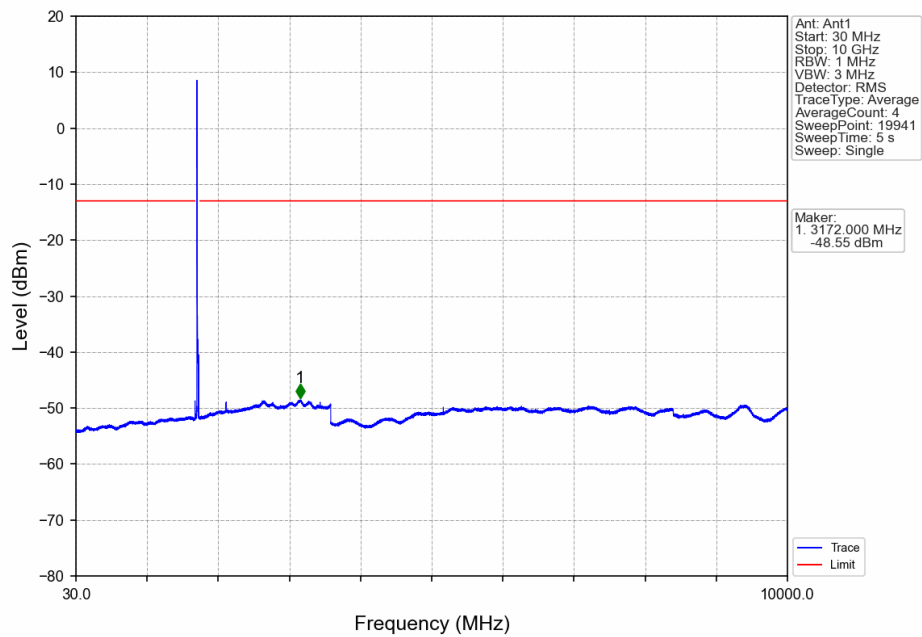


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

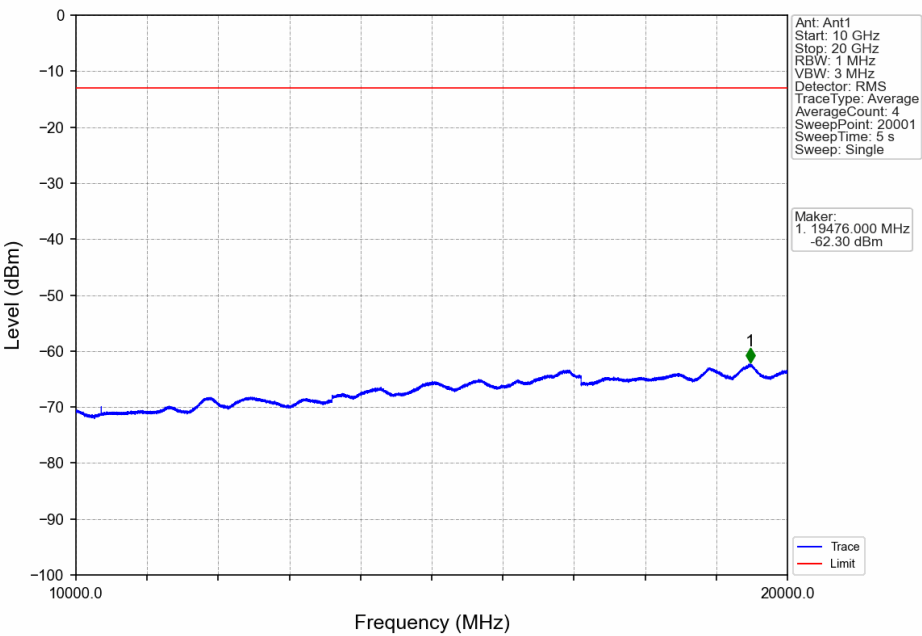


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	7.96	1	1708.977	-32.91	-13	Pass
1709	1710	0.16	0	2	1709.700	-39.77	-13	Pass
1710	1725	0.16	0	/	/	/	/	/

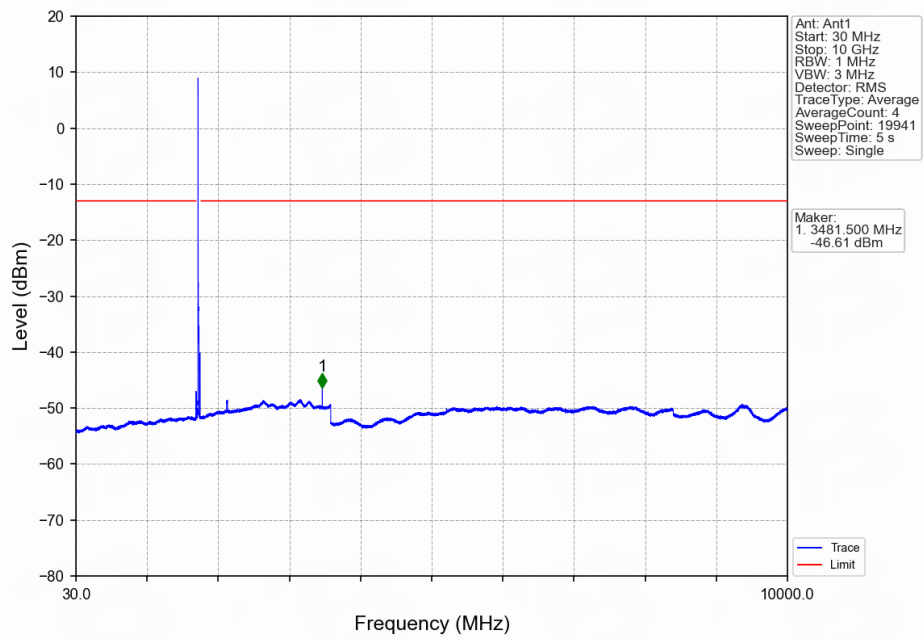
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



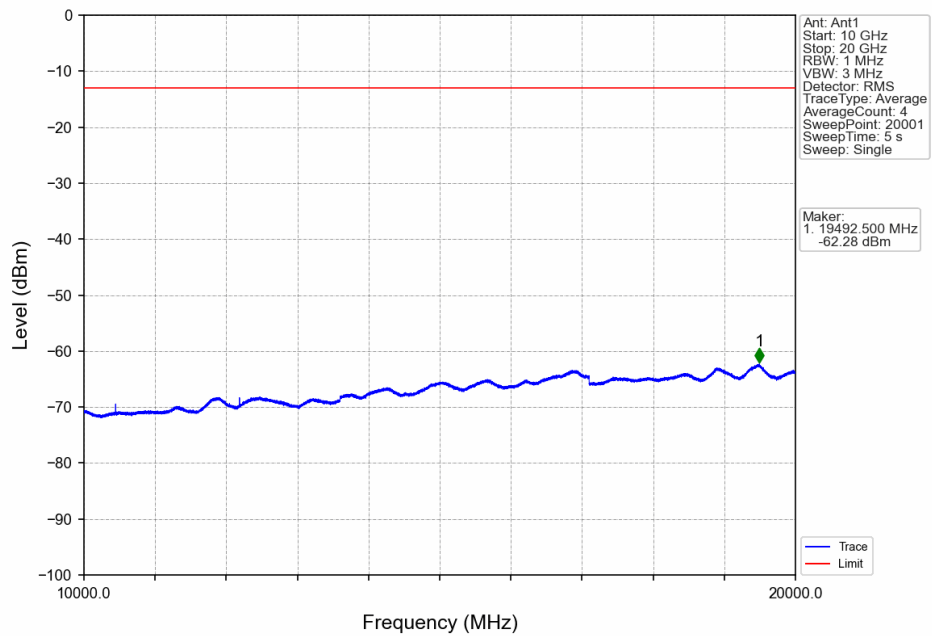
Band4 15MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



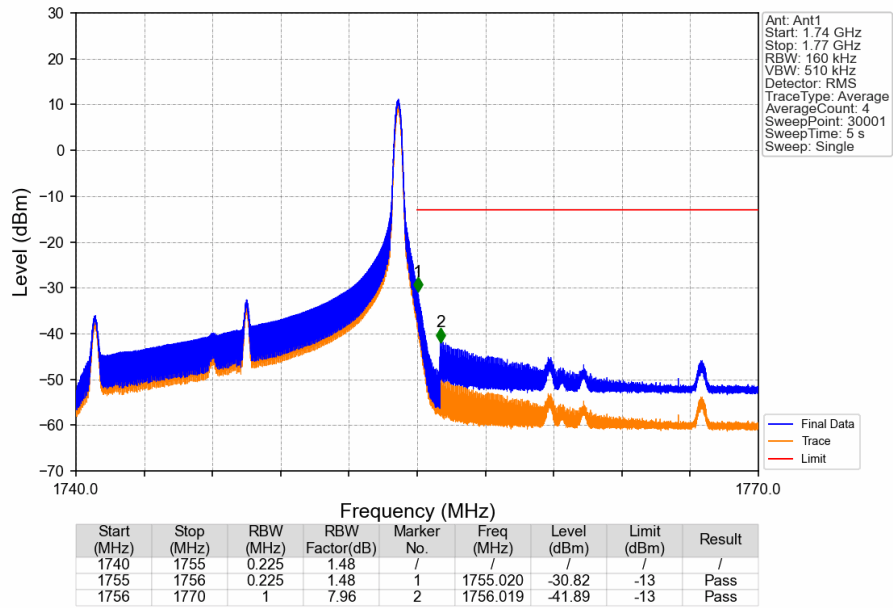
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



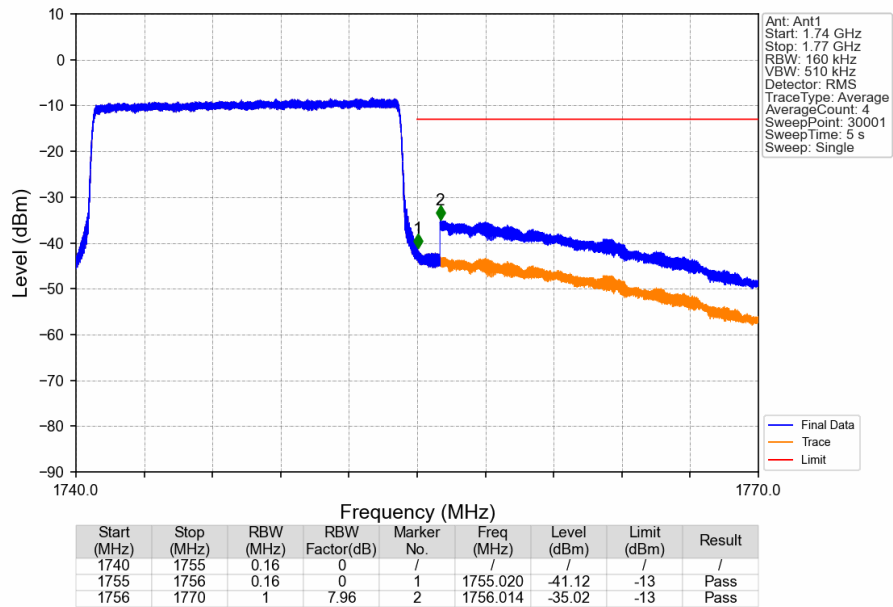
Band4 15MHz 16QAM HCH 1747.5MHz RB 1 0 NTNV



Band4 15MHz 16QAM HCH 1747.5MHz RB 1 74 NTN



Band4 15MHz 16QAM HCH 1747.5MHz RB 75 0 NTN

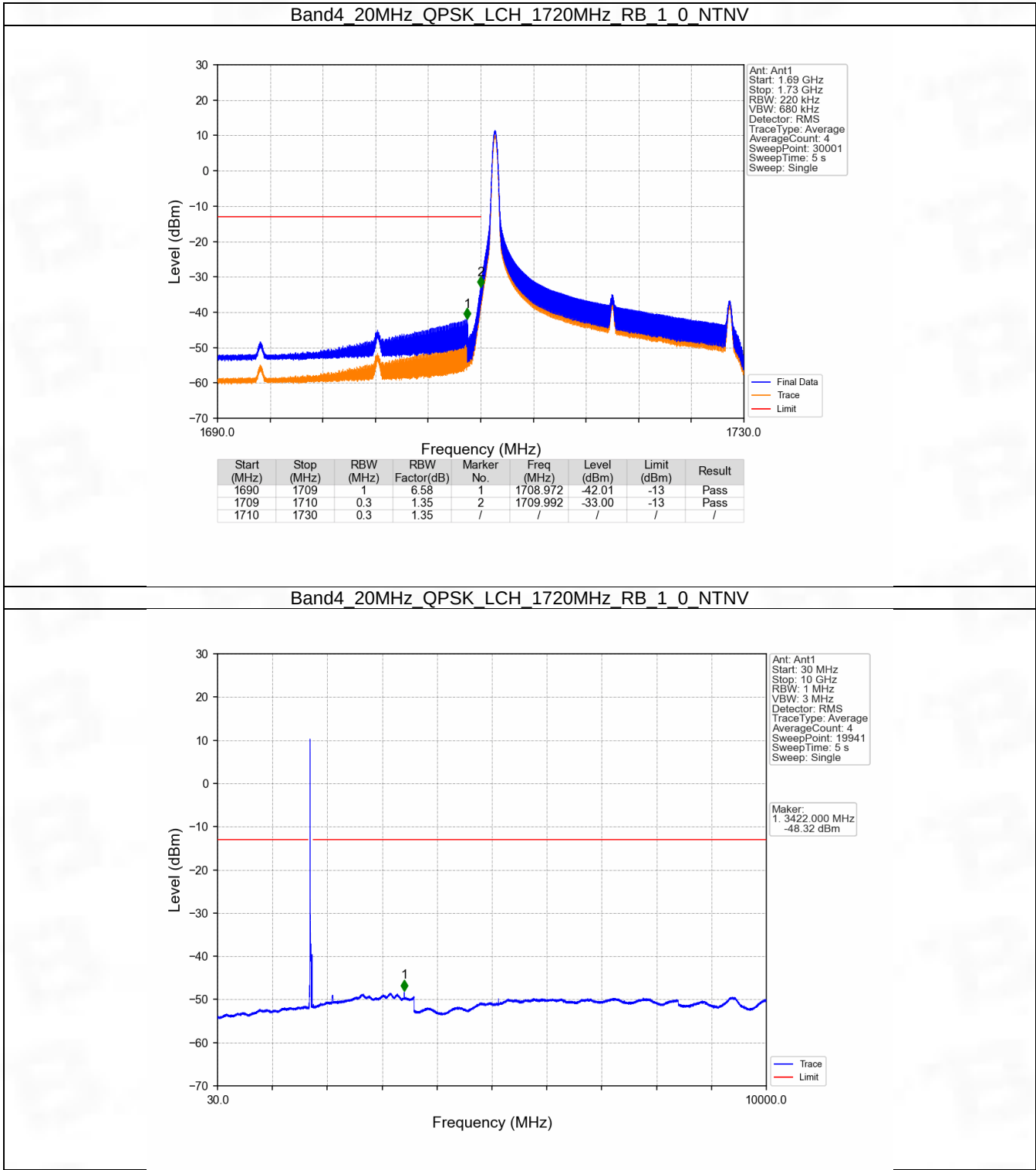


6.6 B4_20MHz

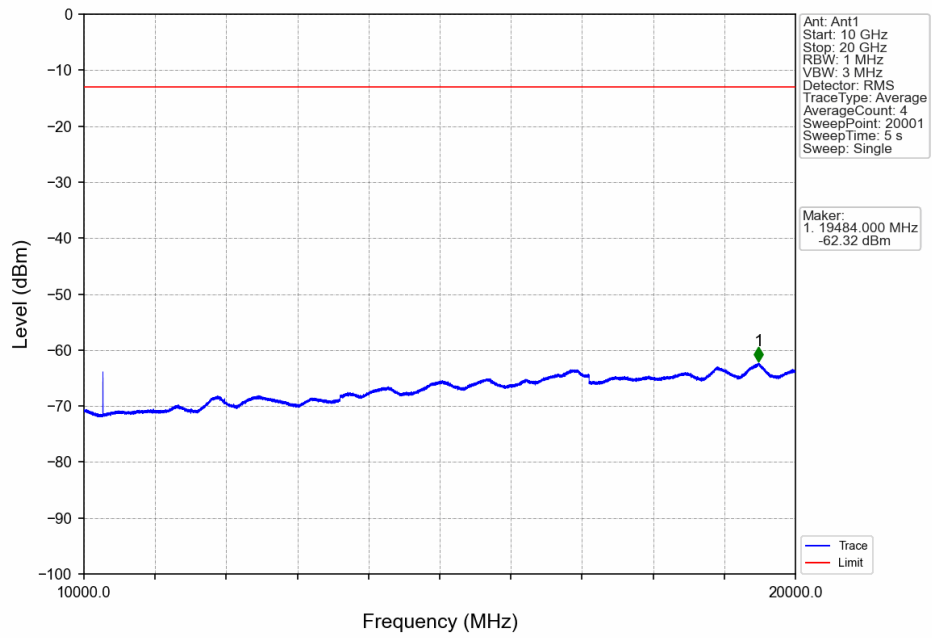
6.6.1 Test Result

Band: 4 / Bandwidth: 20MHz / NTVN						
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

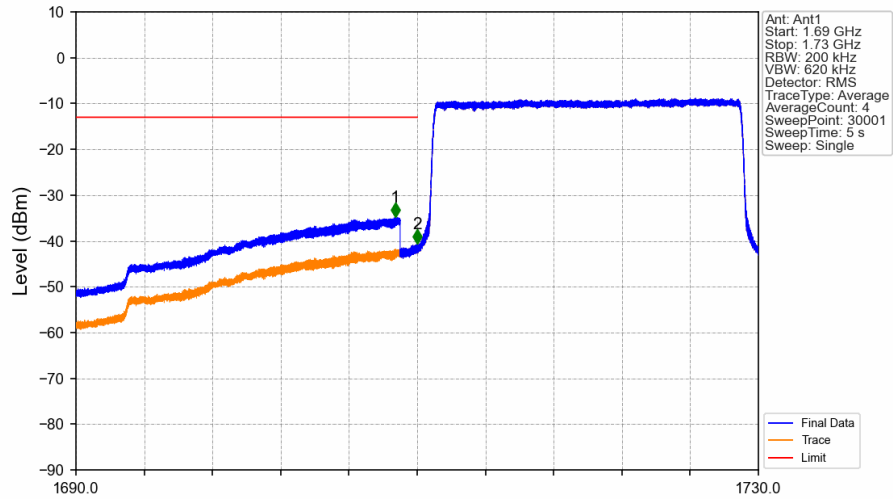
6.6.2 Test Graph



Band4 20MHz QPSK LCH 1720MHz RB 1 0 NTN

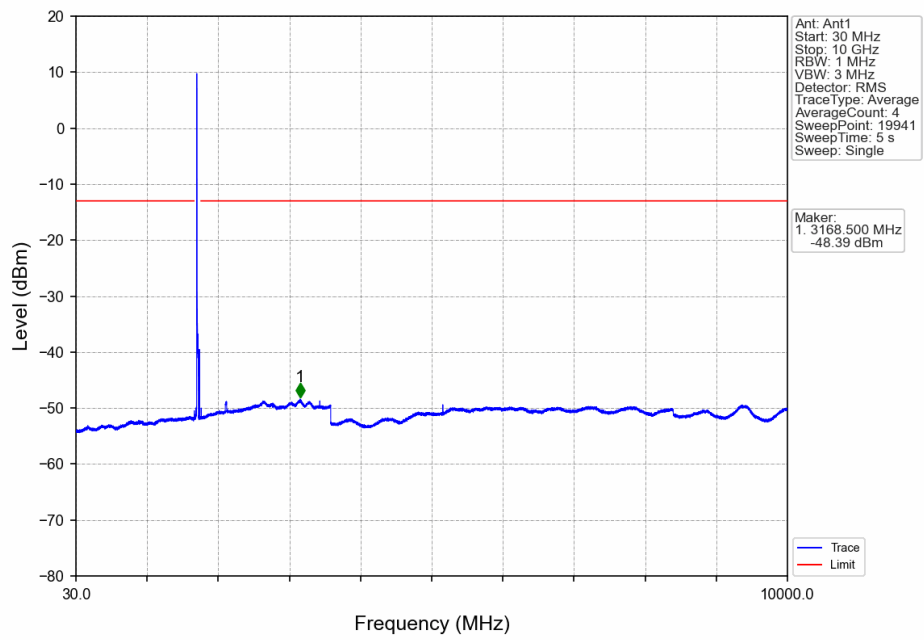


Band4 20MHz QPSK LCH 1720MHz RB 100 0 NTN

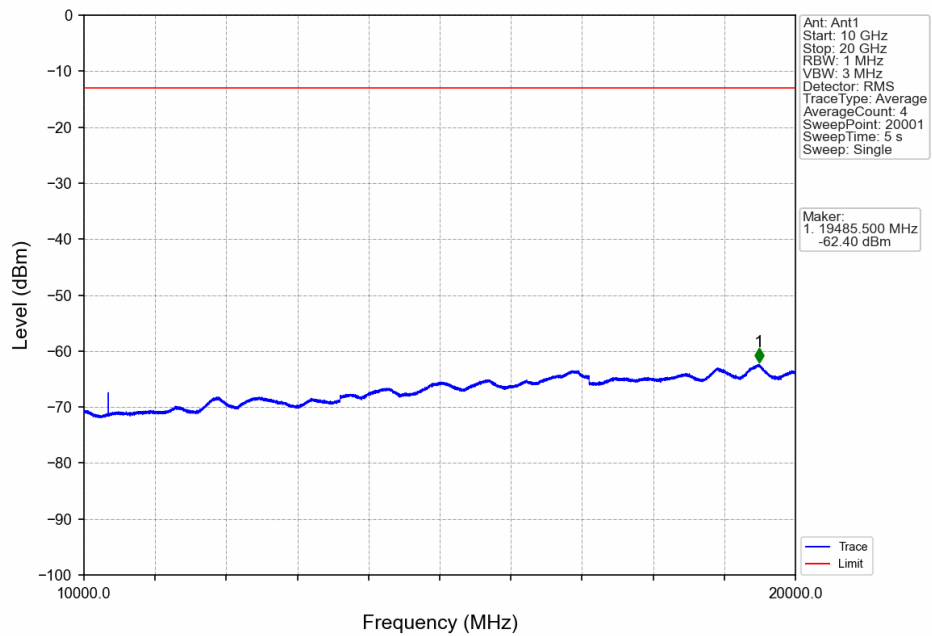


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.99	1	1708.725	-34.78	-13	Pass
1709	1710	0.201	0.02	2	1709.989	-40.67	-13	Pass
1710	1730	0.201	0.02	/	/	/	/	/

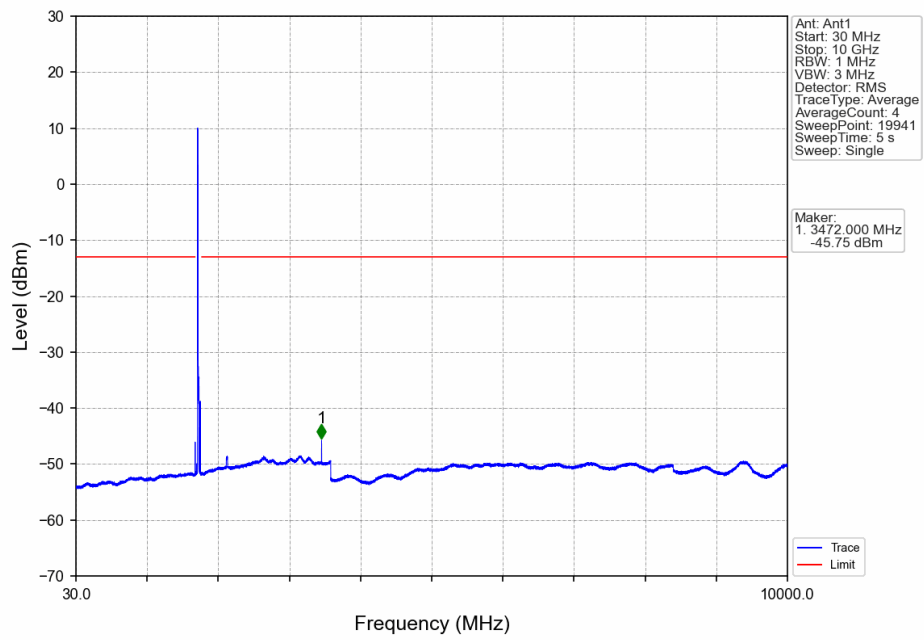
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



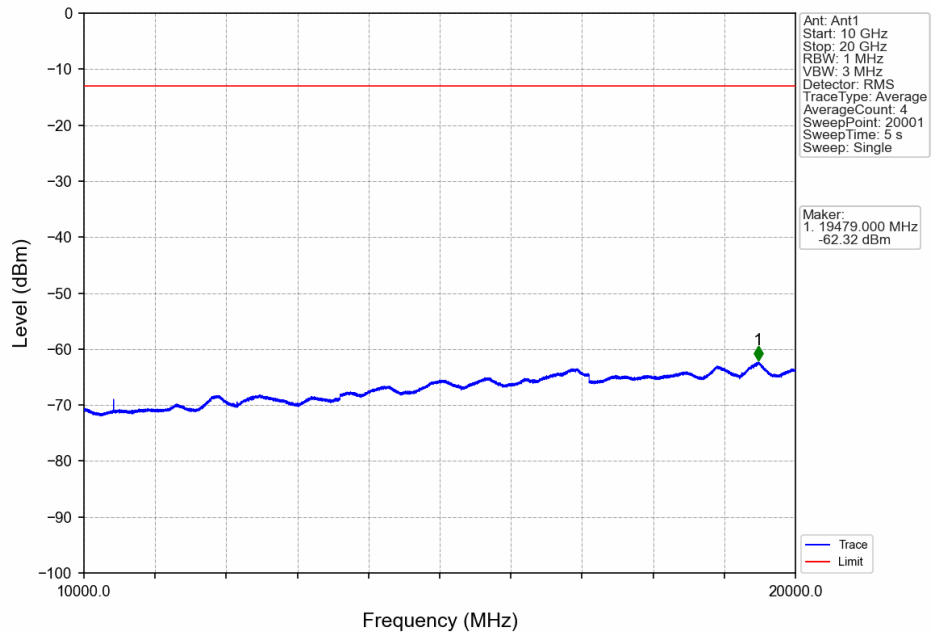
Band4 20MHz QPSK MCH 1732.5MHz RB 1 0 NTNV



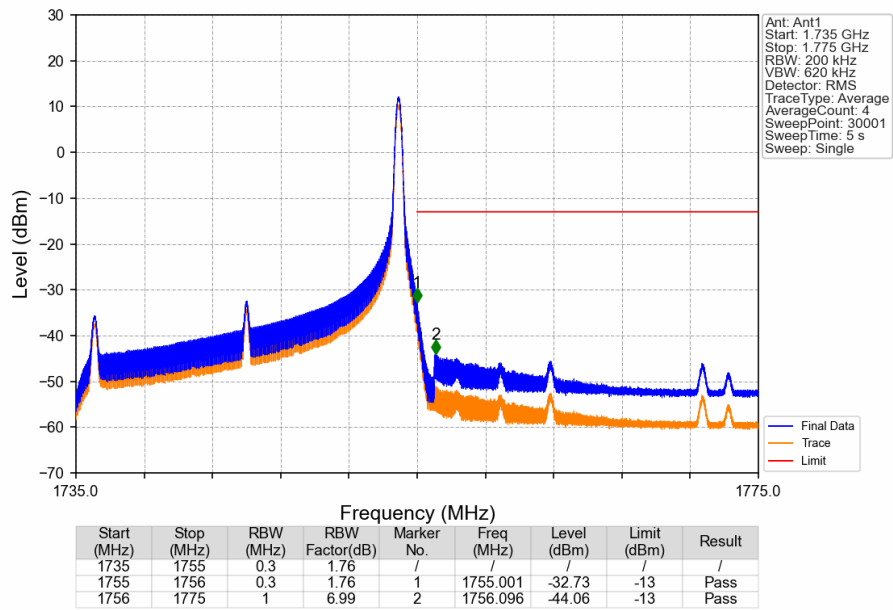
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



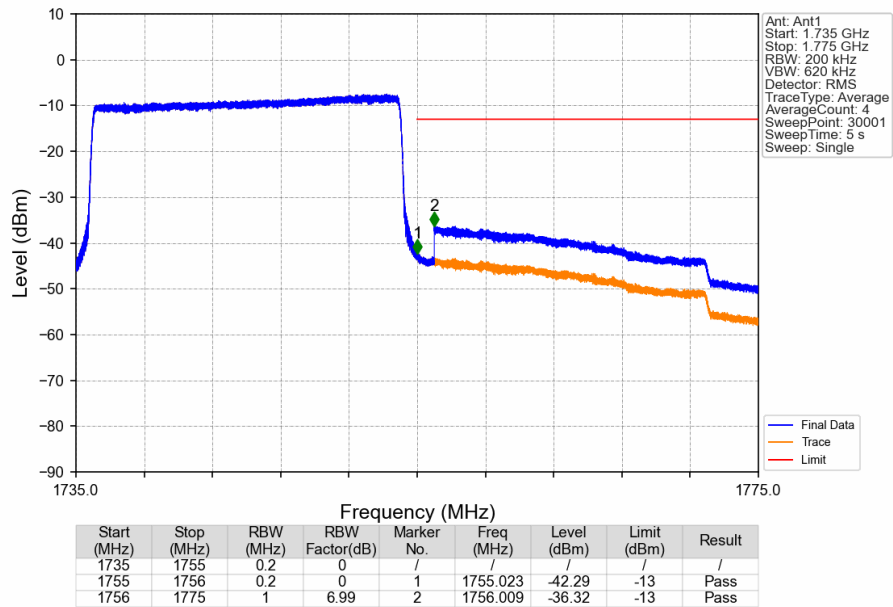
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



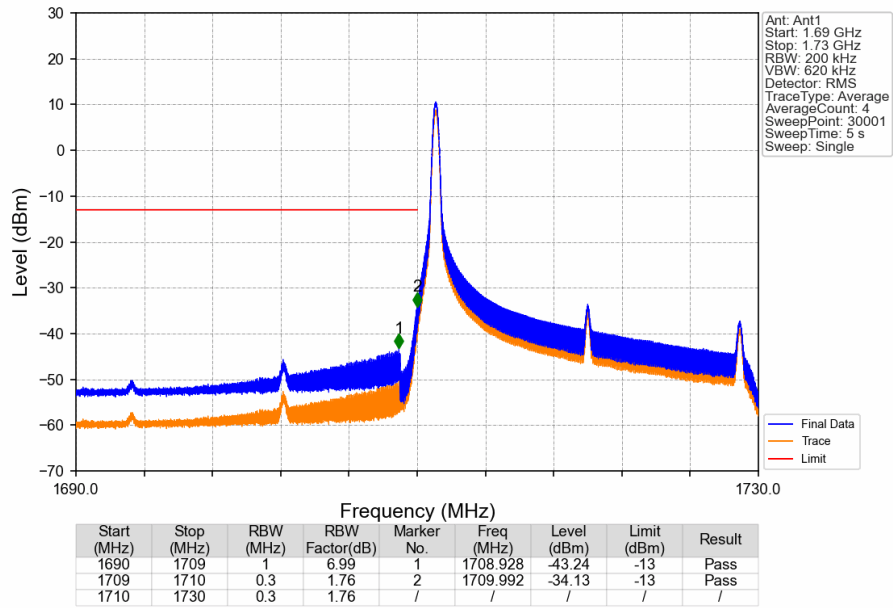
Band4 20MHz QPSK HCH 1745MHz RB 1 99 NTNV



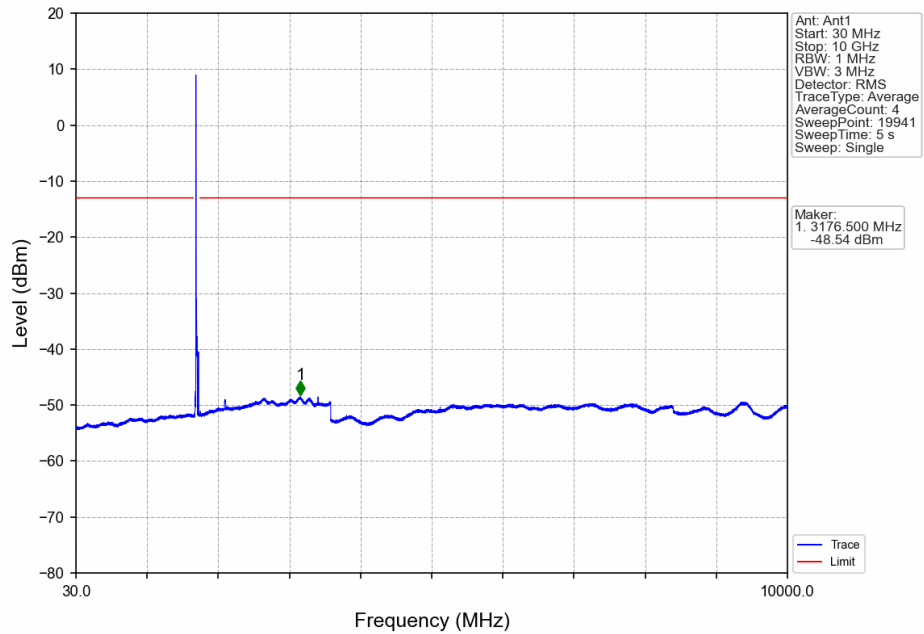
Band4 20MHz QPSK HCH 1745MHz RB 100 0 NTNV



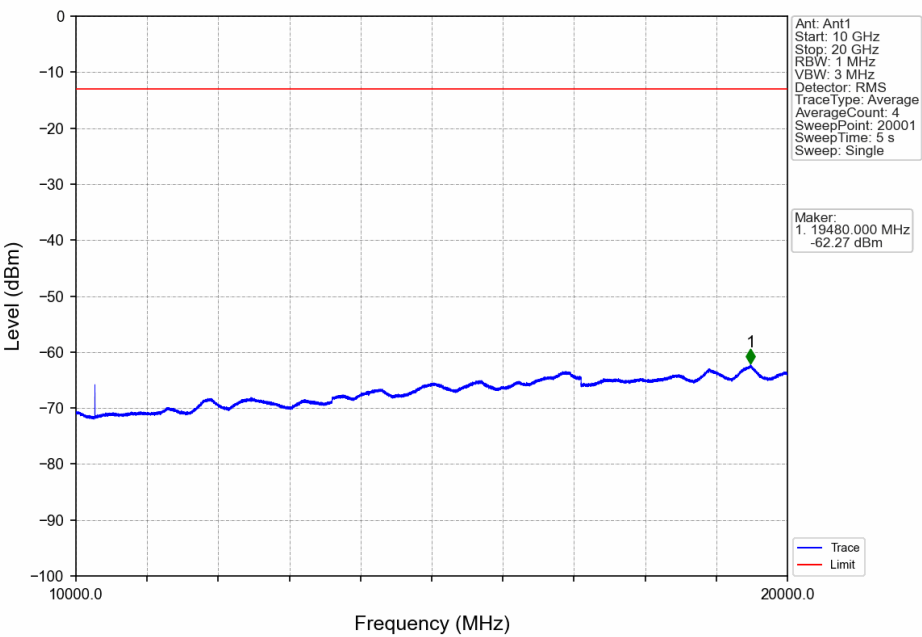
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



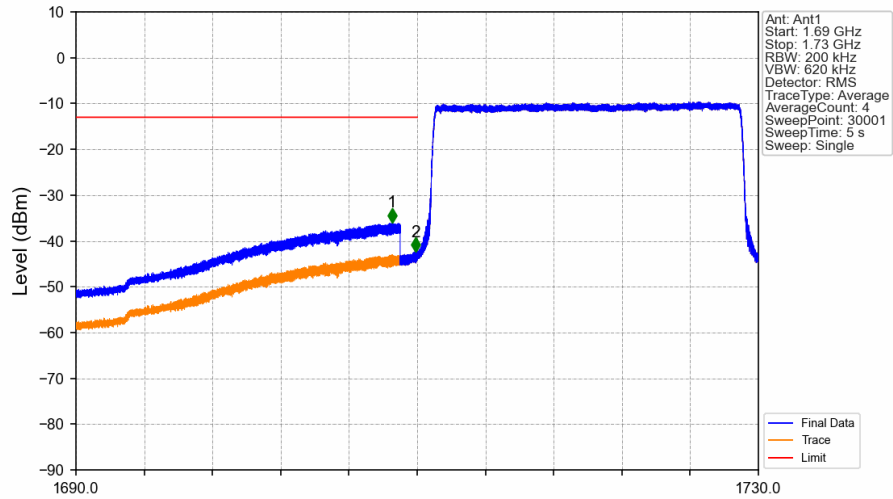
Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV



Band4 20MHz 16QAM LCH 1720MHz RB 1 0 NTNV

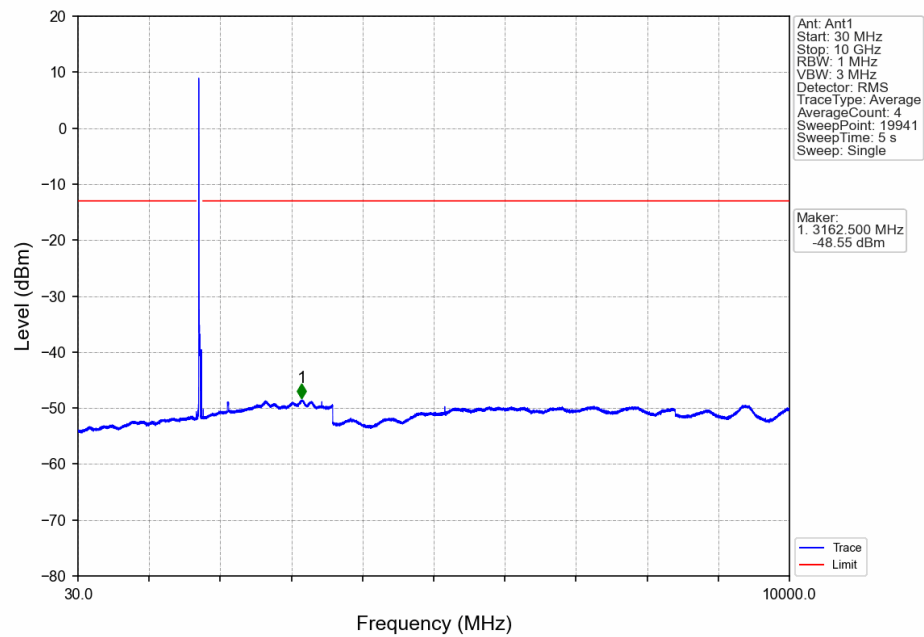


Band4 20MHz 16QAM LCH 1720MHz RB 100 0 NTNV

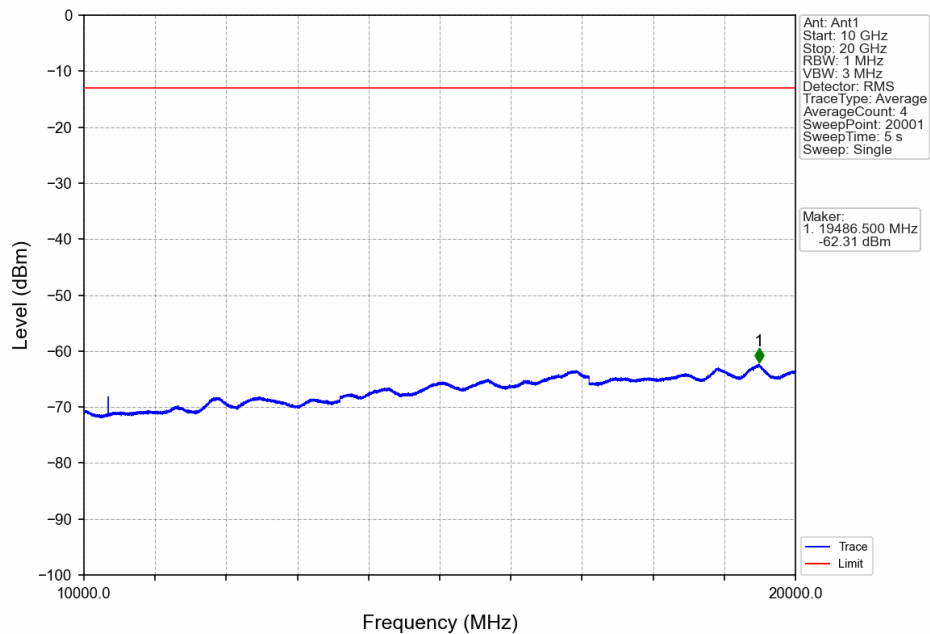


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.99	1	1708.535	-35.95	-13	Pass
1709	1710	0.201	0.02	2	1709.911	-42.37	-13	Pass
1710	1730	0.201	0.02	/	/	/	/	/

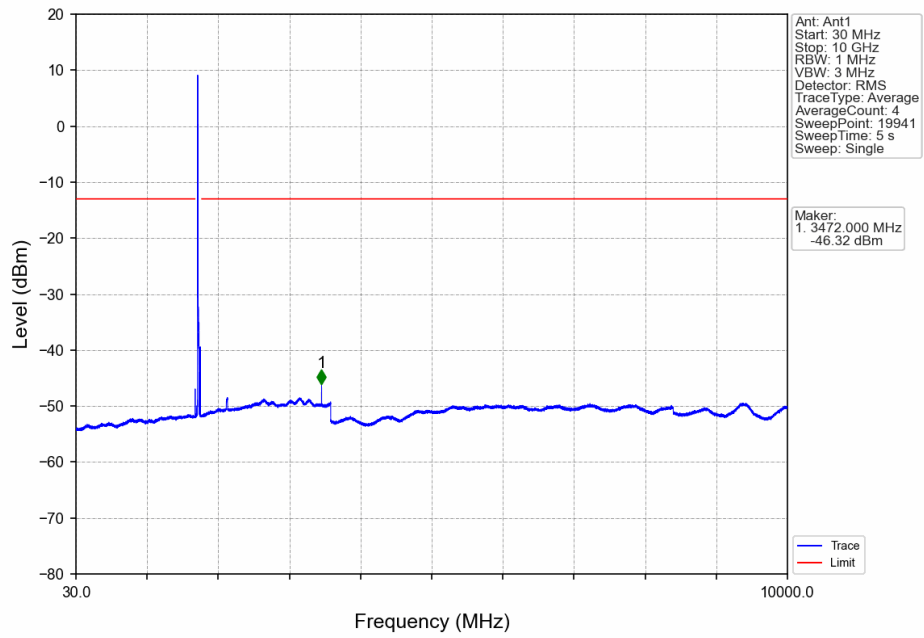
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



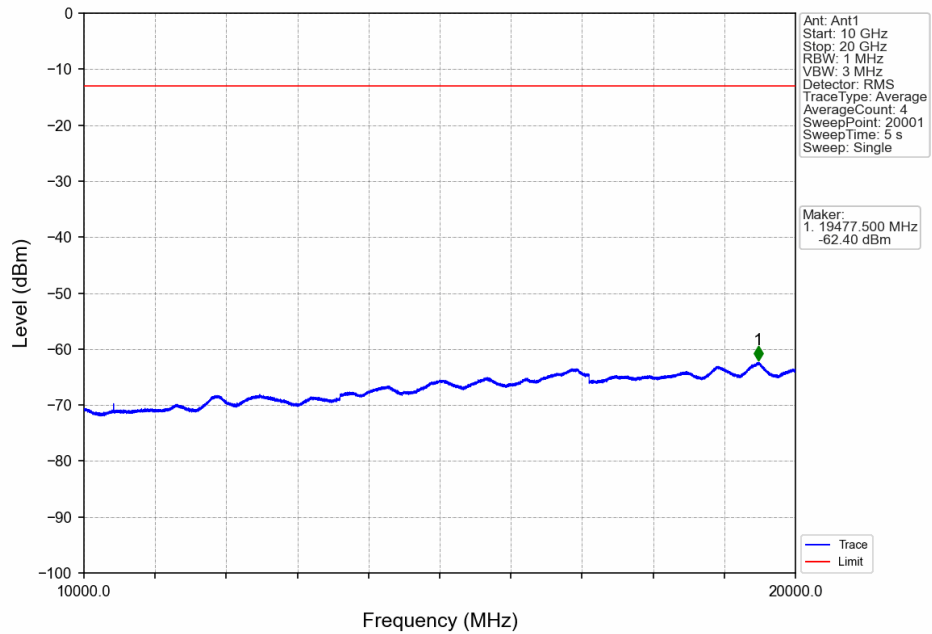
Band4 20MHz 16QAM MCH 1732.5MHz RB 1 0 NTNV



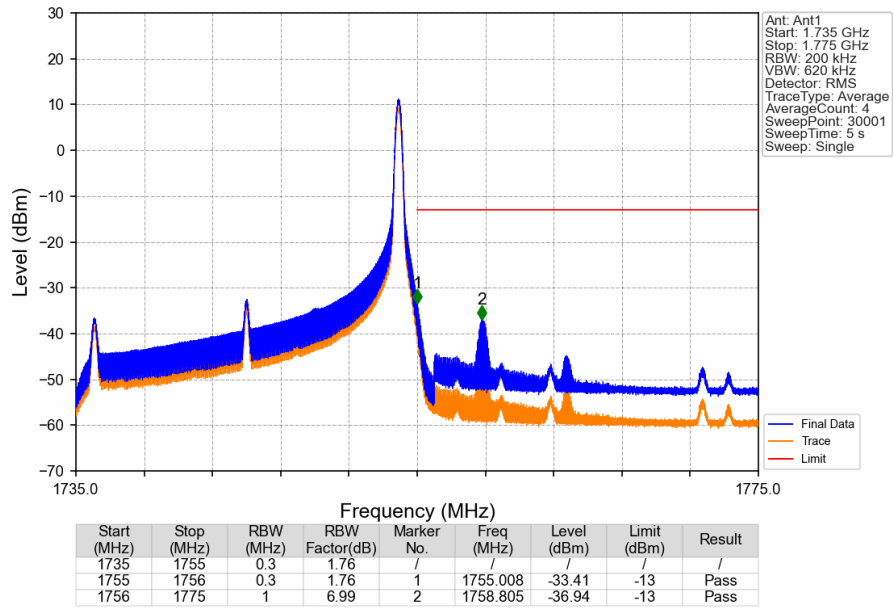
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



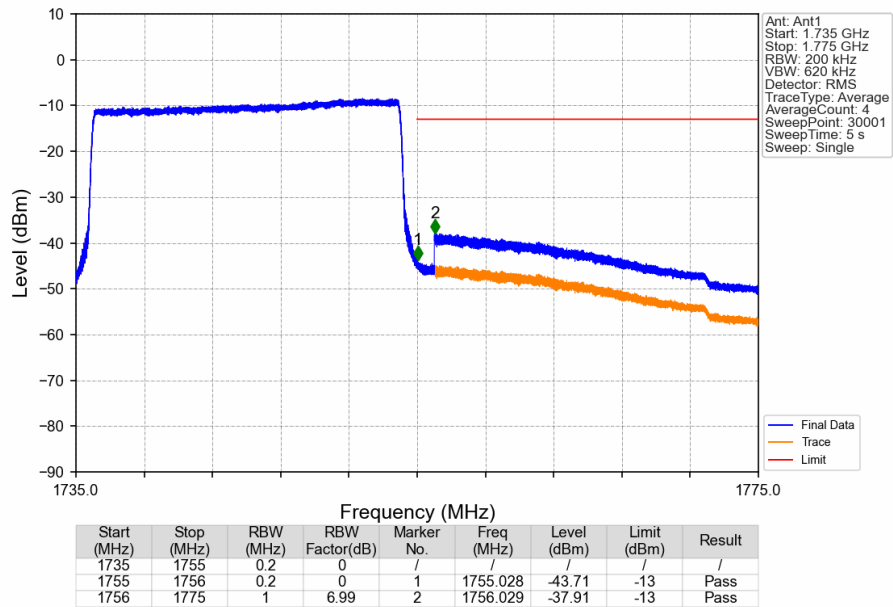
Band4 20MHz 16QAM HCH 1745MHz RB 1 0 NTNV



Band4 20MHz 16QAM HCH 1745MHz RB 1 99 NTV



Band4 20MHz 16QAM HCH 1745MHz RB 100 0 NTV



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	0.1905	0.0229	ppm	1M12G7D	24E	22.80
4	1.4	1710.7	1754.3	0.1589	0.0247	ppm	1M11W7D	24E	22.01
4	3	1711.5	1753.5	0.1892	0.0278	ppm	2M77G7D	24E	22.77
4	3	1711.5	1753.5	0.1782	0.0201	ppm	2M77W7D	24E	22.51
4	5	1712.5	1752.5	0.1875	0.0244	ppm	4M57G7D	24E	22.73
4	5	1712.5	1752.5	0.1538	0.0188	ppm	4M59W7D	24E	21.87
4	10	1715	1750	0.1945	0.0255	ppm	9M11G7D	24E	22.89
4	10	1715	1750	0.1603	0.0202	ppm	9M10W7D	24E	22.05
4	15	1717.5	1747.5	0.1919	0.0242	ppm	13M6G7D	24E	22.83
4	15	1717.5	1747.5	0.1603	0.0208	ppm	13M7W7D	24E	22.05
4	20	1720	1745	0.2037	0.0203	ppm	18M2G7D	24E	23.09
4	20	1720	1745	0.1774	0.0214	ppm	18M2W7D	24E	22.49

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	0.2355	0.0229	ppm	1M12G7D	24E	23.72
4	1.4	1710.7	1754.3	0.1963	0.0247	ppm	1M11W7D	24E	22.93
4	3	1711.5	1753.5	0.2339	0.0278	ppm	2M77G7D	24E	23.69
4	3	1711.5	1753.5	0.2203	0.0201	ppm	2M77W7D	24E	23.43
4	5	1712.5	1752.5	0.2317	0.0244	ppm	4M57G7D	24E	23.65
4	5	1712.5	1752.5	0.1901	0.0188	ppm	4M59W7D	24E	22.79
4	10	1715	1750	0.2404	0.0255	ppm	9M11G7D	24E	23.81
4	10	1715	1750	0.1982	0.0202	ppm	9M10W7D	24E	22.97
4	15	1717.5	1747.5	0.2371	0.0242	ppm	13M6G7D	24E	23.75
4	15	1717.5	1747.5	0.1982	0.0208	ppm	13M7W7D	24E	22.97
4	20	1720	1745	0.2518	0.0203	ppm	18M2G7D	24E	24.01
4	20	1720	1745	0.2193	0.0214	ppm	18M2W7D	24E	23.41