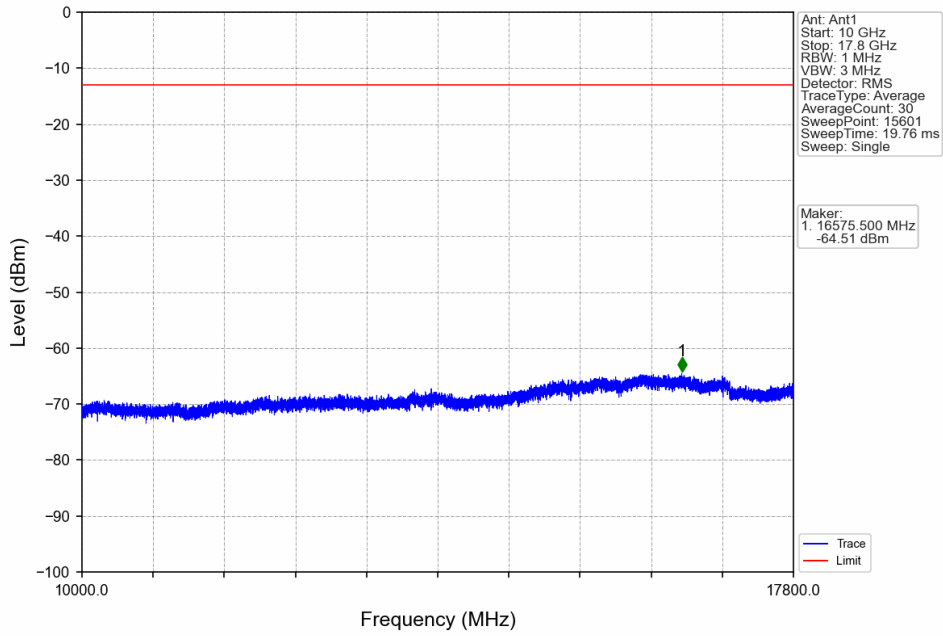
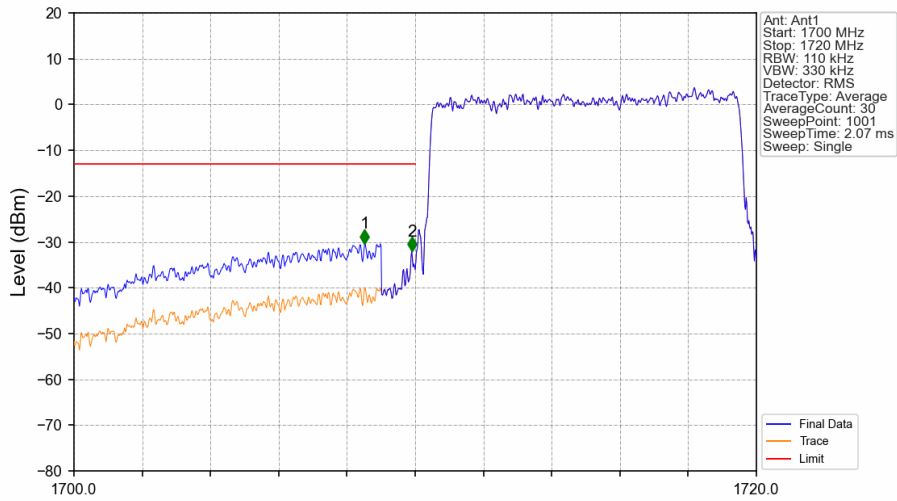


Band66_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

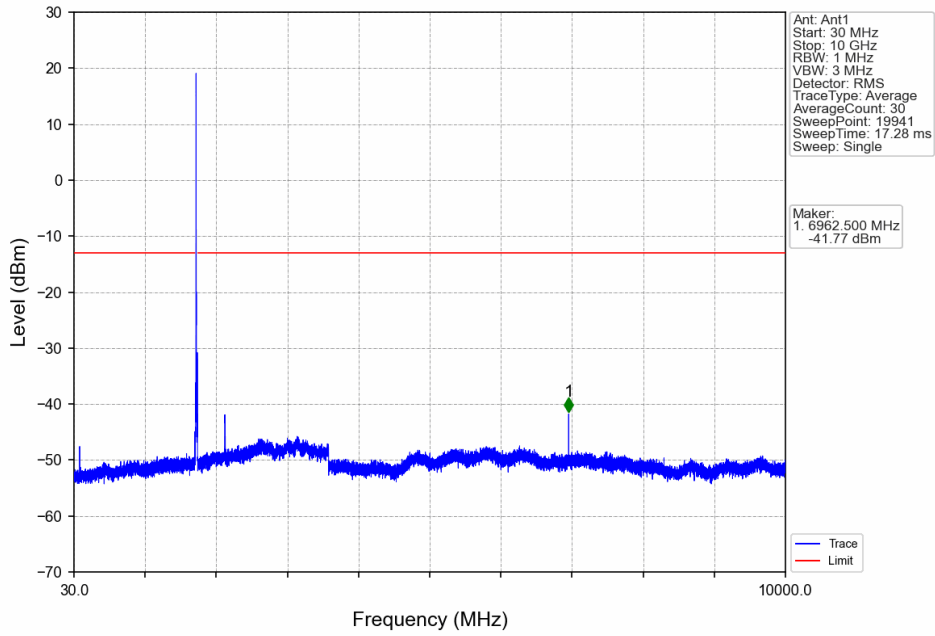


Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

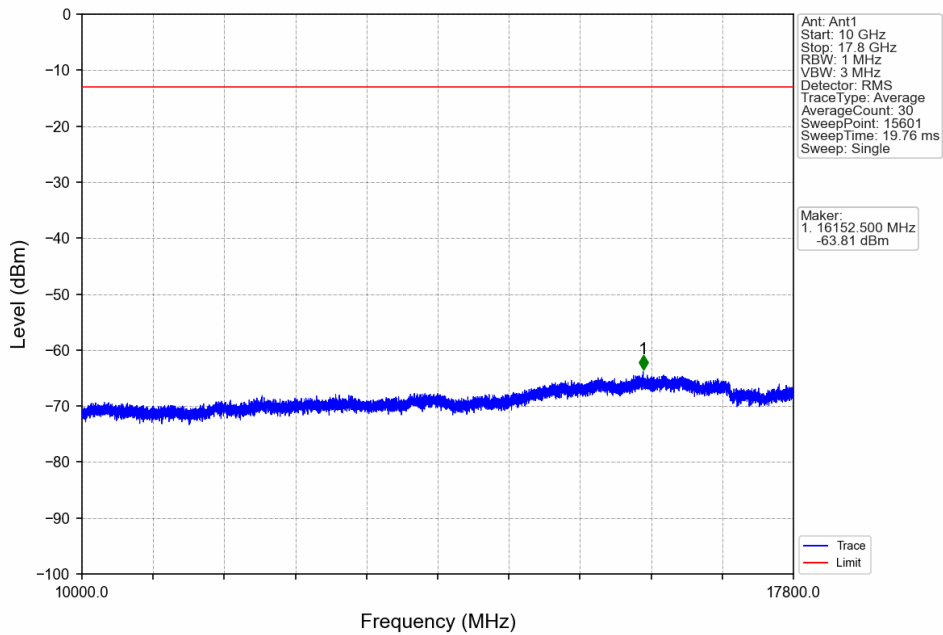


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	9.59	1	1708.520	-30.38	-13	Pass
1709	1710	0.11	0	2	1709.900	-32.00	-13	Pass
1710	1720	0.11	0	/	/	/	/	/

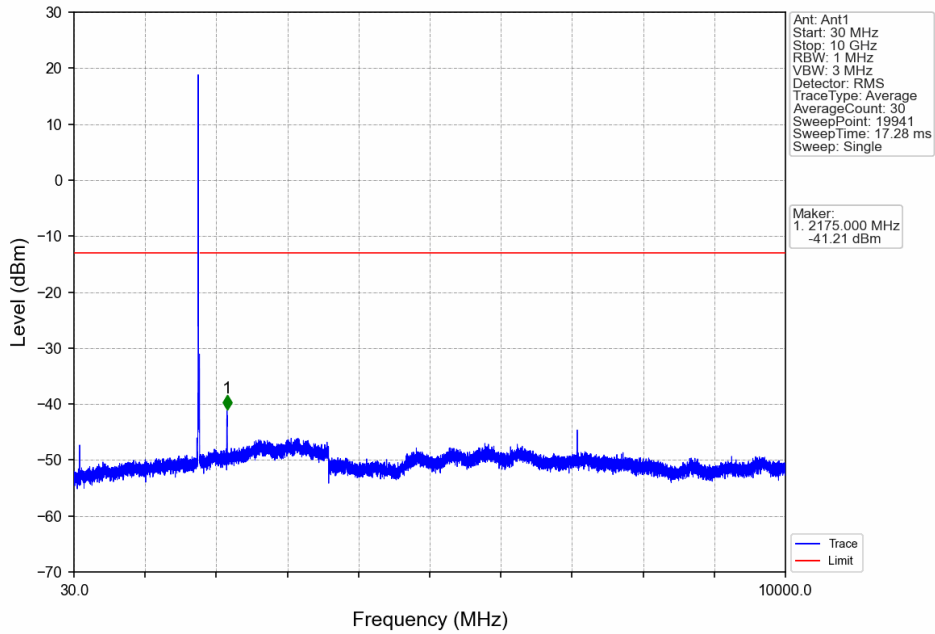
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



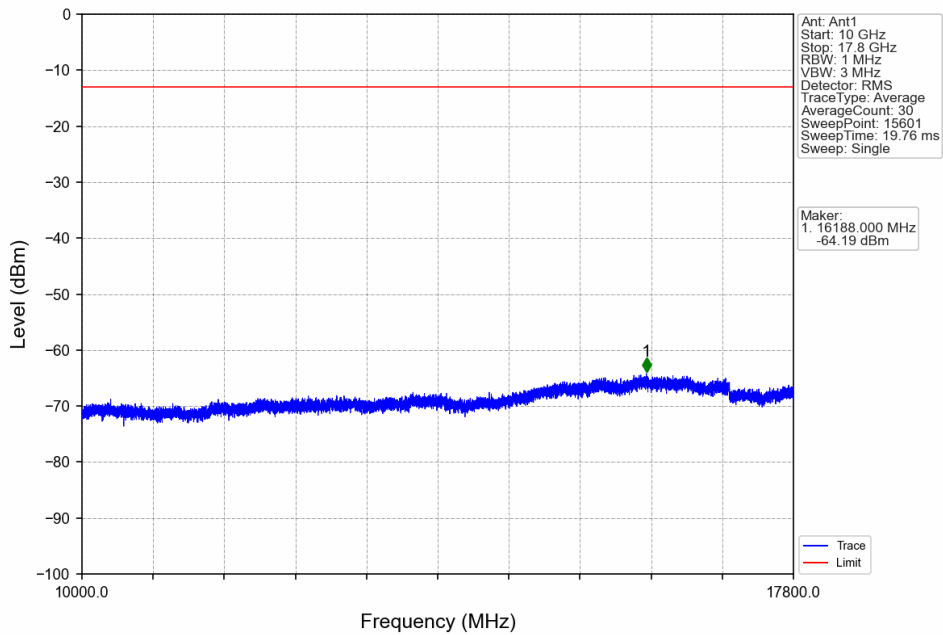
Band66_10MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



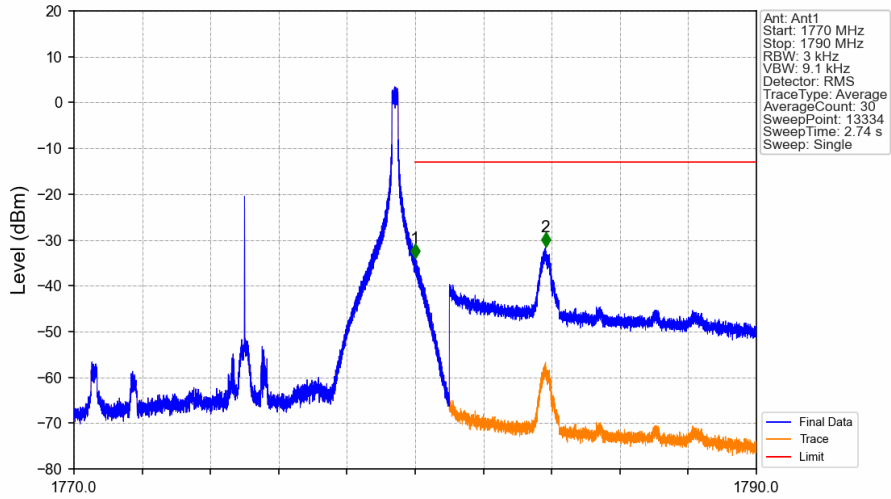
Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_1_0_NTNV

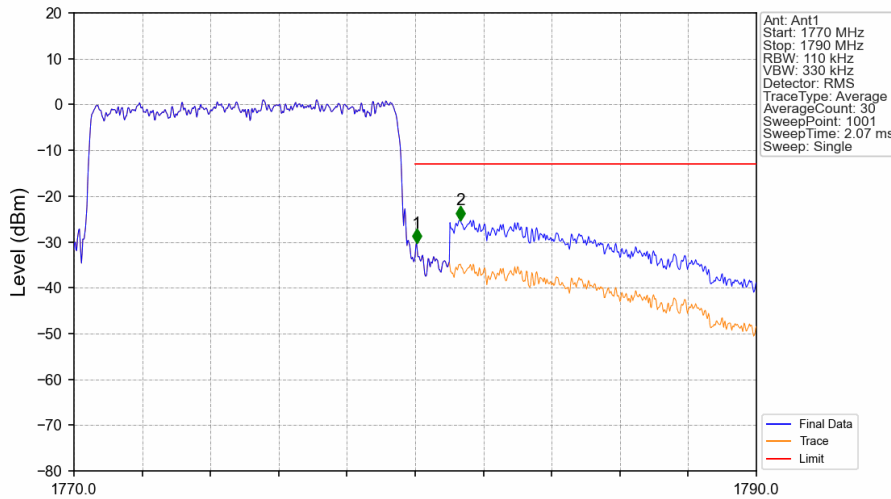


Band66_10MHz_16QAM_HCH_1775MHz_RB_1_49_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.001	-34.02	-13	Pass
1781	1790	1	25.23	2	1783.821	-31.45	-13	Pass

Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



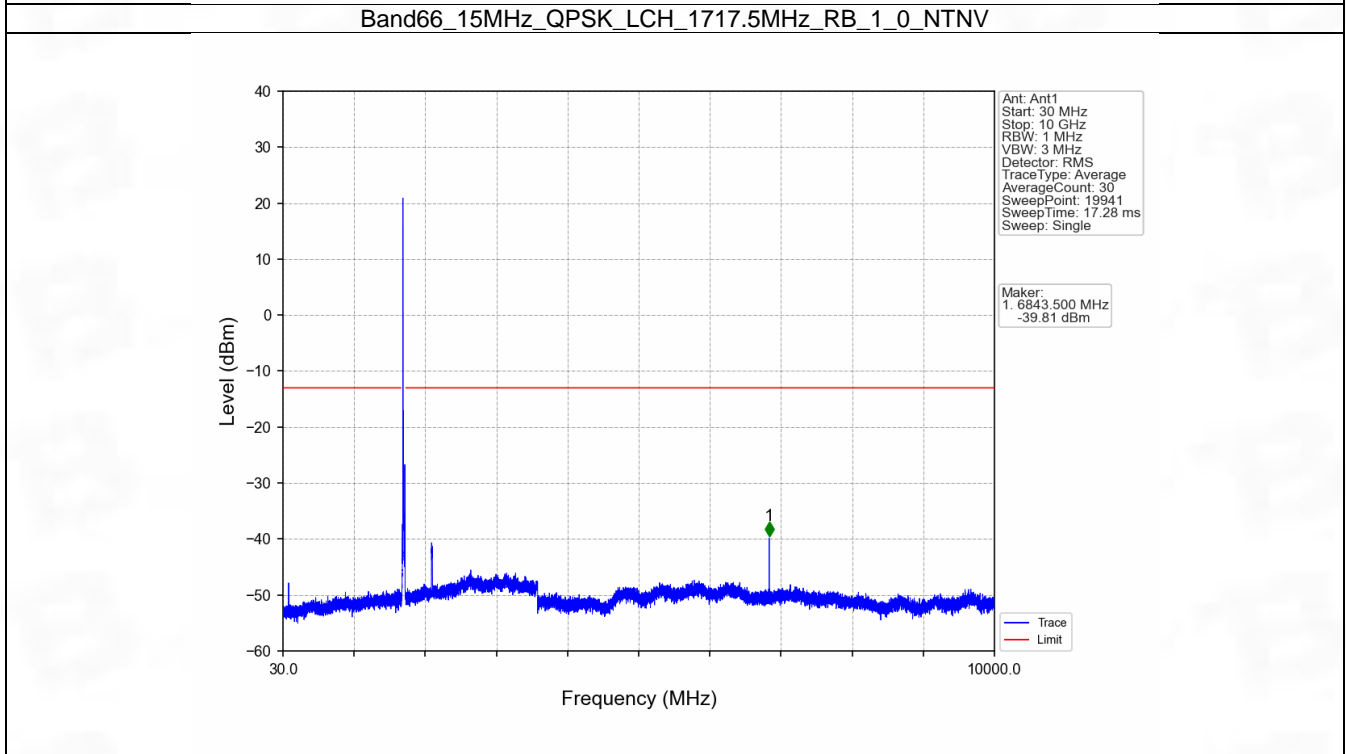
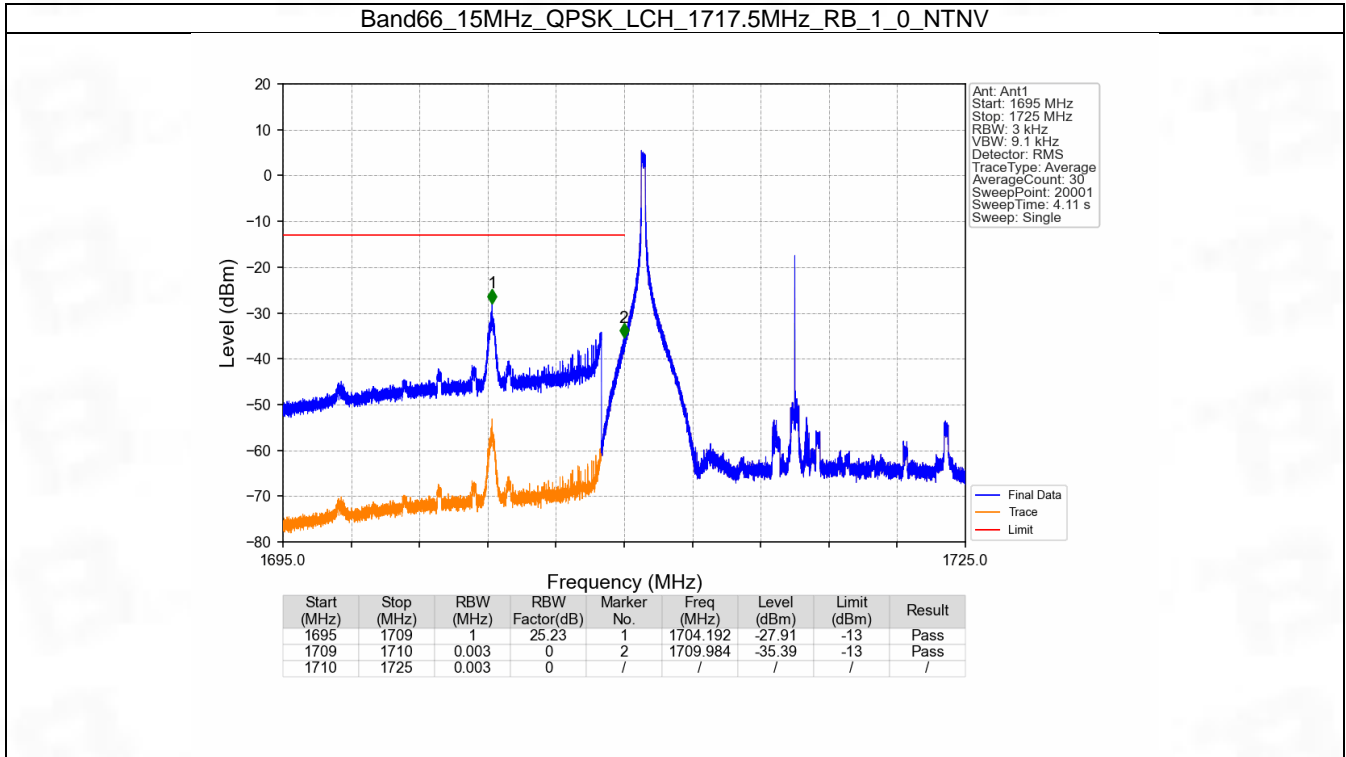
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.11	0	/	/	/	/	/
1780	1781	0.11	0	1	1780.040	-30.25	-13	Pass
1781	1790	1	9.59	2	1781.320	-25.25	-13	Pass

6.5 B66_15MHz

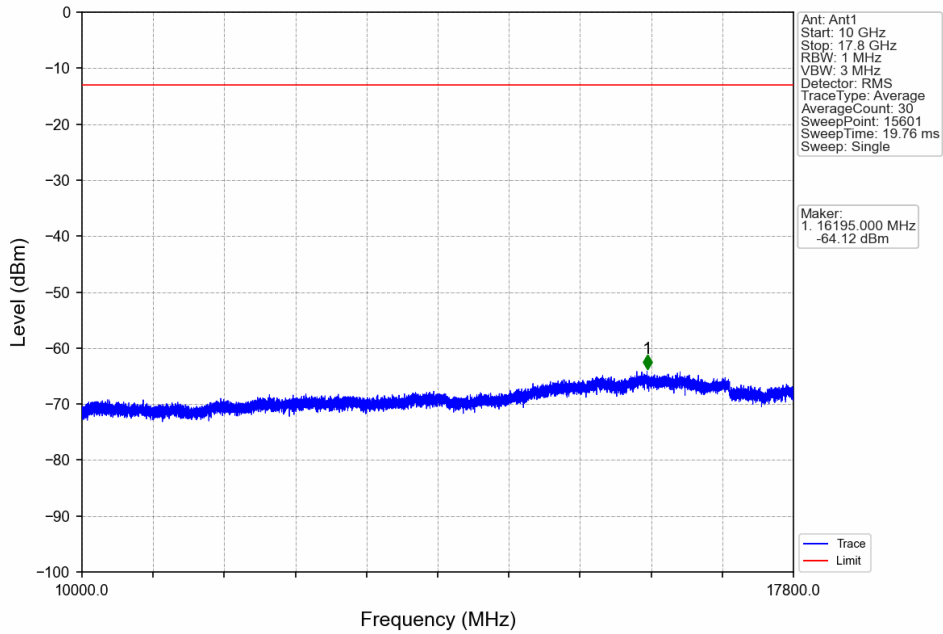
6.5.1 Test Result

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1772.5	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
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

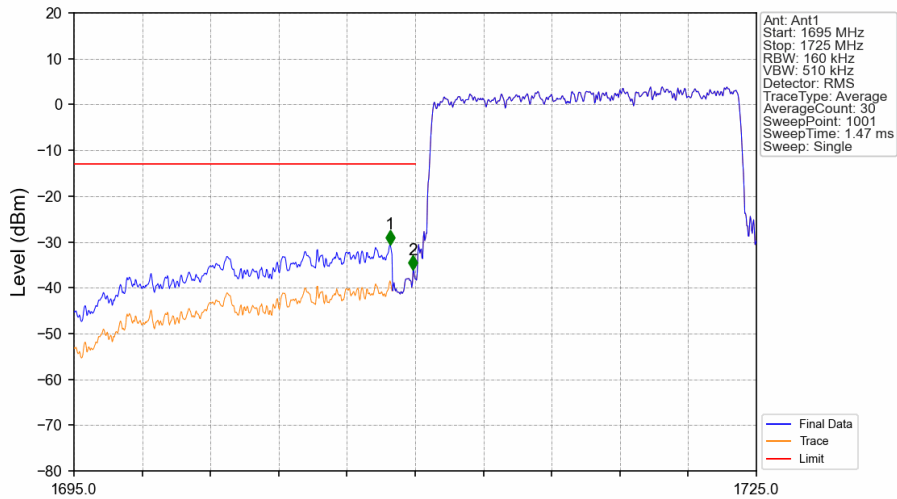
6.5.2 Test Graph



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

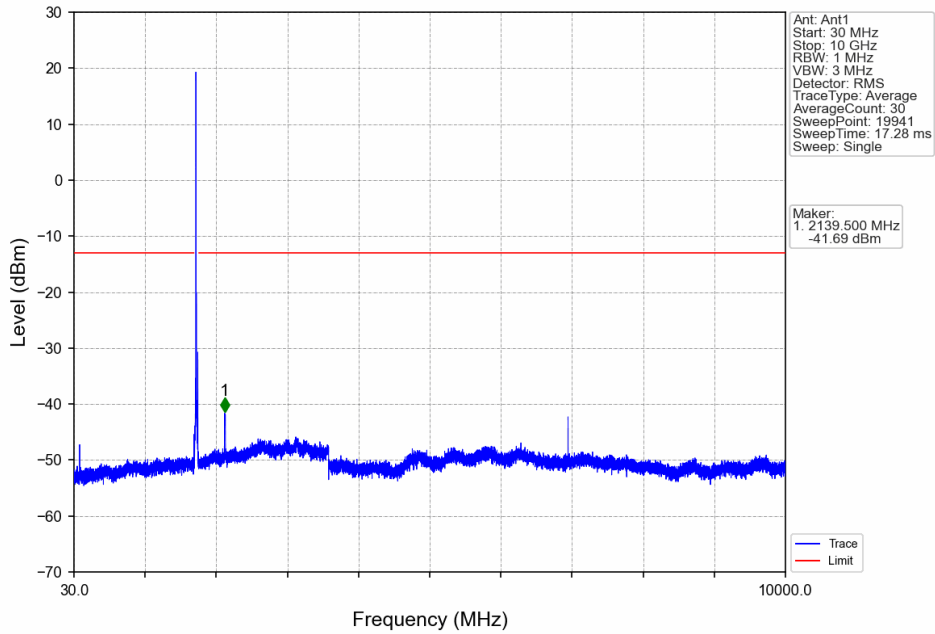


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

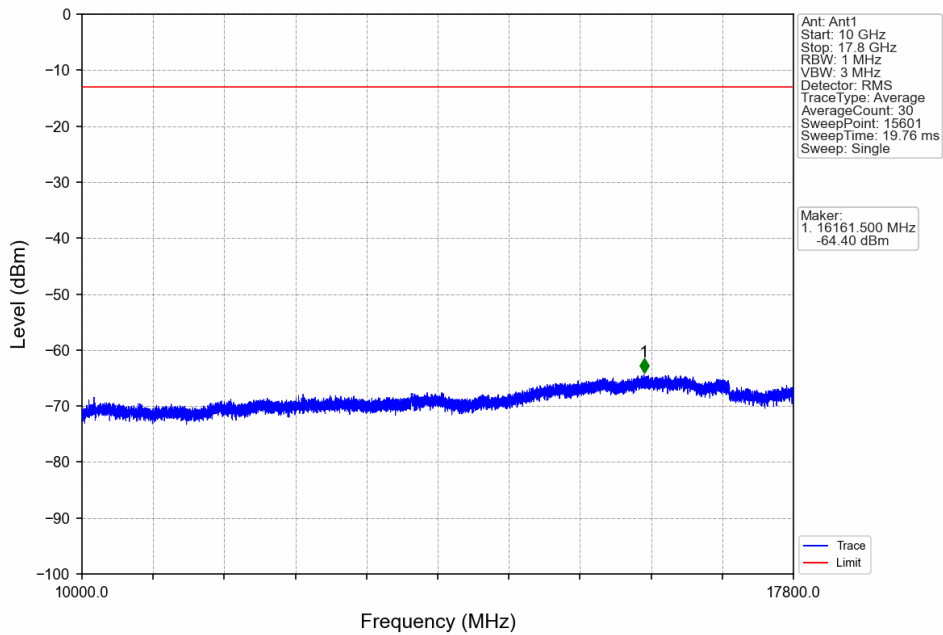


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	7.96	1	1708.890	-30.54	-13	Pass
1709	1710	0.16	0	2	1709.910	-36.16	-13	Pass
1710	1725	0.16	0	/	/	/	/	/

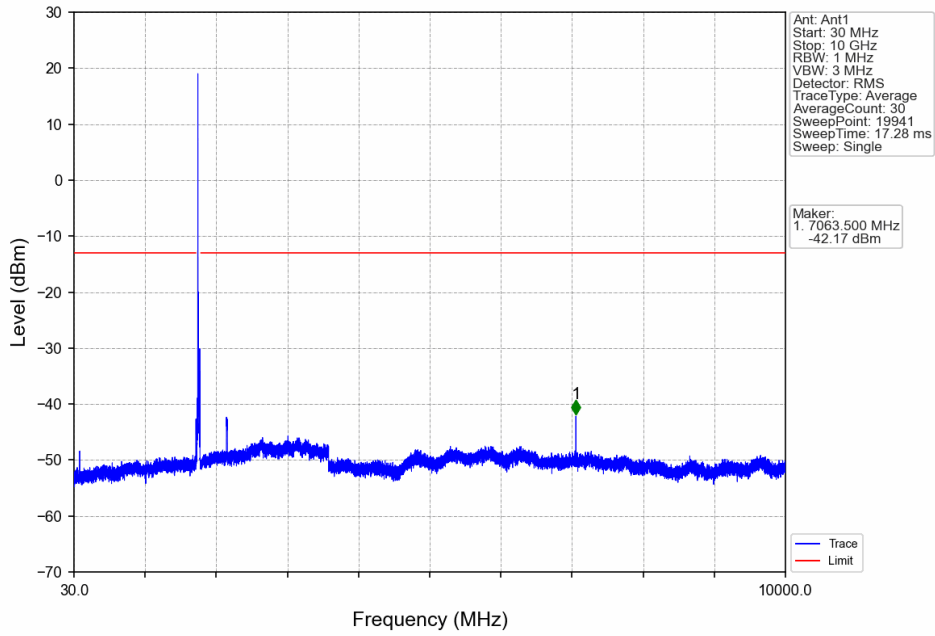
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



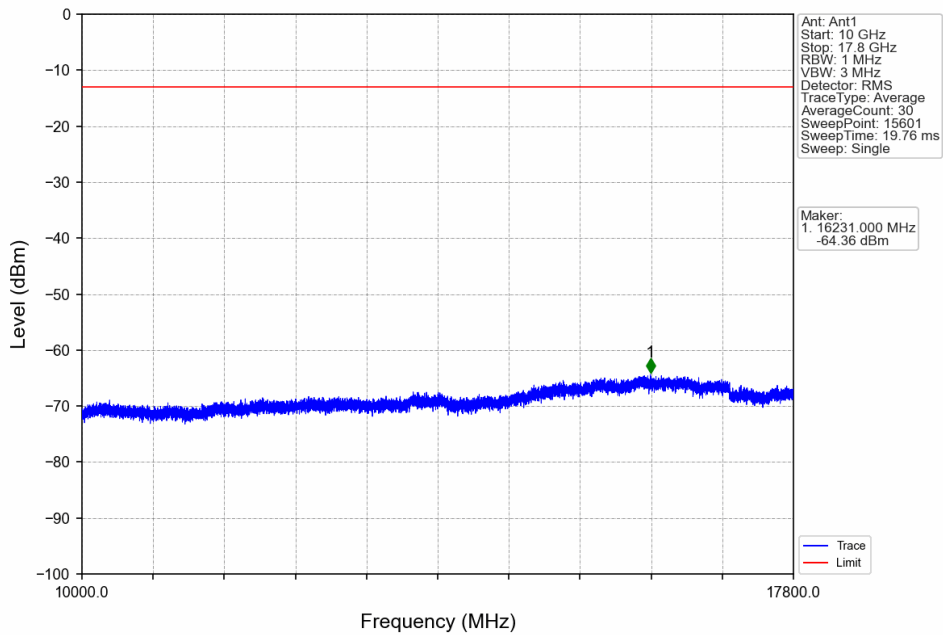
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



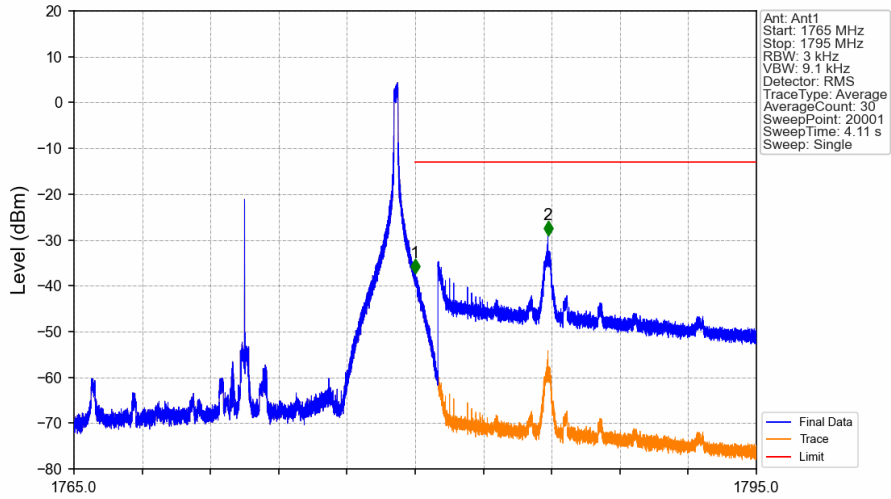
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

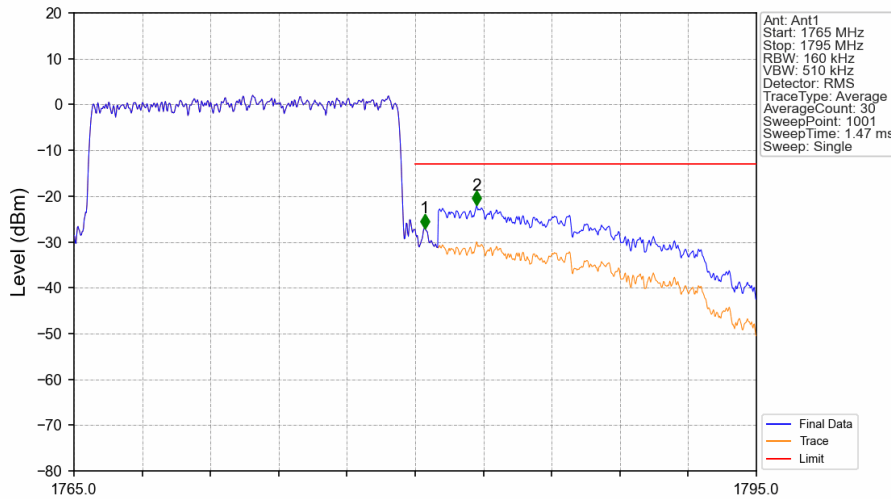


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



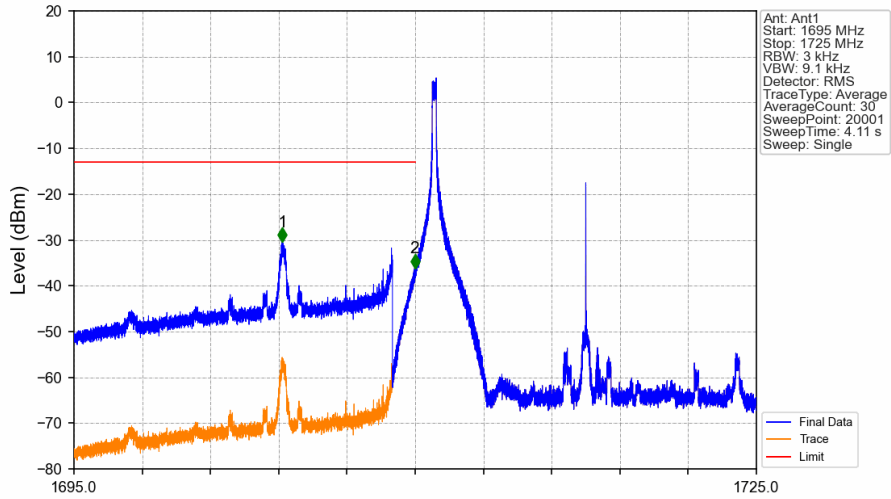
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.002	-37.23	-13	Pass
1781	1795	1	25.23	2	1785.835	-28.93	-13	Pass

Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



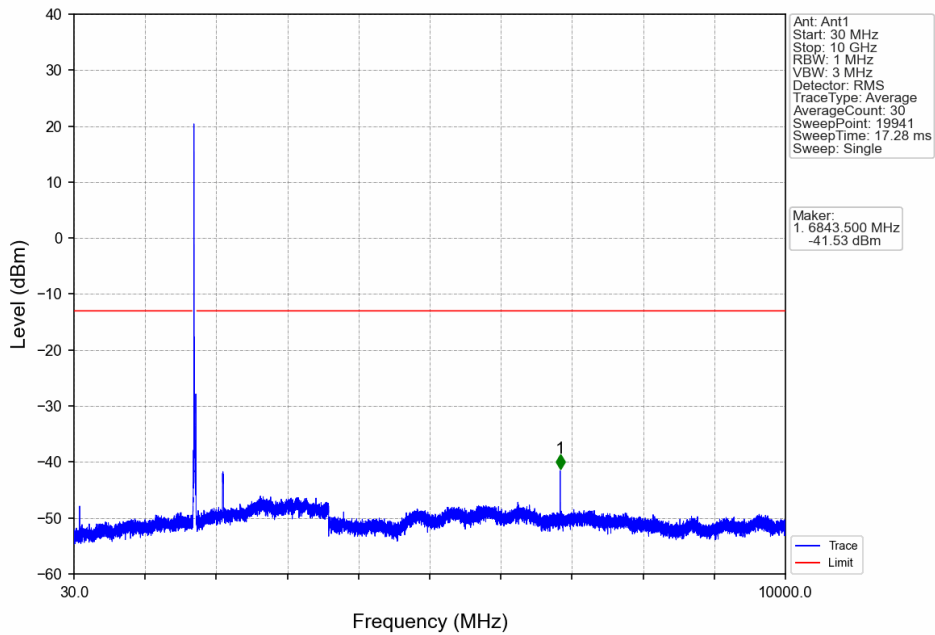
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.16	0	/	/	/	/	/
1780	1781	0.16	0	1	1780.420	-27.00	-13	Pass
1781	1795	1	7.96	2	1782.700	-22.00	-13	Pass

Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	25.23	1	1704.151	-30.40	-13	Pass
1709	1710	0.003	0	2	1709.986	-36.17	-13	Pass
1710	1725	0.003	0	/	/	/	/	/

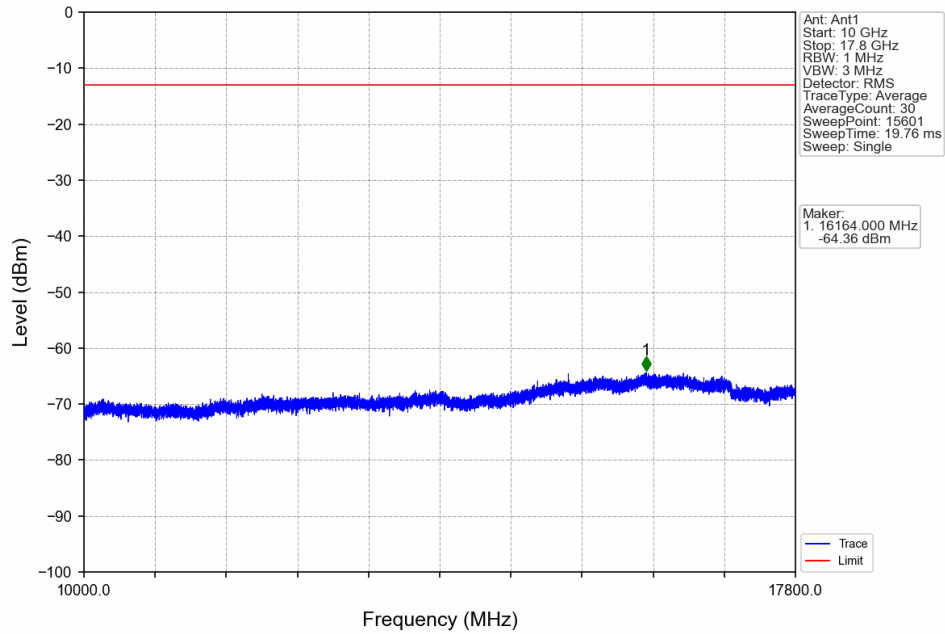
Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



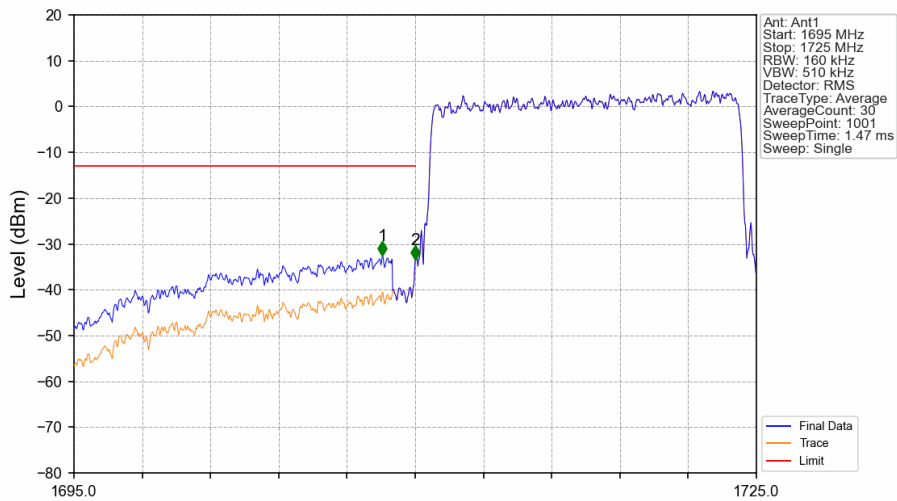
Ant: Ant1
 Start: 30 MHz
 Stop: 10 GHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 19941
 SweepTime: 17.28 ms
 Sweep: Single

Marker:
 1: 6843.500 MHz
 -41.53 dBm

Band66_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

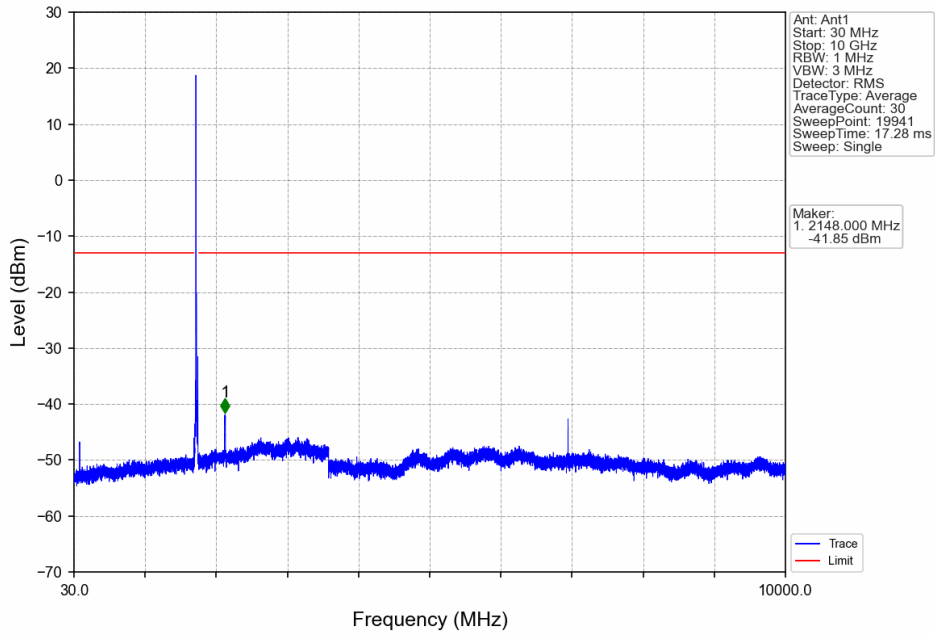


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

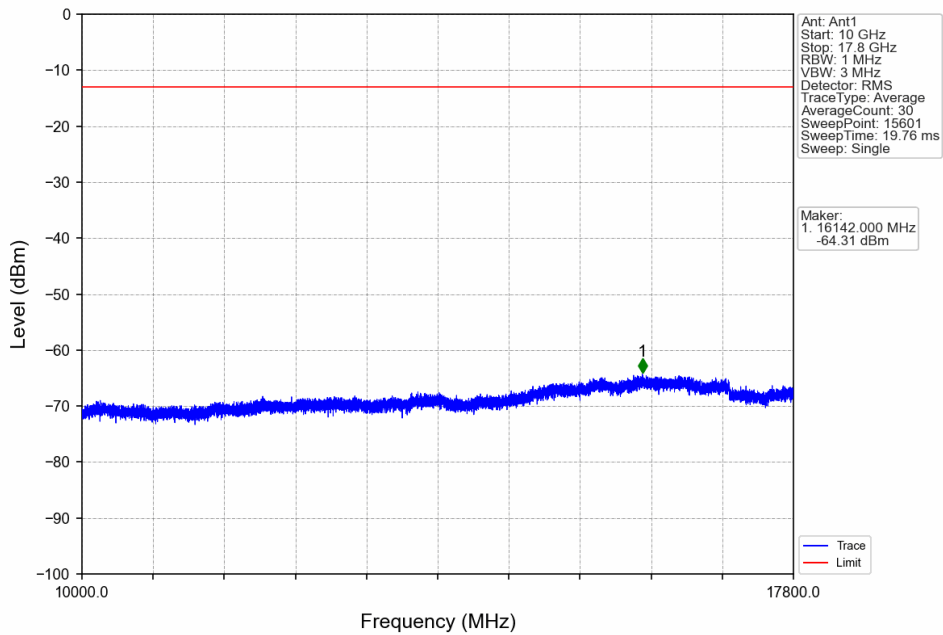


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	7.96	1	1708.560	-32.55	-13	Pass
1709	1710	0.16	0	2	1710.000	-33.47	-13	Pass
1710	1725	0.16	0	/	/	/	/	/

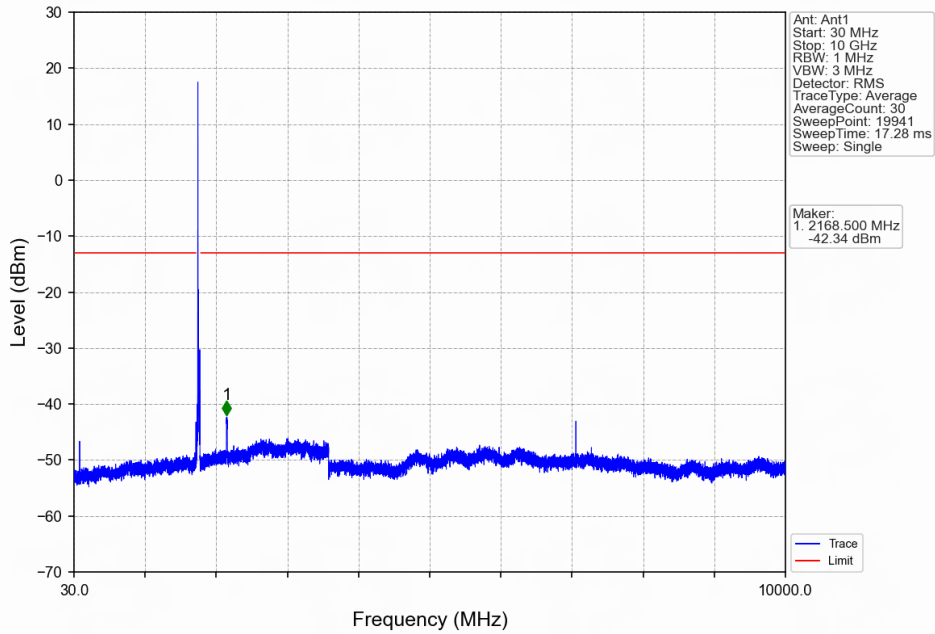
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



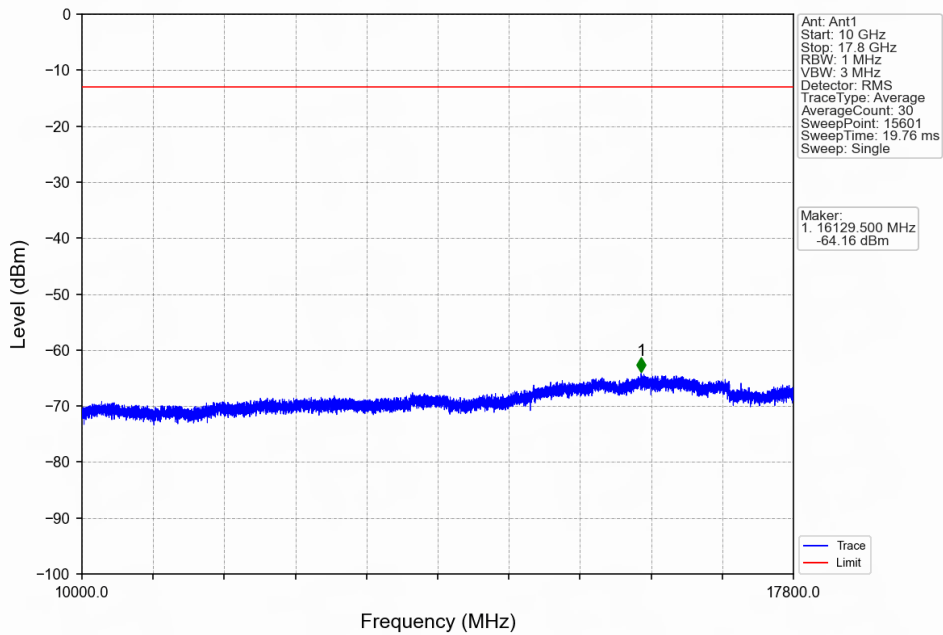
Band66_15MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



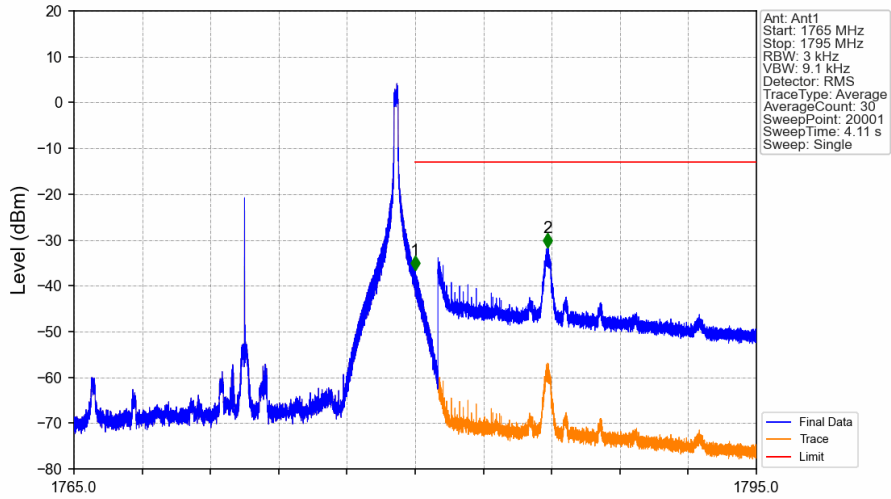
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_0_NTNV

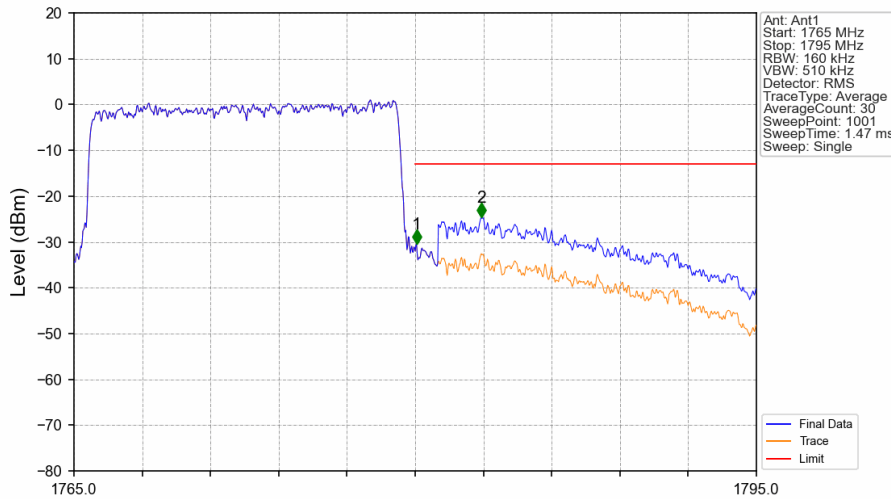


Band66_15MHz_16QAM_HCH_1772.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.000	-36.59	-13	Pass
1781	1795	1	25.23	2	1785.822	-31.66	-13	Pass

Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



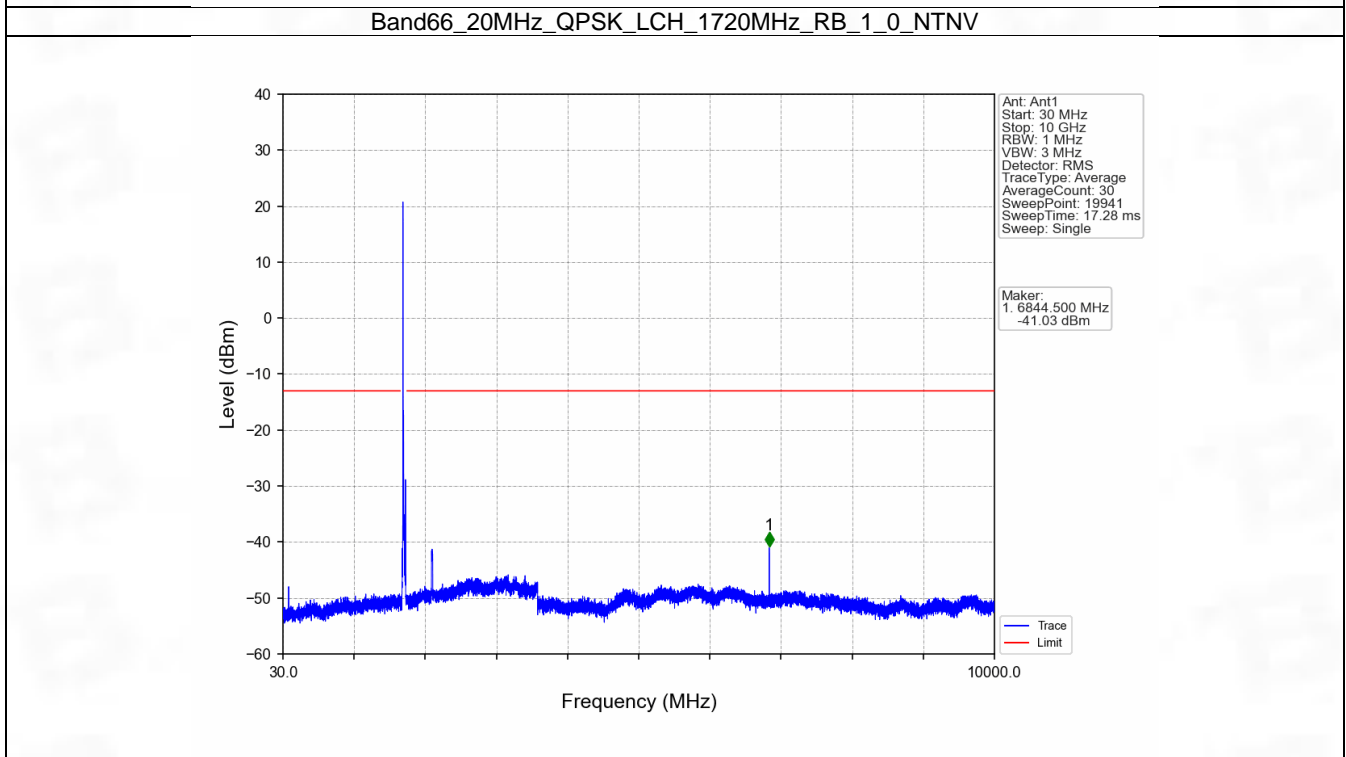
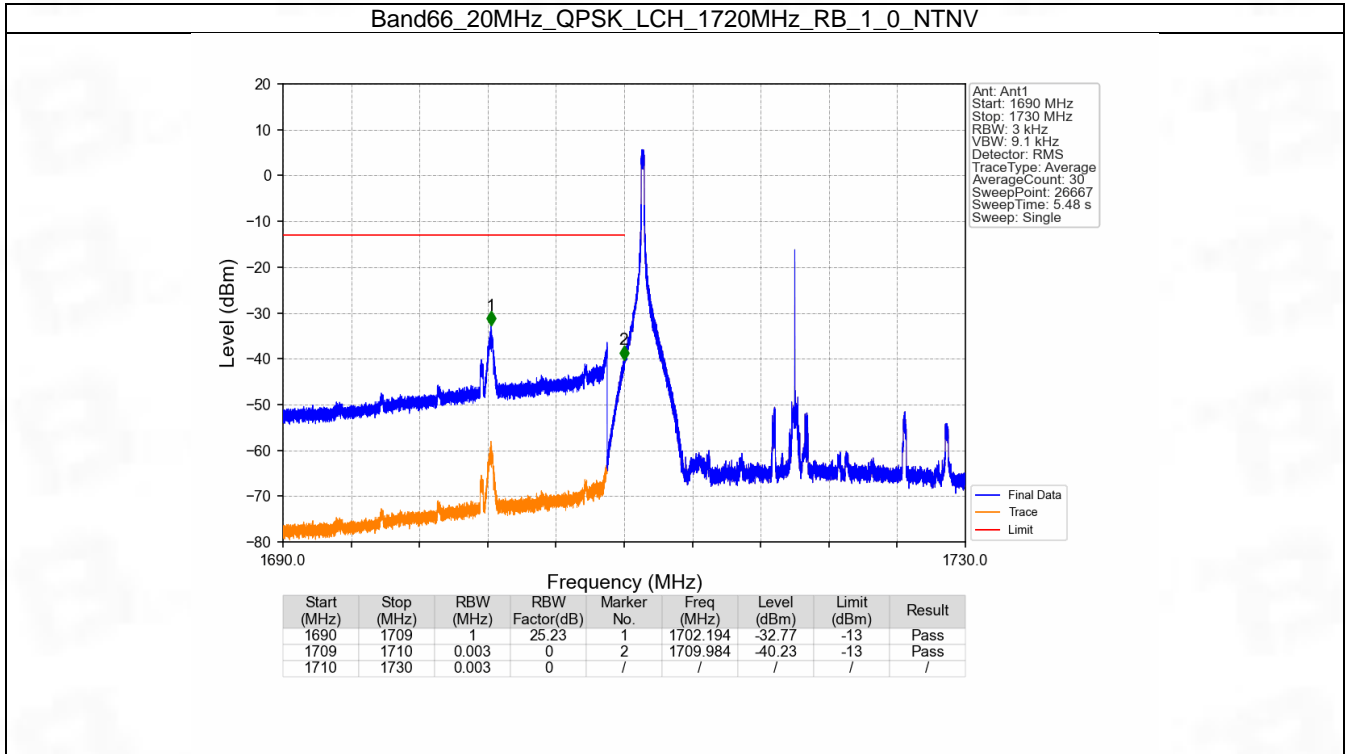
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.16	0	/	/	/	/	/
1780	1781	0.16	0	1	1780.060	-30.47	-13	Pass
1781	1795	1	7.96	2	1782.910	-24.61	-13	Pass

6.6 B66_20MHz

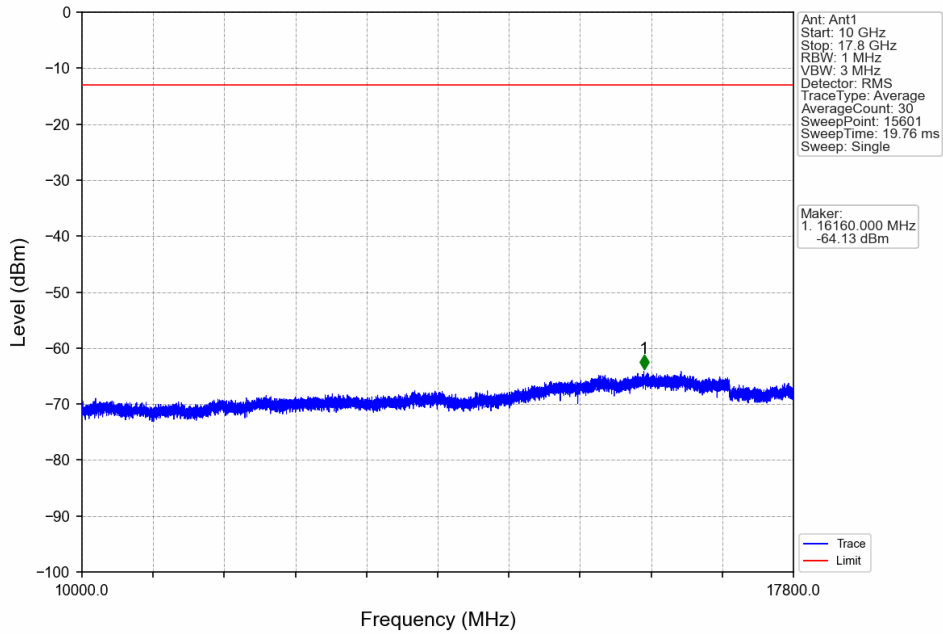
6.6.1 Test Result

Band: 66 / 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	
	1770	1745	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		100	99	Refer To Test Graph		Pass	
			0	Refer To Test Graph		Pass	
16QAM	1720	1	0	Refer To Test Graph		Pass	
		100	0	Refer To Test Graph		Pass	
	1770	1745	1	0	Refer To Test Graph		Pass
			1	0	Refer To Test Graph		Pass
		100	99	Refer To Test Graph		Pass	
			0	Refer To Test Graph		Pass	

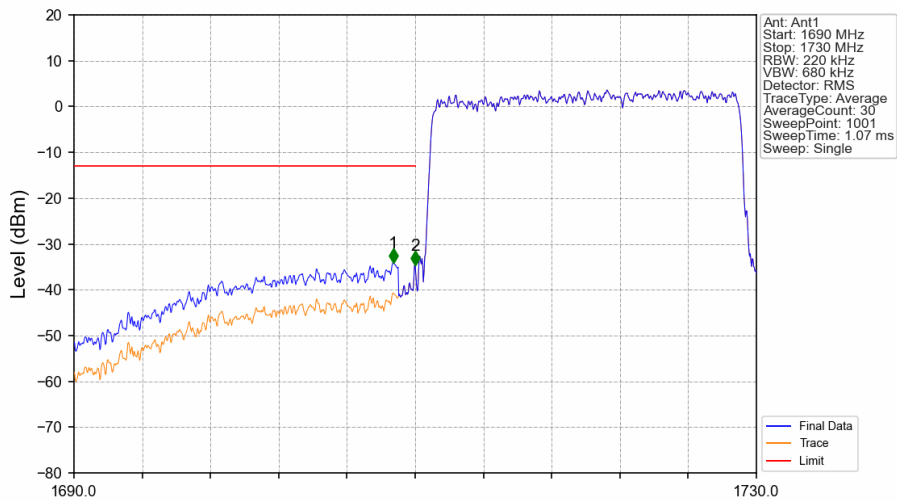
6.6.2 Test Graph



Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

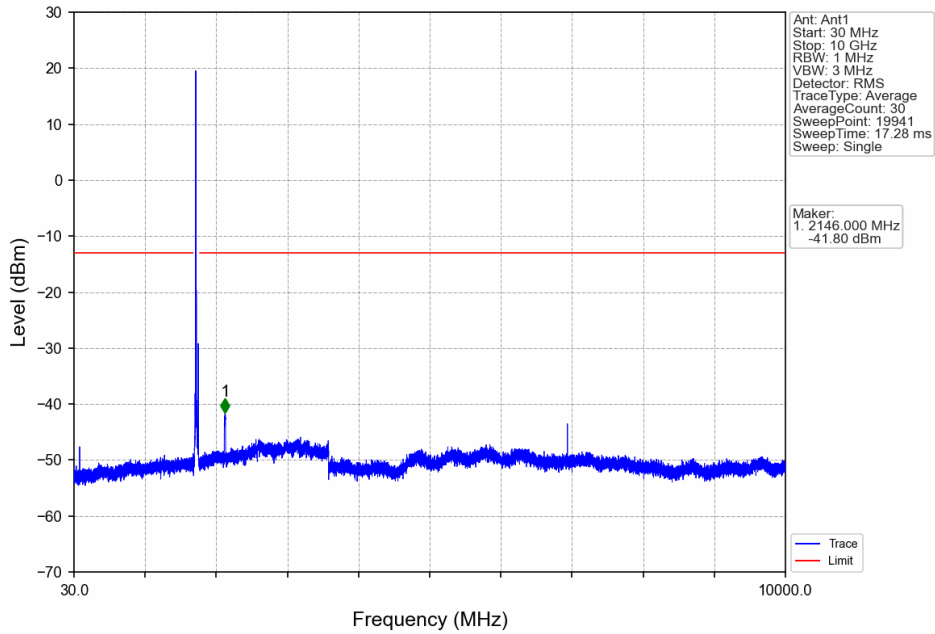


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

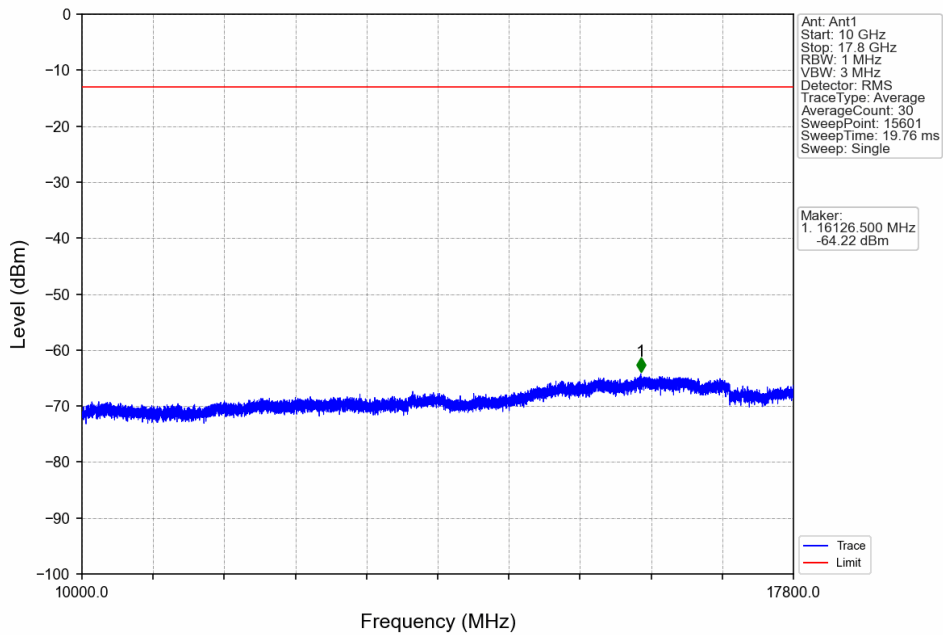


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.58	1	1708.720	-34.16	-13	Pass
1709	1710	0.22	0	2	1710.000	-34.70	-13	Pass
1710	1730	0.22	0	/	/	/	/	/

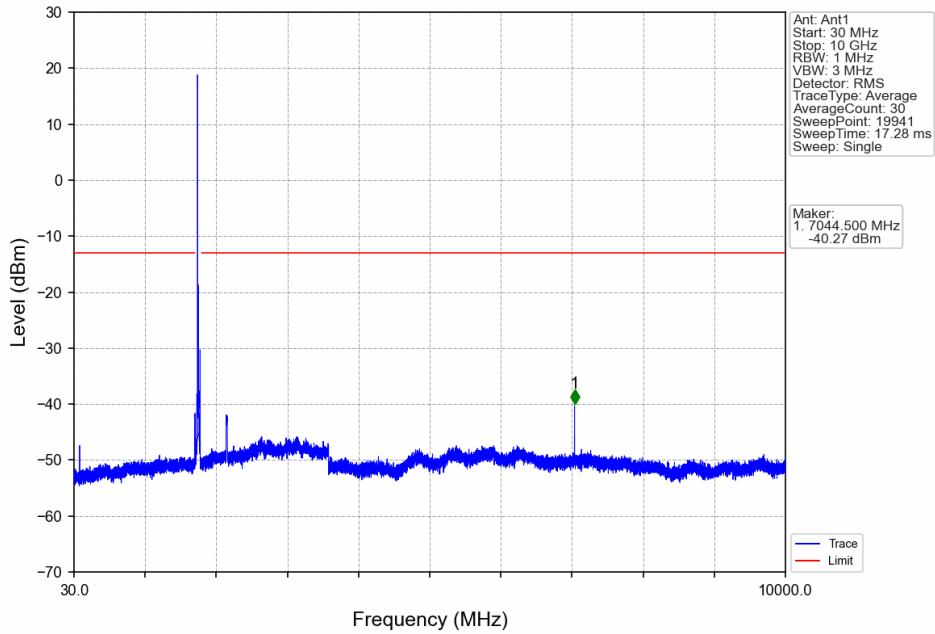
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



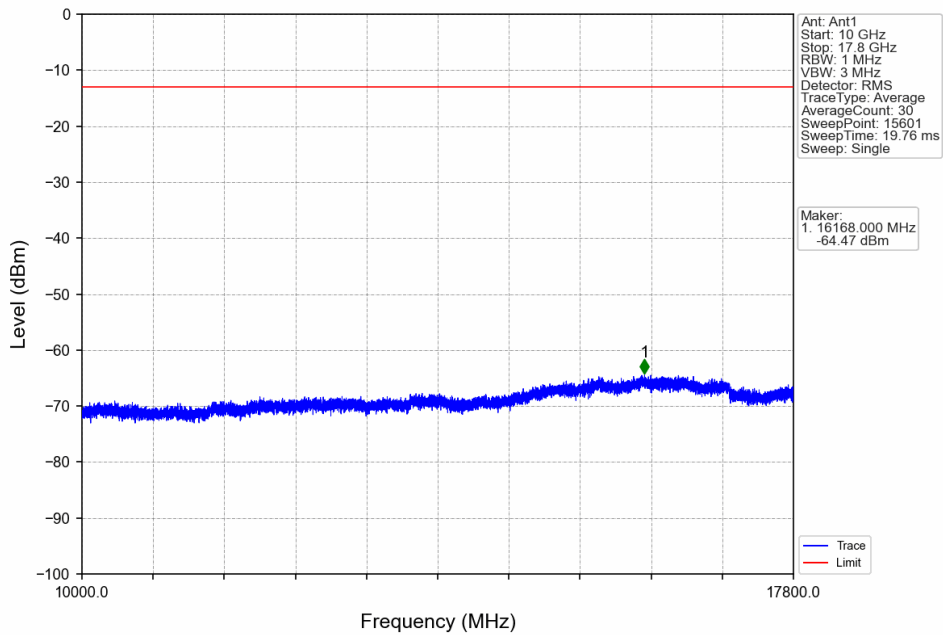
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



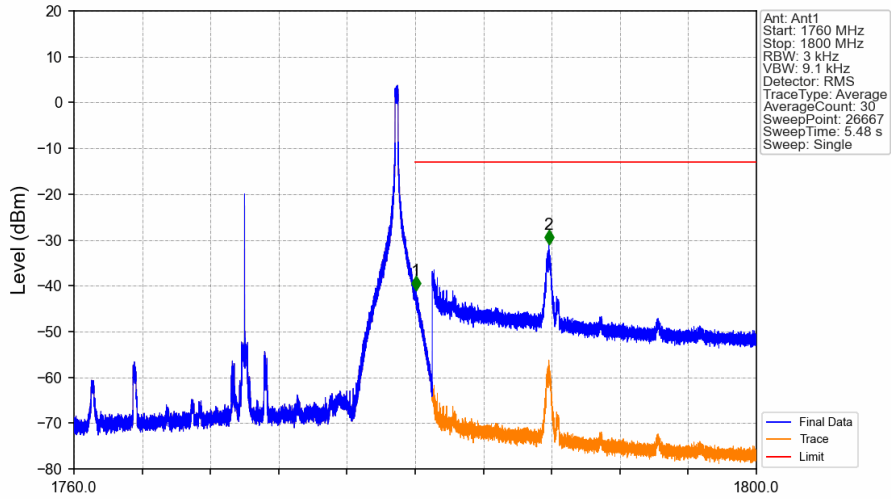
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV

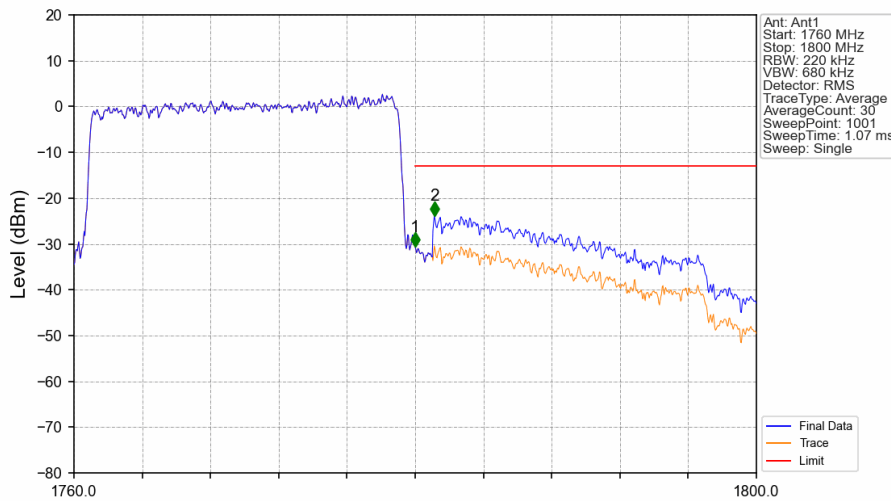


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



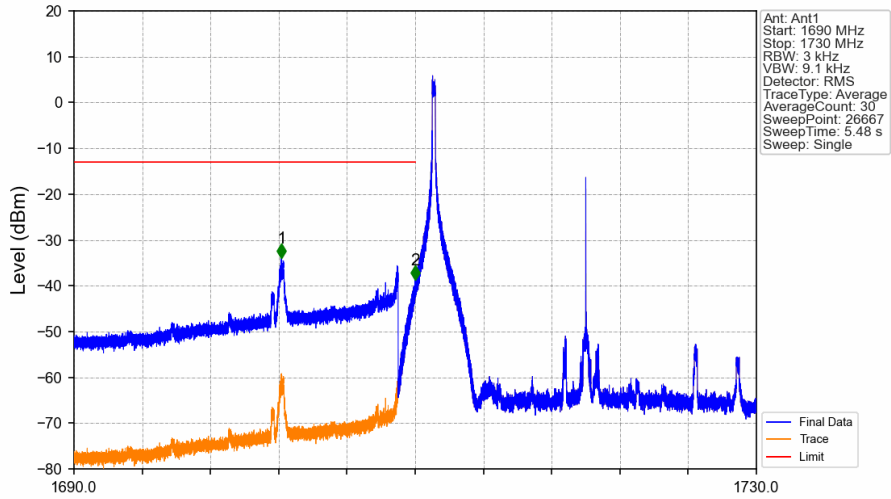
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.045	-41.06	-13	Pass
1781	1800	1	25.23	2	1787.833	-31.00	-13	Pass

Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



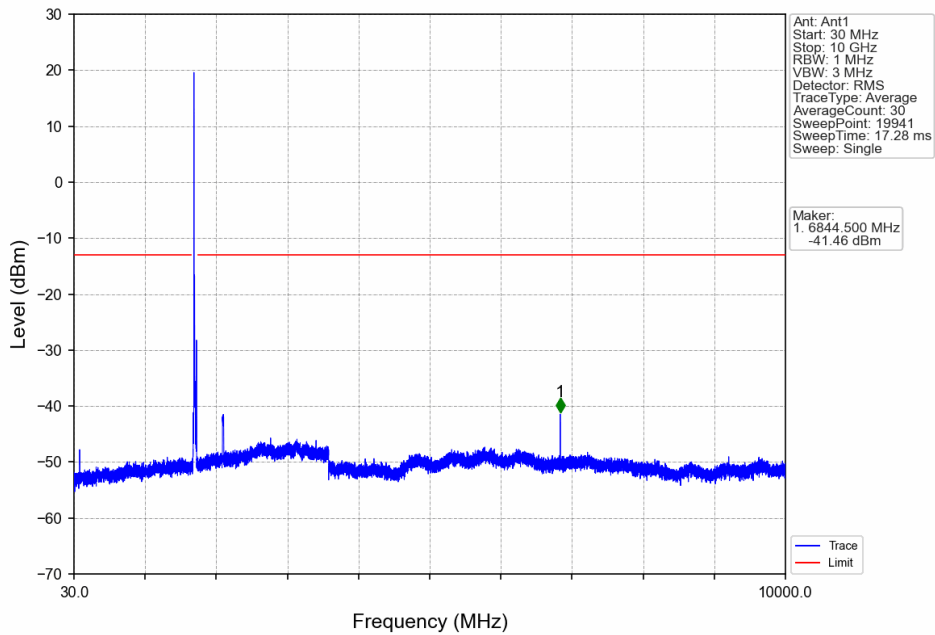
Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.22	0	/	/	/	/	/
1780	1781	0.22	0	1	1780.000	-30.62	-13	Pass
1781	1800	1	6.58	2	1781.120	-23.85	-13	Pass

Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	25.23	1	1702.165	-33.96	-13	Pass
1709	1710	0.003	0	2	1709.994	-38.75	-13	Pass
1710	1730	0.003	0	/	/	/	/	/

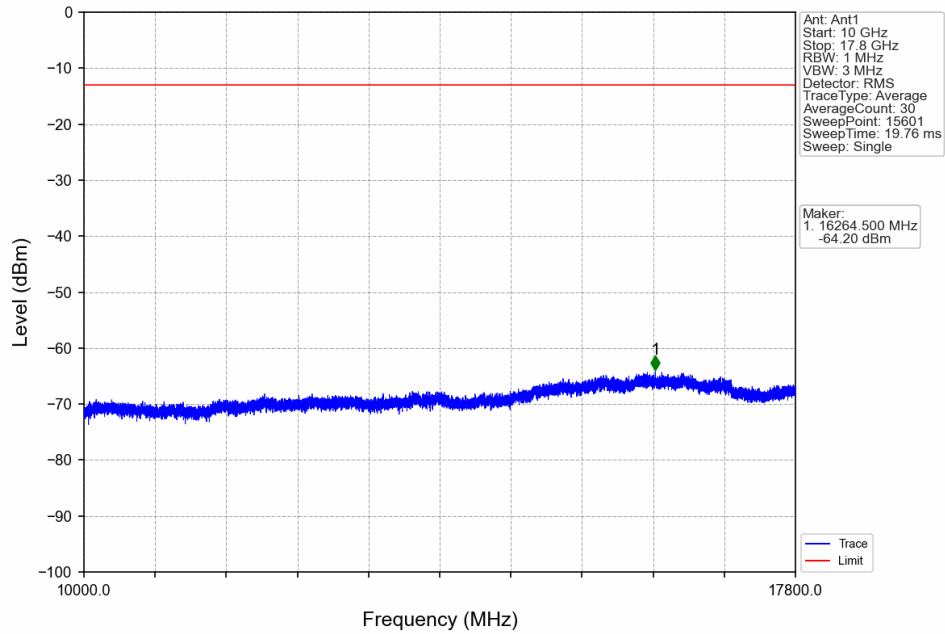
Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



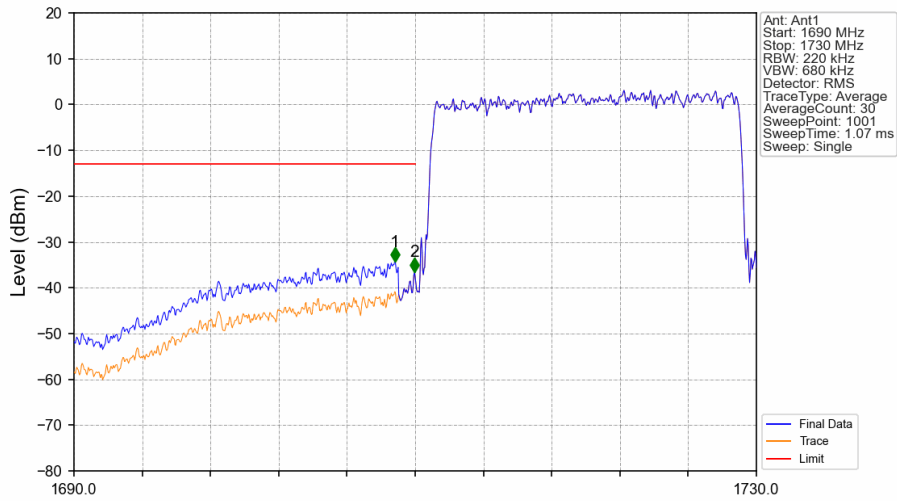
Ant: Ant1
 Start: 30 MHz
 Stop: 10 GHz
 RBW: 1 MHz
 VBW: 3 MHz
 Detector: RMS
 TraceType: Average
 AverageCount: 30
 SweepPoint: 19941
 SweepTime: 17.28 ms
 Sweep: Single

Marker:
 1: 6844.500 MHz
 -41.46 dBm

Band66_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

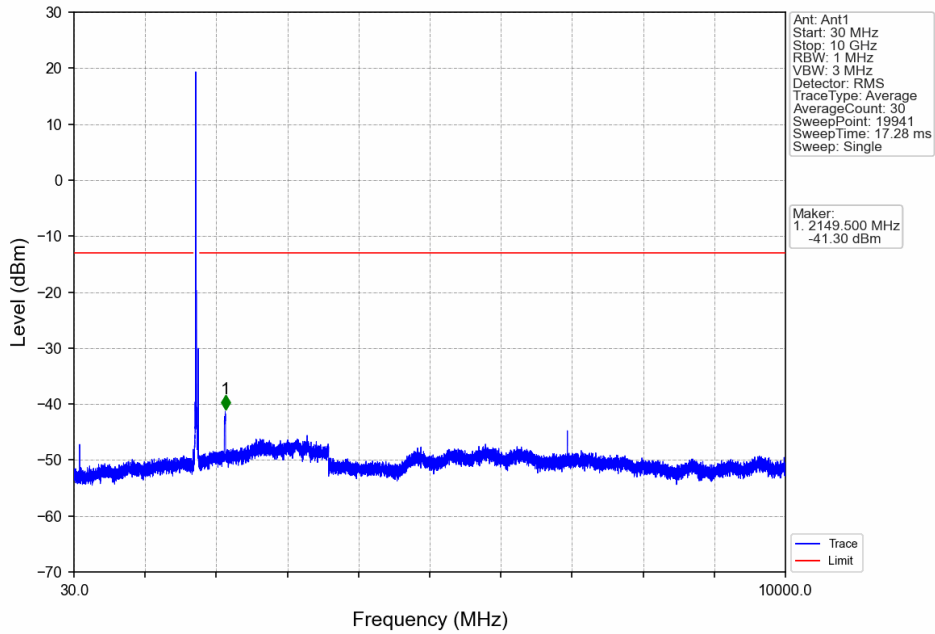


Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

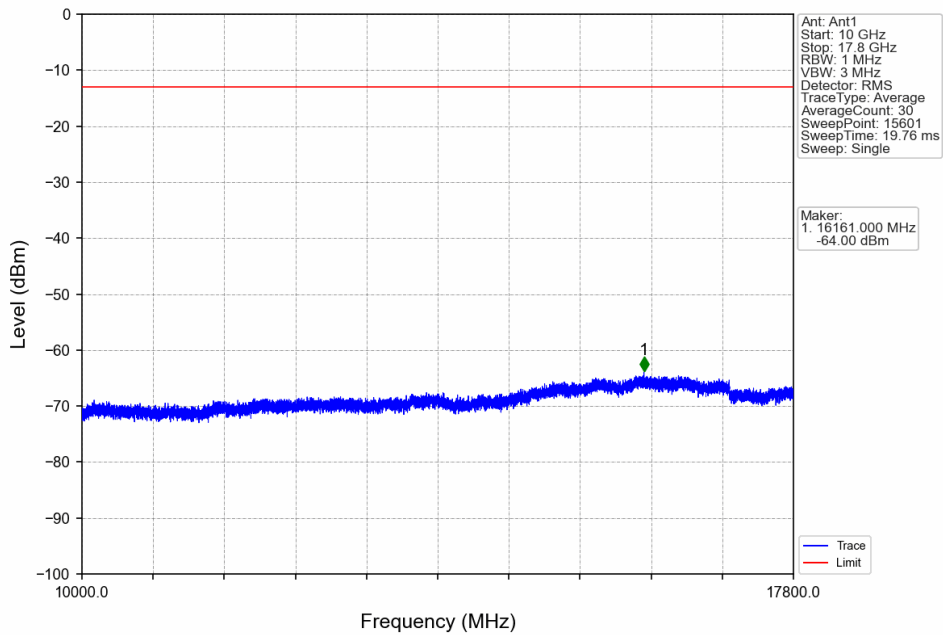


Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	6.58	1	1708.800	-34.31	-13	Pass
1709	1710	0.22	0	2	1709.960	-36.52	-13	Pass
1710	1730	0.22	0	/	/	/	/	/

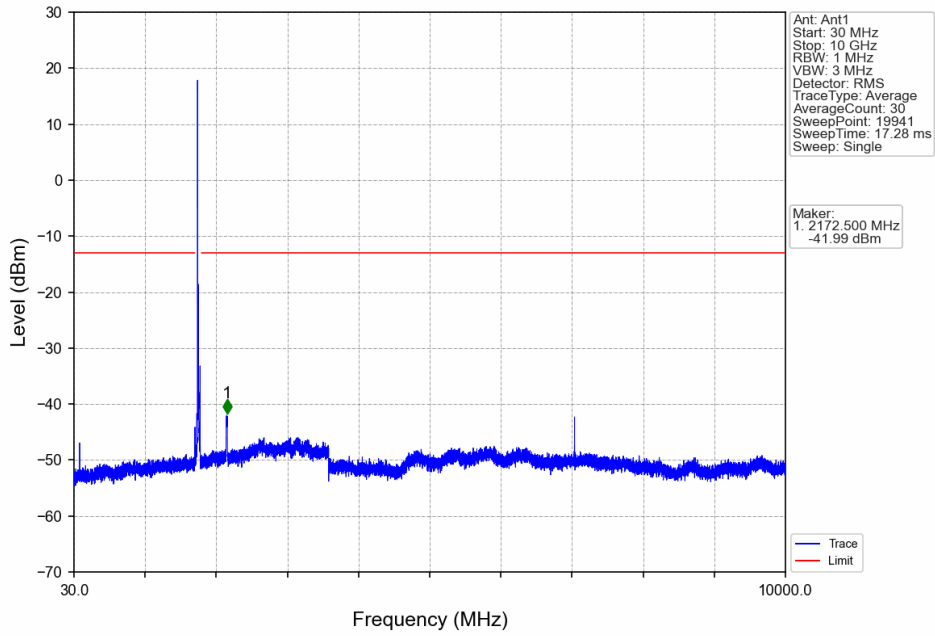
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



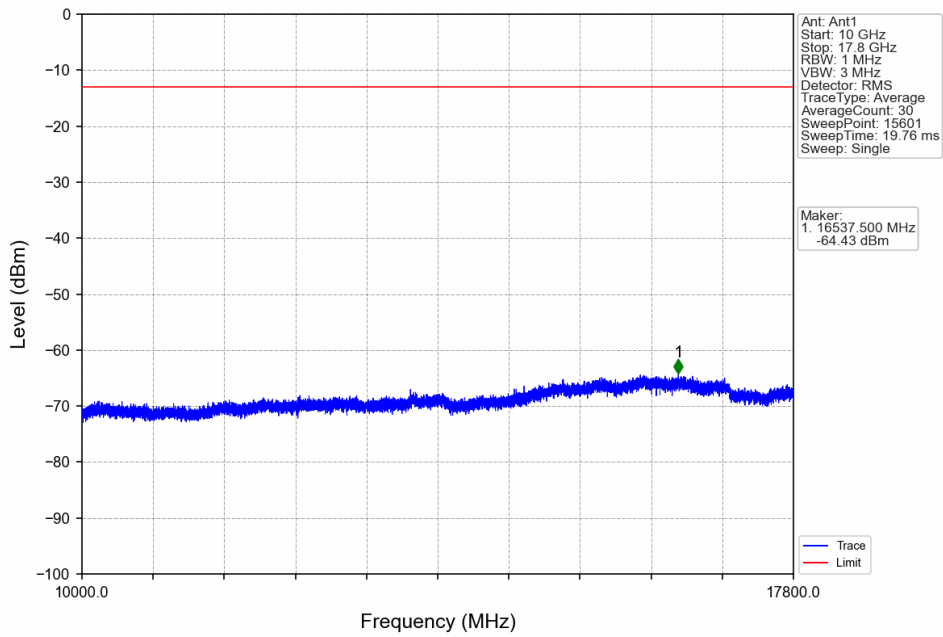
Band66_20MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV



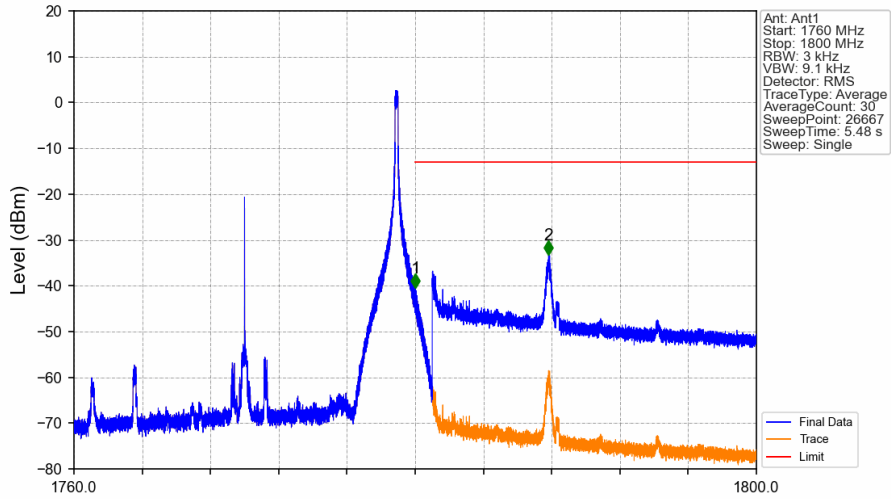
Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_1_0_NTNV

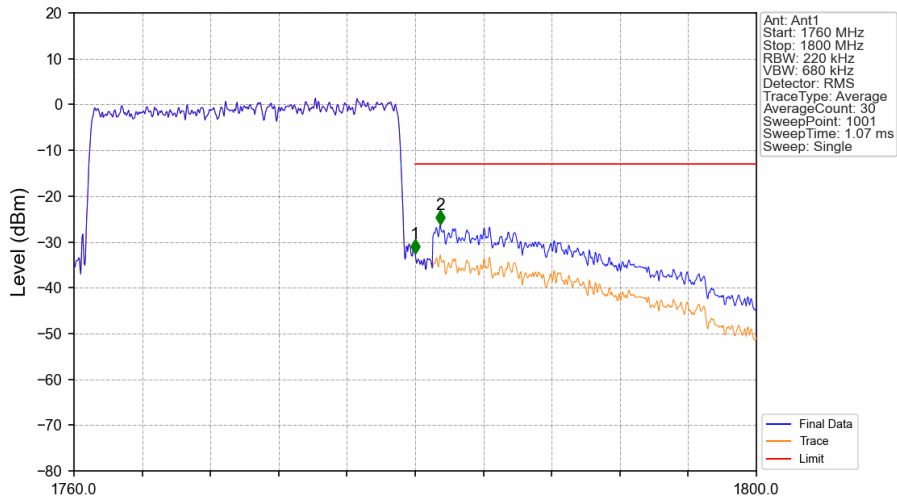


Band66_20MHz_16QAM_HCH_1770MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	0	/	/	/	/	/
1780	1781	0.003	0	1	1780.005	-40.56	-13	Pass
1781	1800	1	25.23	2	1787.818	-33.27	-13	Pass

Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	RBW Factor(dB)	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.22	0	/	/	/	/	/
1780	1781	0.22	0	1	1780.000	-32.57	-13	Pass
1781	1800	1	6.58	2	1781.480	-26.28	-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)
66	1.4	1710.7	1779.3	0.2393	0.0116	ppm	1M11G7D	27L	23.79
66	1.4	1710.7	1779.3	0.1972	0.0142	ppm	1M11W7D	27L	22.95
66	3	1711.5	1778.5	0.2477	0.0102	ppm	2M73G7D	27L	23.94
66	3	1711.5	1778.5	0.2198	0.0090	ppm	2M73W7D	27L	23.42
66	5	1712.5	1777.5	0.2382	0.0104	ppm	4M57G7D	27L	23.77
66	5	1712.5	1777.5	0.1766	0.0075	ppm	4M60W7D	27L	22.47
66	10	1715	1775	0.2477	0.0088	ppm	9M12G7D	27L	23.94
66	10	1715	1775	0.1972	0.0052	ppm	9M10W7D	27L	22.95
66	15	1717.5	1772.5	0.2084	0.0071	ppm	13M7G7D	27L	23.19
66	15	1717.5	1772.5	0.1919	0.0068	ppm	13M6W7D	27L	22.83
66	20	1720	1770	0.2148	0.0120	ppm	18M2G7D	27L	23.32
66	20	1720	1770	0.1837	0.0059	ppm	18M2W7D	27L	22.64

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)
66	1.4	1710.7	1779.3	0.2636	0.0116	ppm	1M11G7D	27L	24.21
66	1.4	1710.7	1779.3	0.2173	0.0142	ppm	1M11W7D	27L	23.37
66	3	1711.5	1778.5	0.2729	0.0102	ppm	2M73G7D	27L	24.36
66	3	1711.5	1778.5	0.2421	0.0090	ppm	2M73W7D	27L	23.84
66	5	1712.5	1777.5	0.2624	0.0104	ppm	4M57G7D	27L	24.19
66	5	1712.5	1777.5	0.1945	0.0075	ppm	4M60W7D	27L	22.89
66	10	1715	1775	0.2729	0.0088	ppm	9M12G7D	27L	24.36
66	10	1715	1775	0.2173	0.0052	ppm	9M10W7D	27L	23.37
66	15	1717.5	1772.5	0.2296	0.0071	ppm	13M7G7D	27L	23.61
66	15	1717.5	1772.5	0.2113	0.0068	ppm	13M6W7D	27L	23.25
66	20	1720	1770	0.2366	0.0120	ppm	18M2G7D	27L	23.74
66	20	1720	1770	0.2023	0.0059	ppm	18M2W7D	27L	23.06