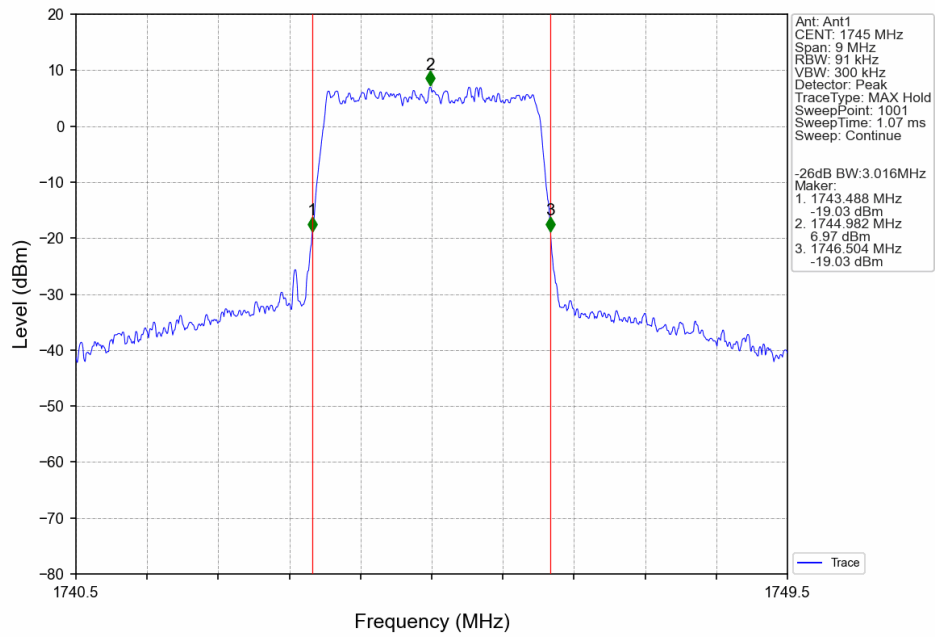
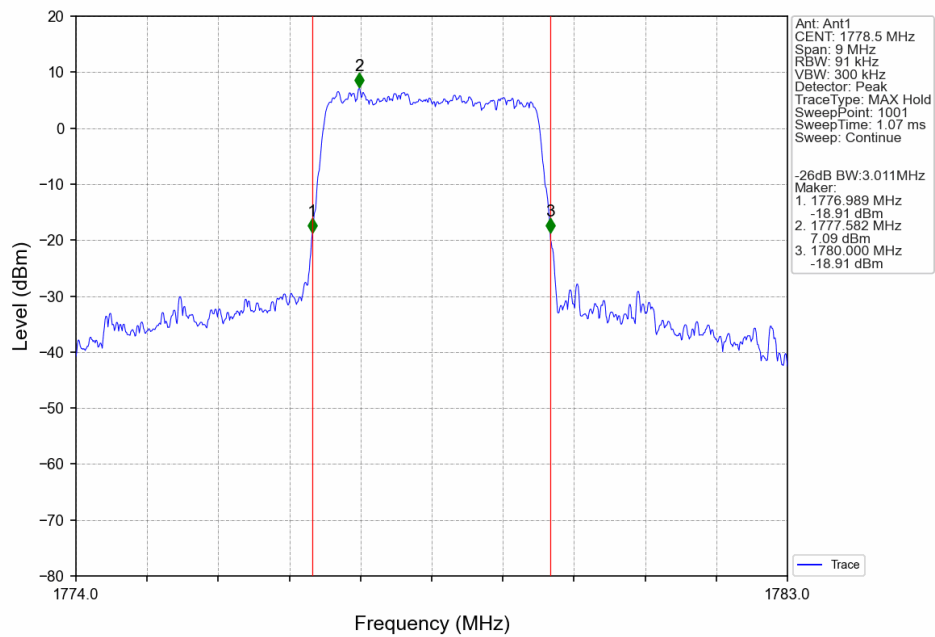




Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV

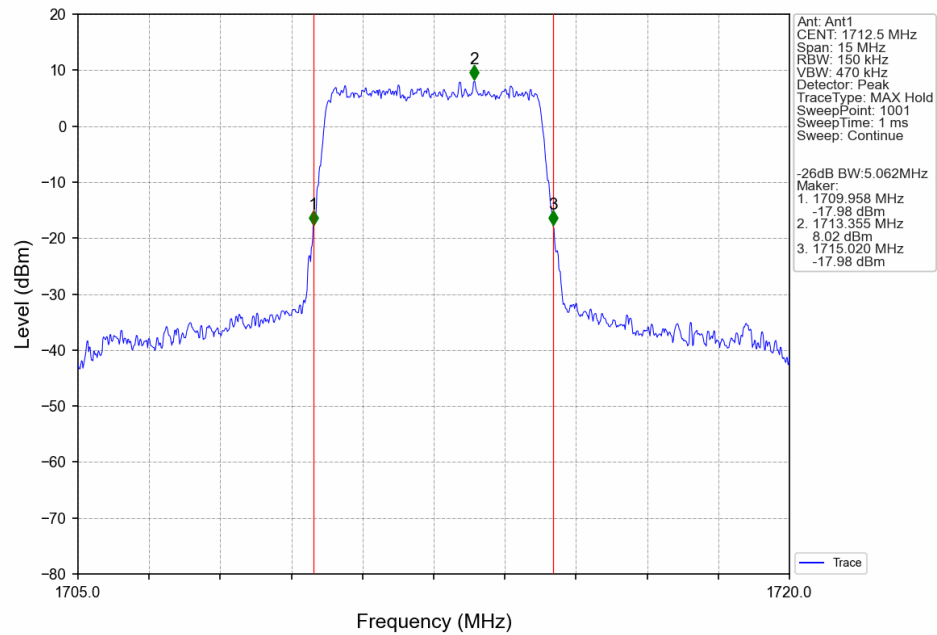


Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

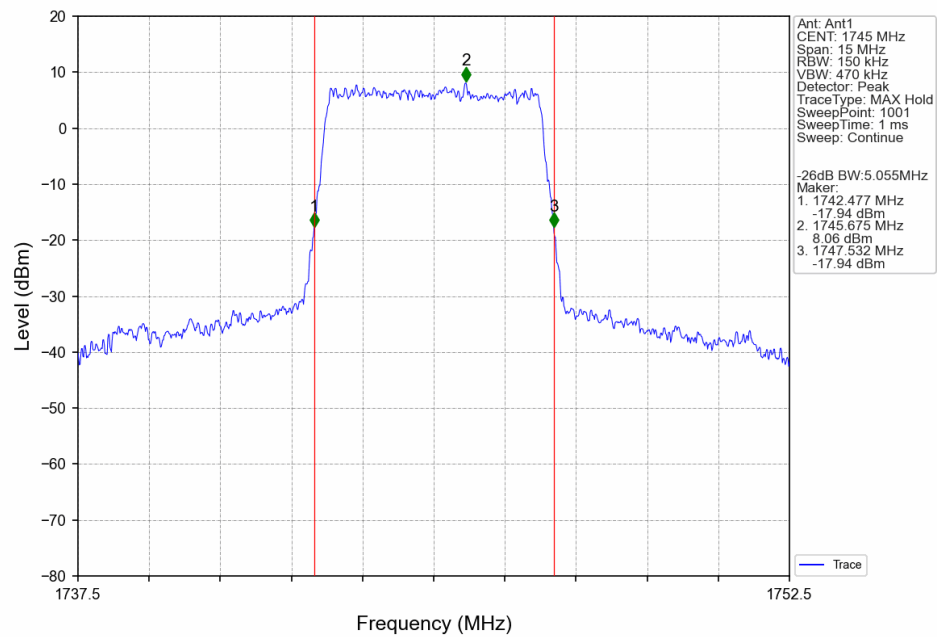




Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

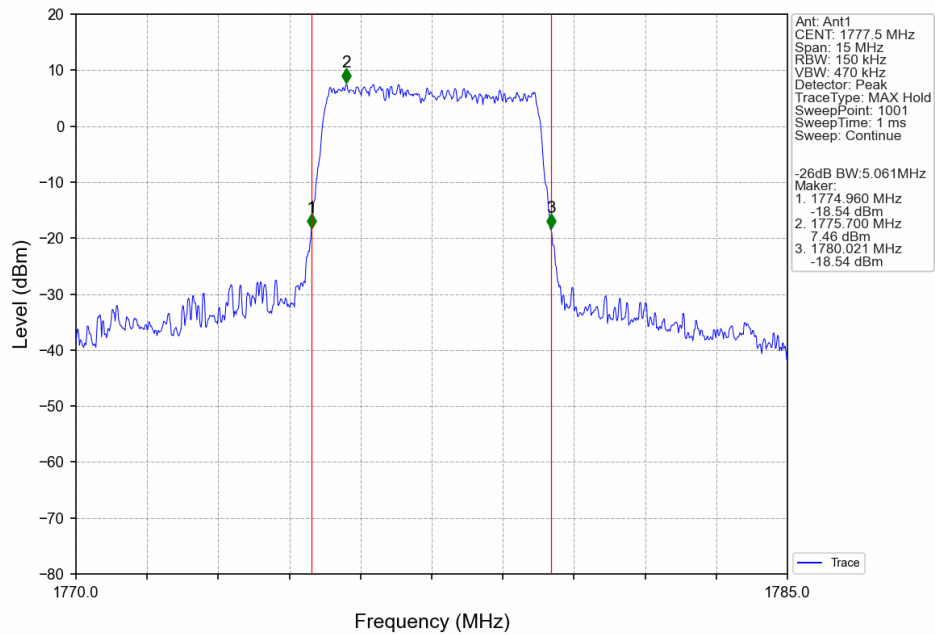


Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV

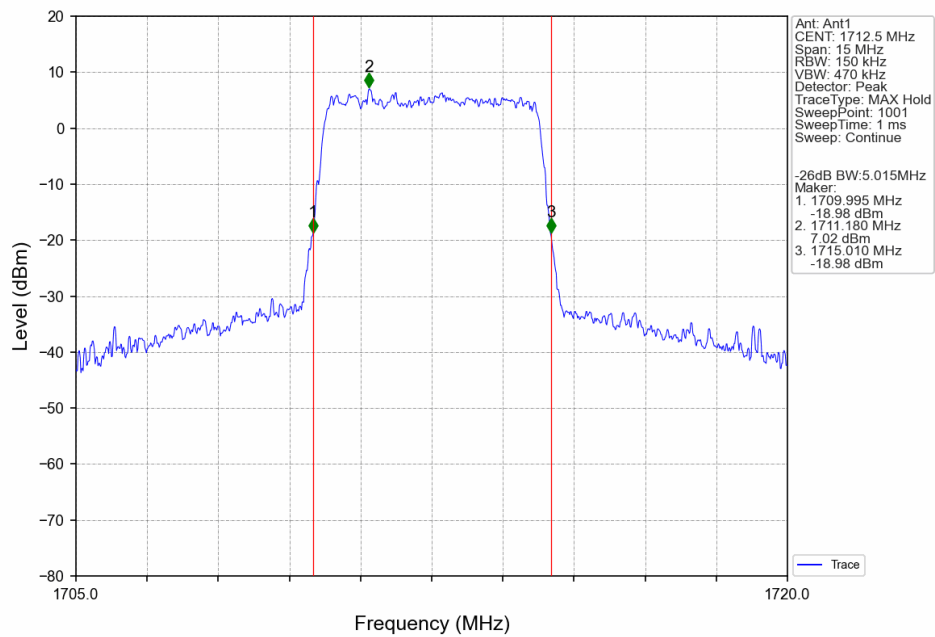




Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV

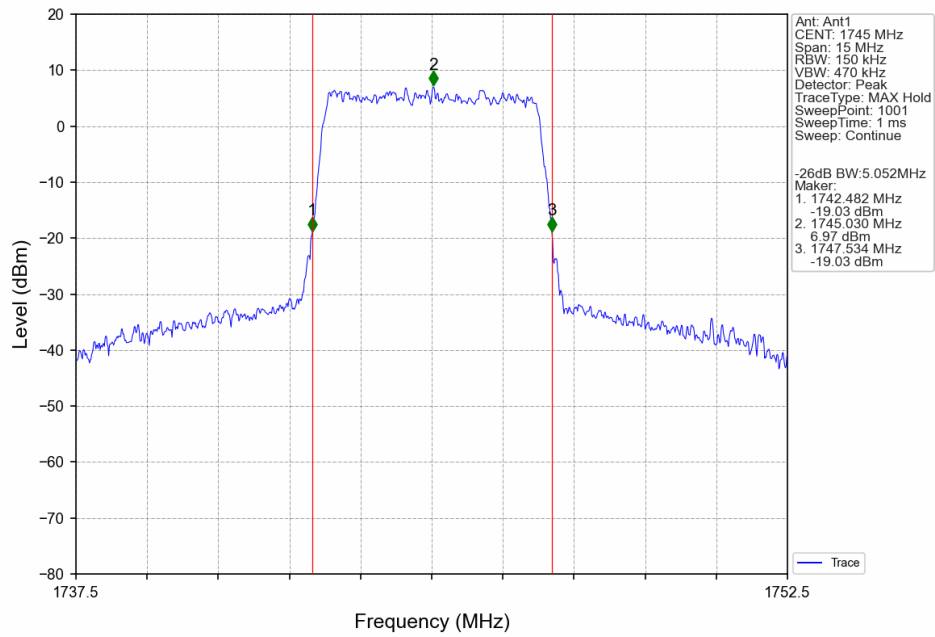


Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

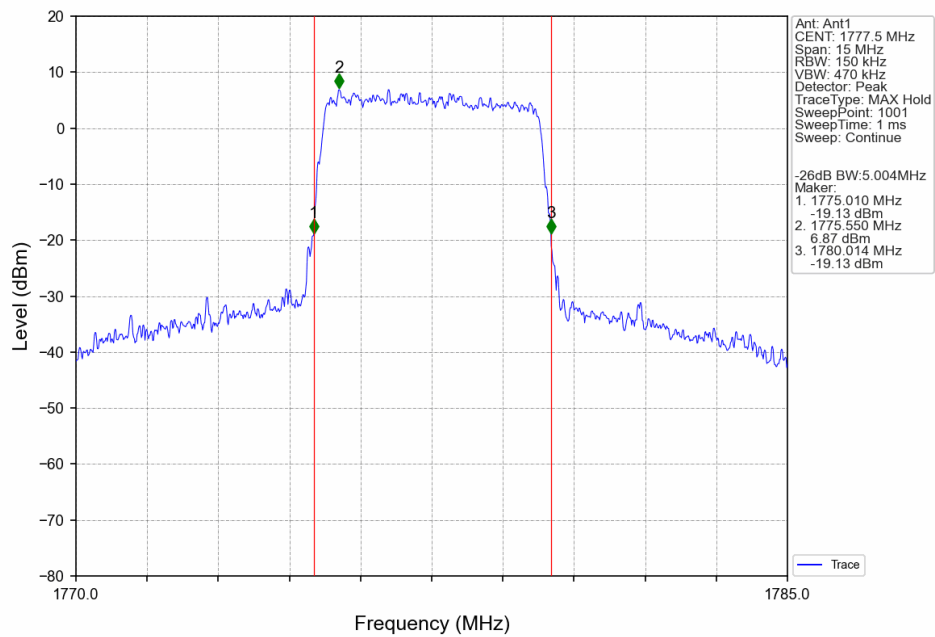




Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV

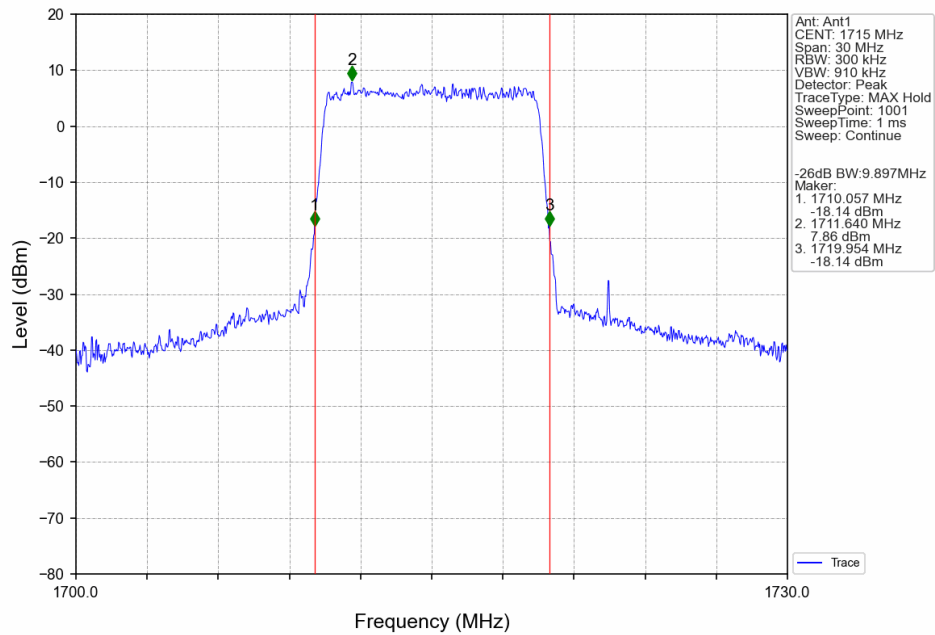


Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

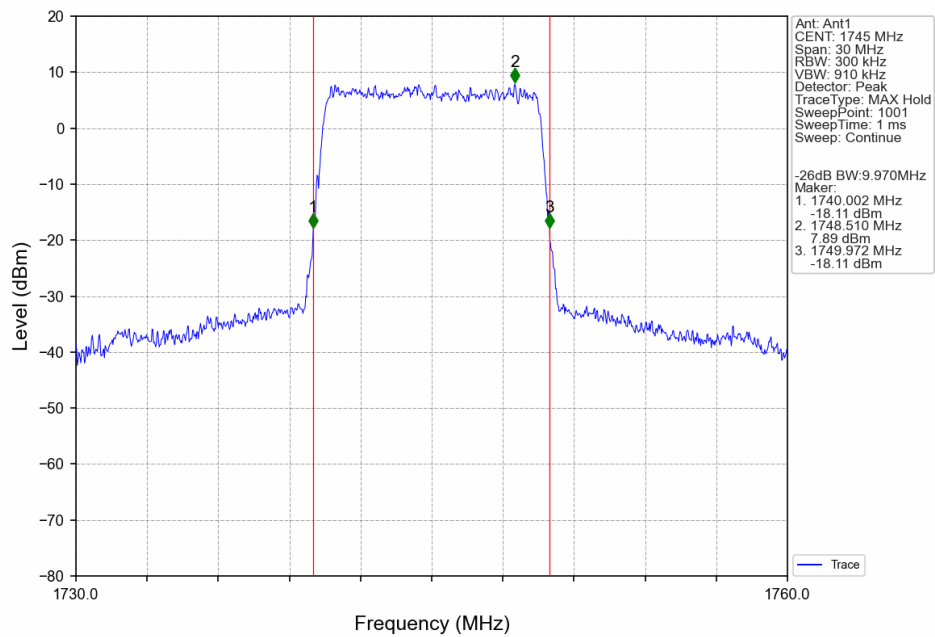




Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

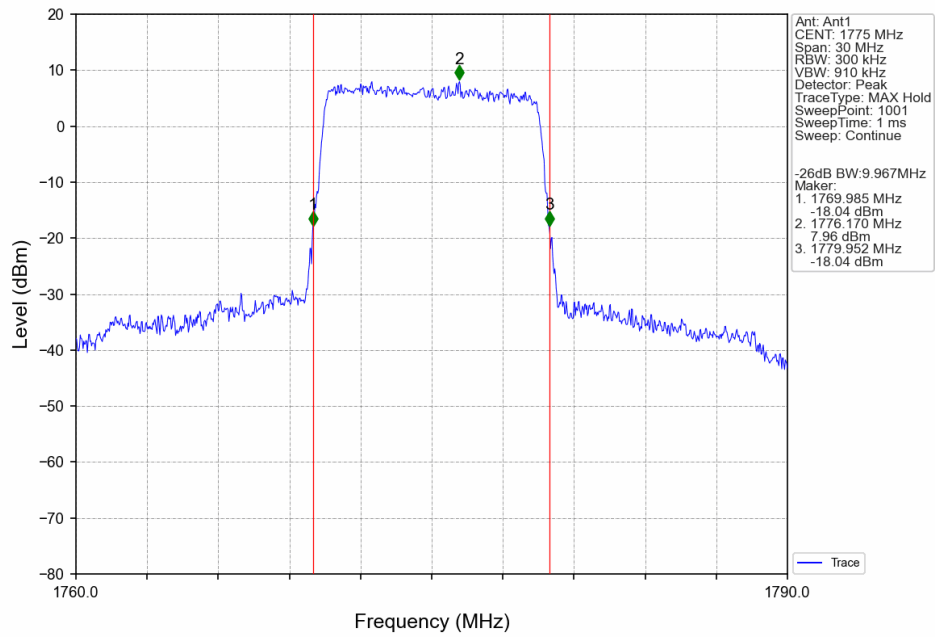


Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV

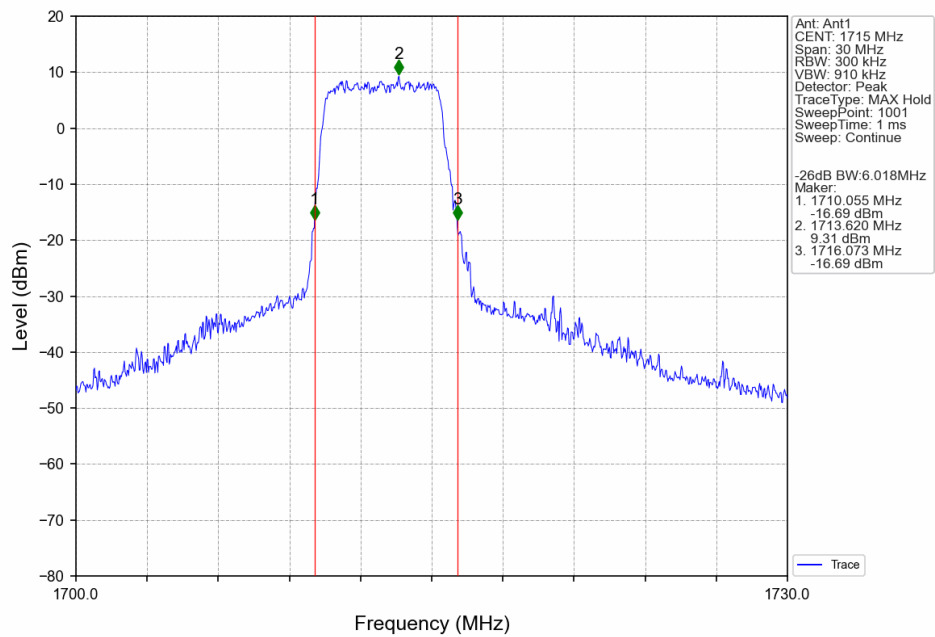




Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

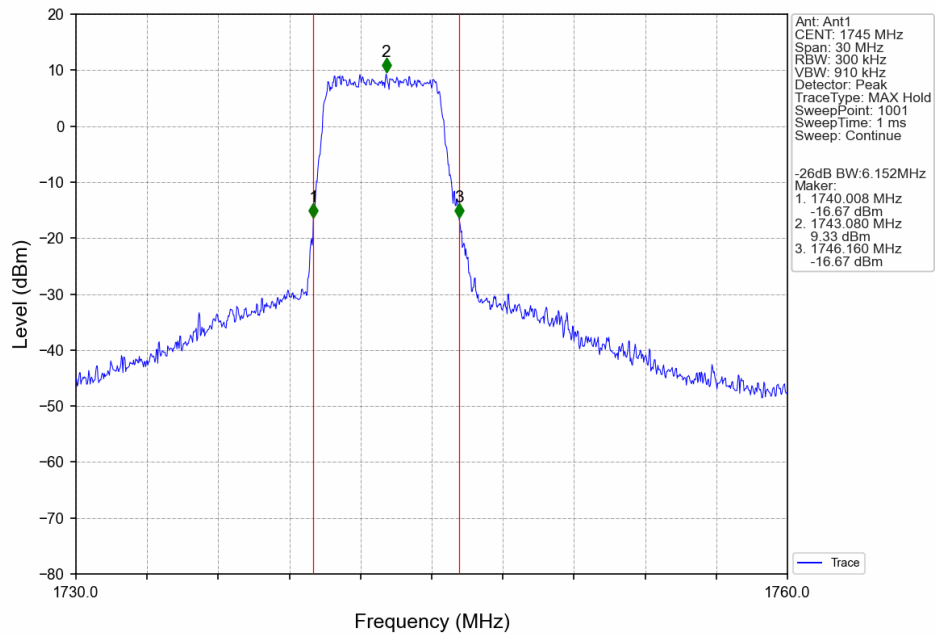


Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV

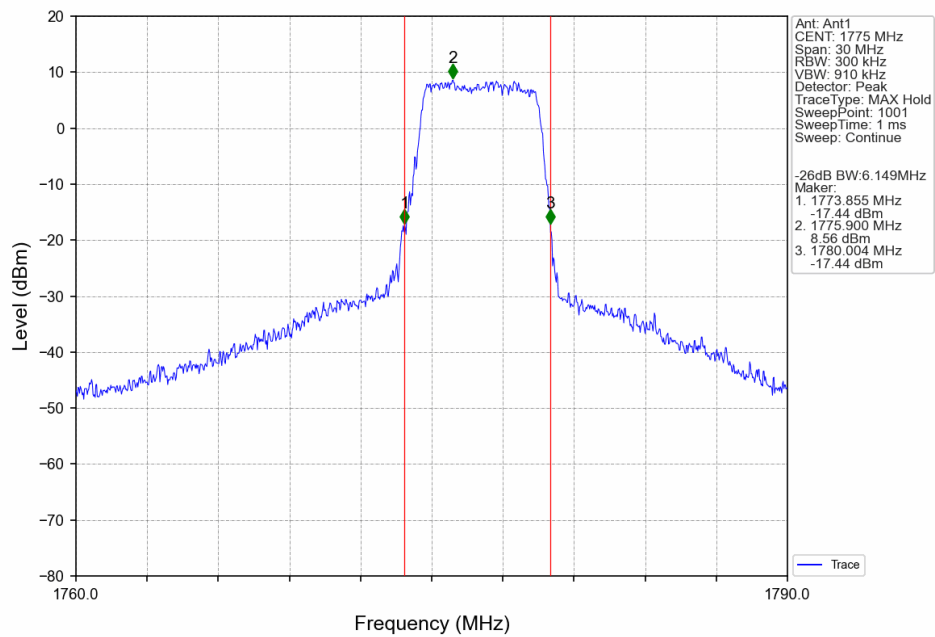




Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



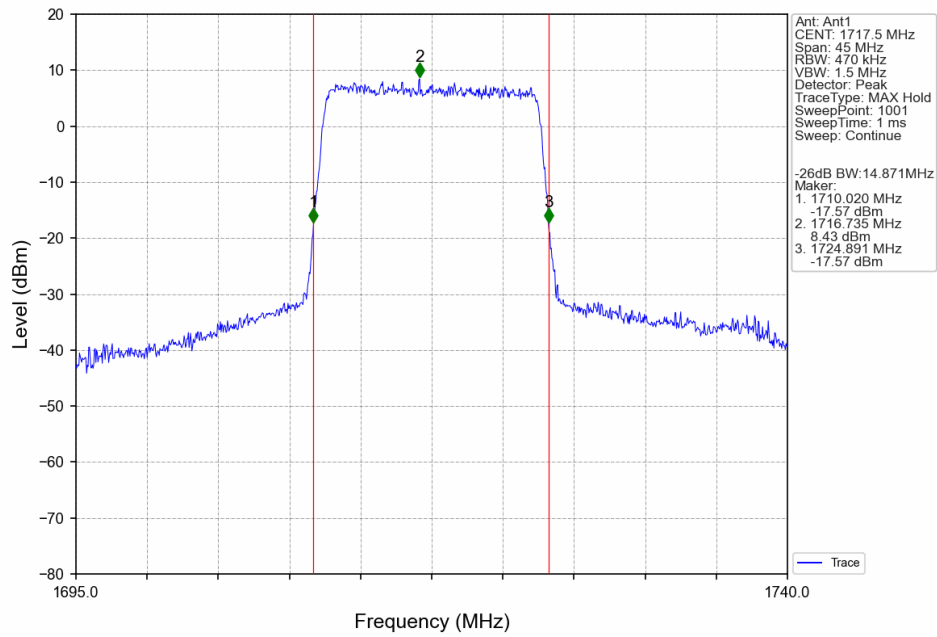
Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV



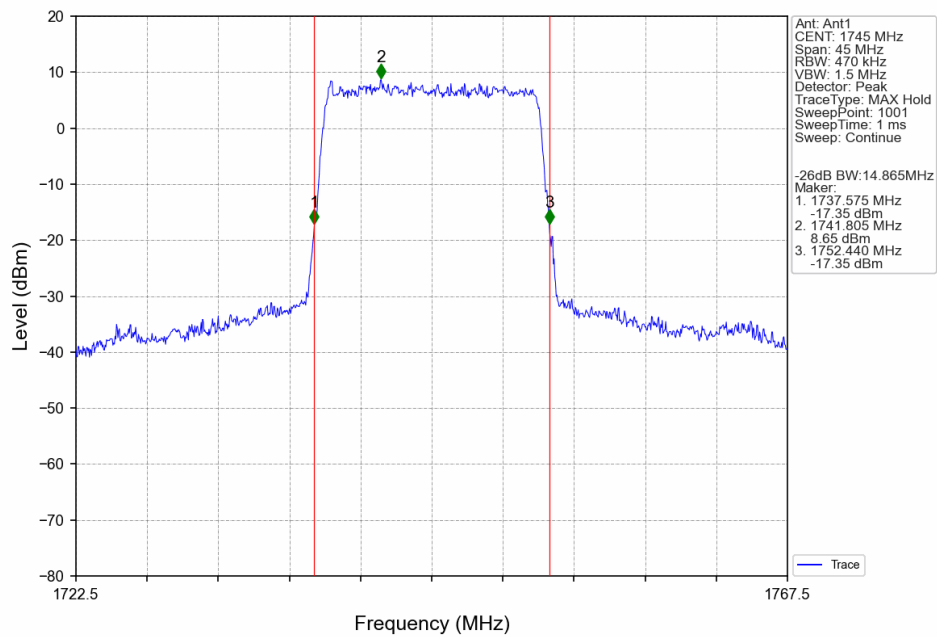


4

Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

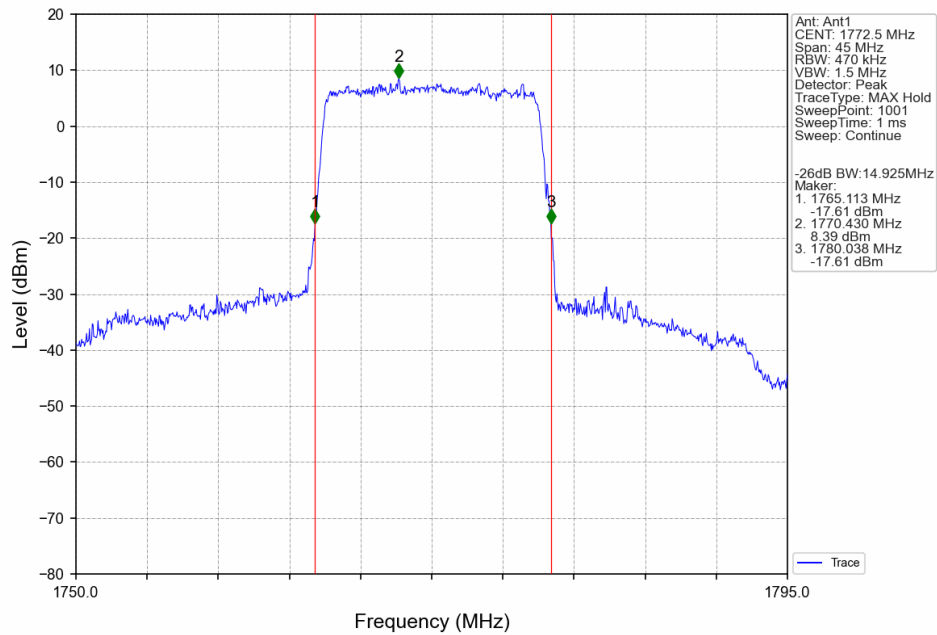


Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV

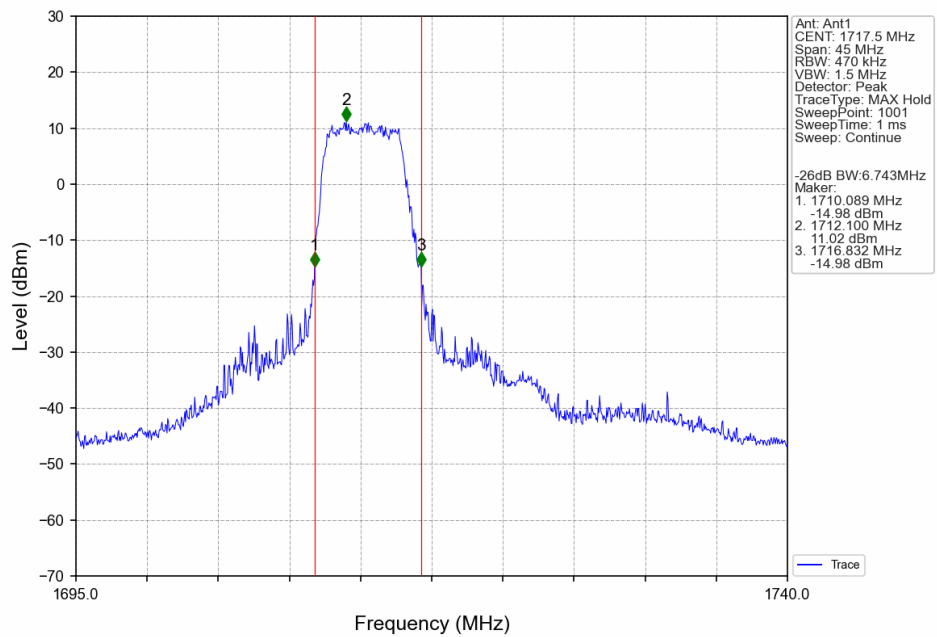




Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV

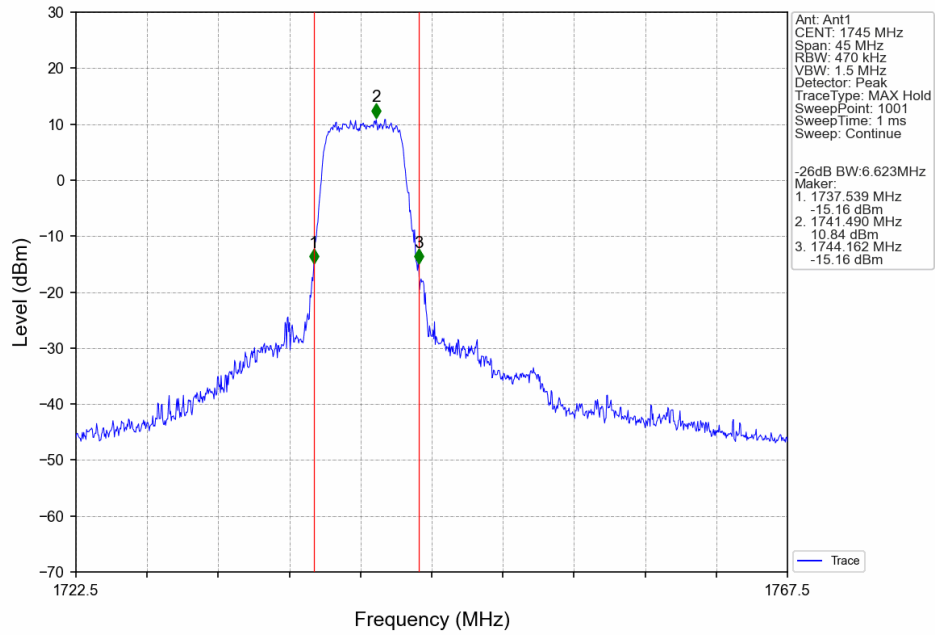


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV

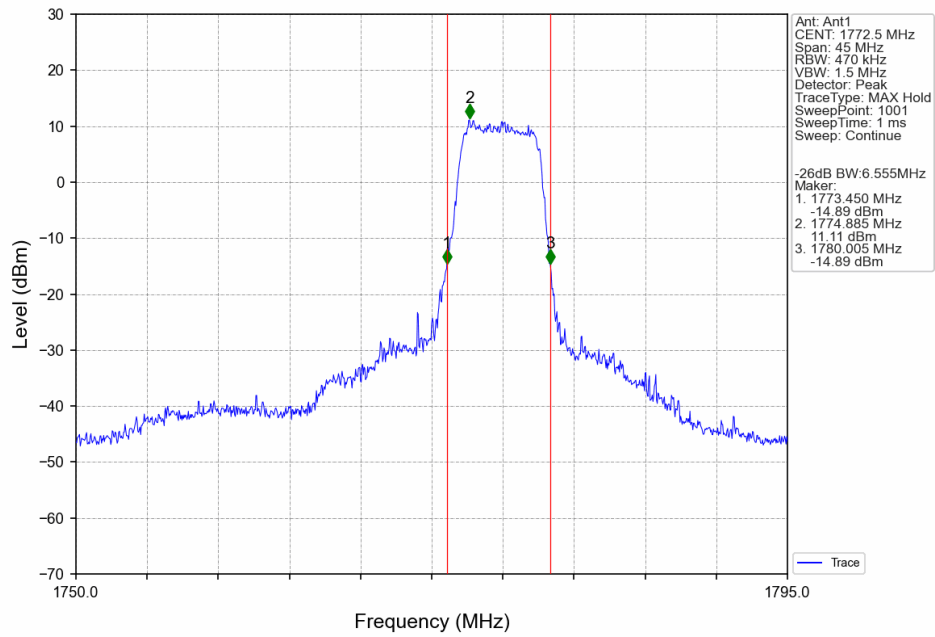




Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV

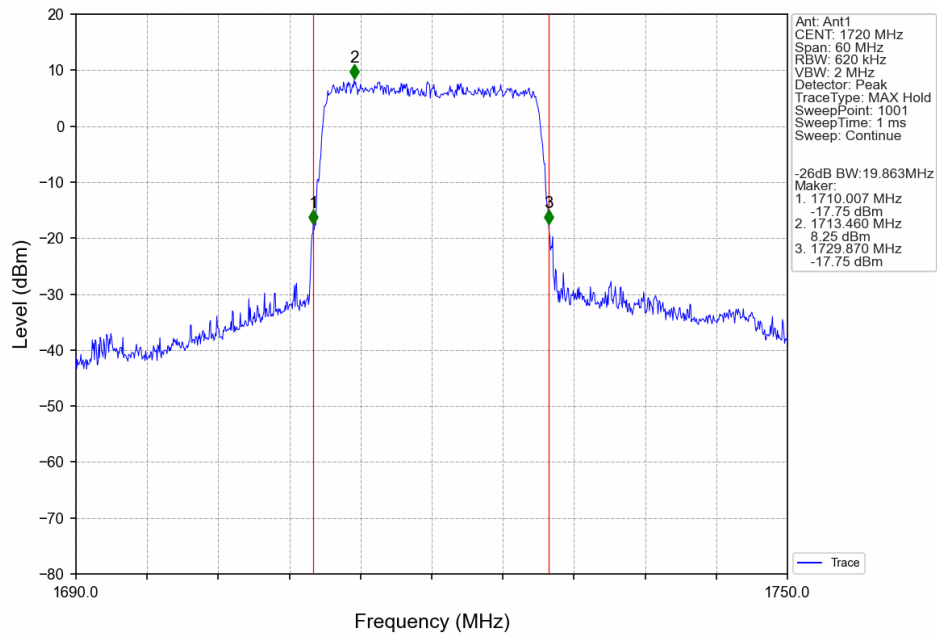


Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV

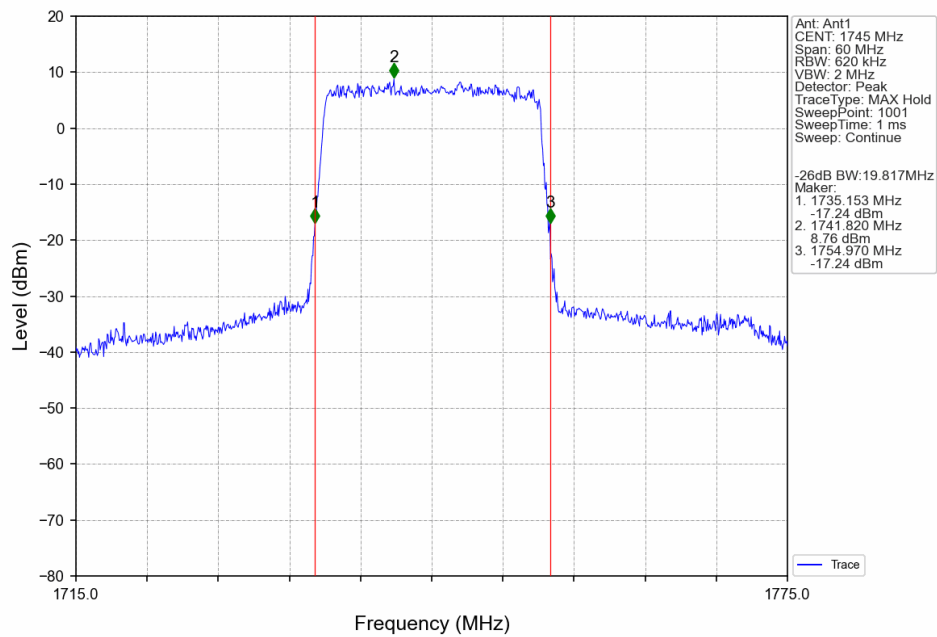




Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

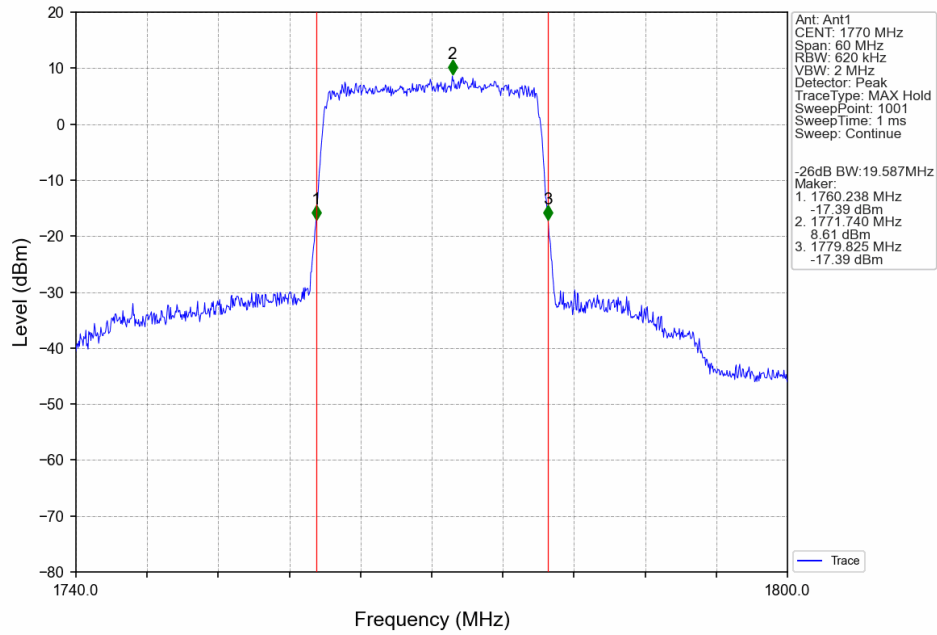


Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV

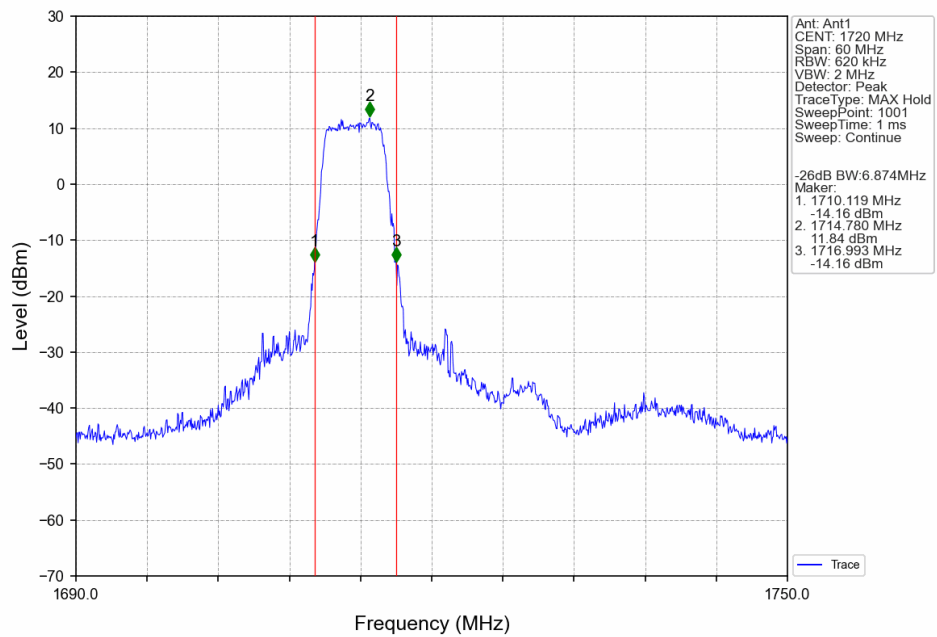




Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



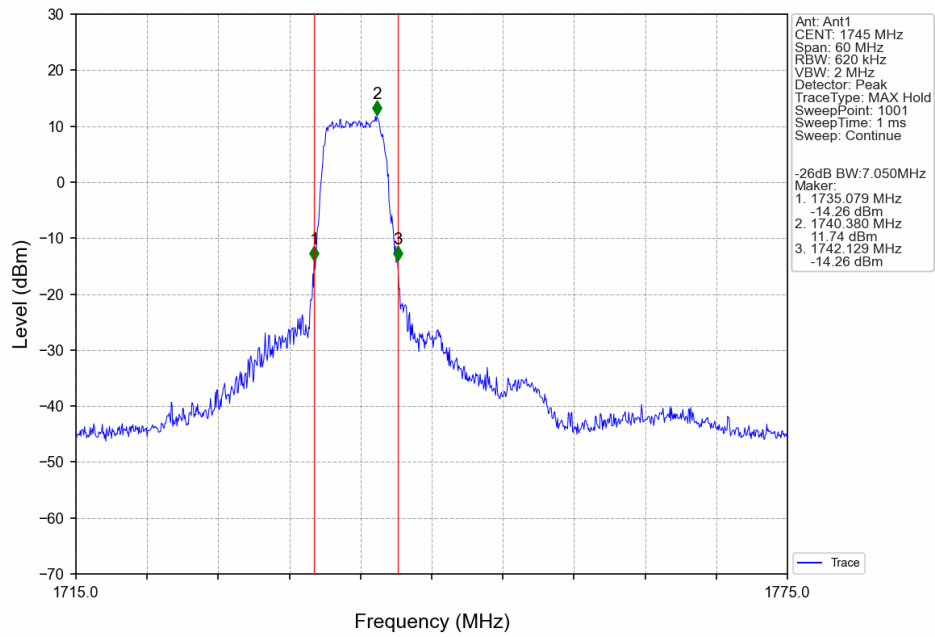
Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV



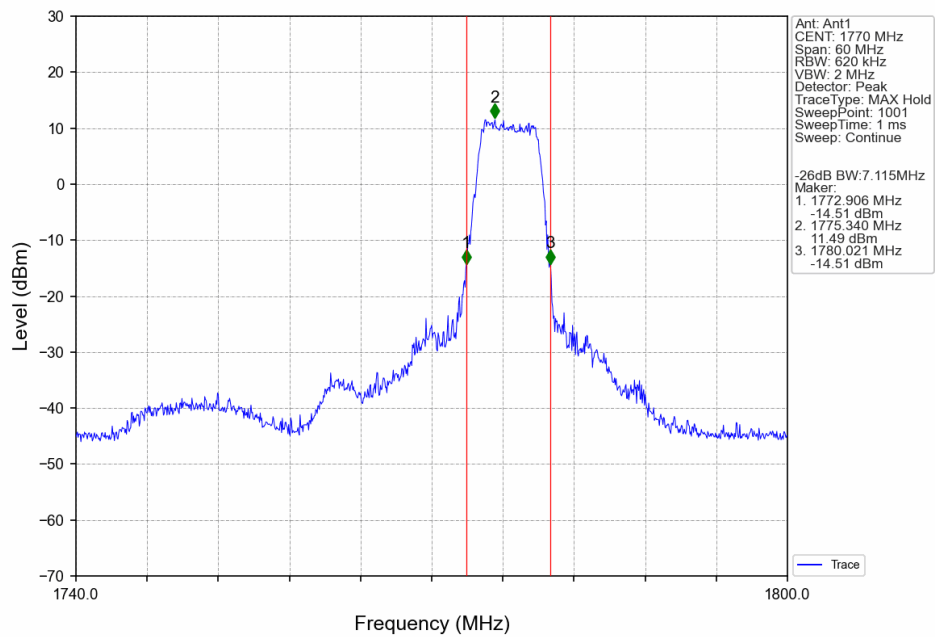


4

Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.59	<=13	Pass
	1745	6	0	5.71	<=13	Pass
	1779.3	6	0	5.67	<=13	Pass
16QAM	1710.7	6	0	6.44	<=13	Pass
	1745	6	0	6.47	<=13	Pass
	1779.3	6	0	6.39	<=13	Pass

5.1.2 B66_3MHz

Band: 66 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.83	<=13	Pass
	1745	15	0	5.87	<=13	Pass
	1778.5	15	0	5.76	<=13	Pass
16QAM	1711.5	15	0	6.63	<=13	Pass
	1745	15	0	6.69	<=13	Pass
	1778.5	15	0	6.60	<=13	Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.85	<=13	Pass
	1745	25	0	5.85	<=13	Pass
	1777.5	25	0	5.81	<=13	Pass
16QAM	1712.5	25	0	6.55	<=13	Pass
	1745	25	0	6.62	<=13	Pass
	1777.5	25	0	6.54	<=13	Pass

5.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.78	<=13	Pass
	1745	50	0	5.80	<=13	Pass
	1775	50	0	5.62	<=13	Pass
16QAM	1715	27	0	6.56	<=13	Pass
	1745	27	0	6.60	<=13	Pass
	1775	27	23	6.49	<=13	Pass

5.1.5 B66_15MHz

Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	6.18	<=13	Pass
	1745	75	0	6.14	<=13	Pass
	1772.5	75	0	5.84	<=13	Pass
16QAM	1717.5	27	0	6.54	<=13	Pass
	1745	27	0	6.53	<=13	Pass
	1772.5	27	48	6.44	<=13	Pass

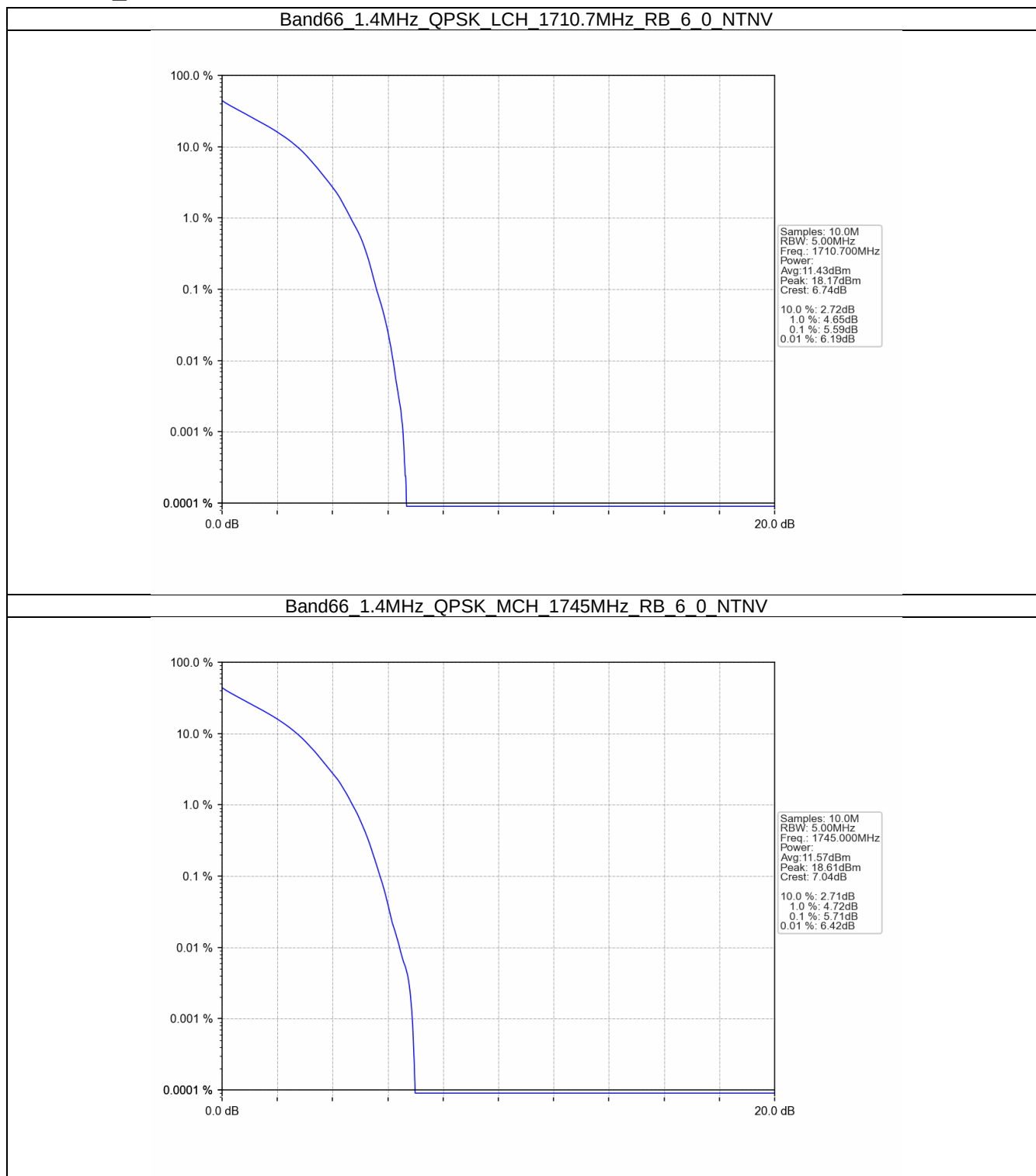
5.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.90	<=13	Pass
	1745	100	0	5.77	<=13	Pass
	1770	100	0	5.56	<=13	Pass
16QAM	1720	27	0	6.64	<=13	Pass
	1745	27	0	6.59	<=13	Pass
	1770	27	73	6.56	<=13	Pass



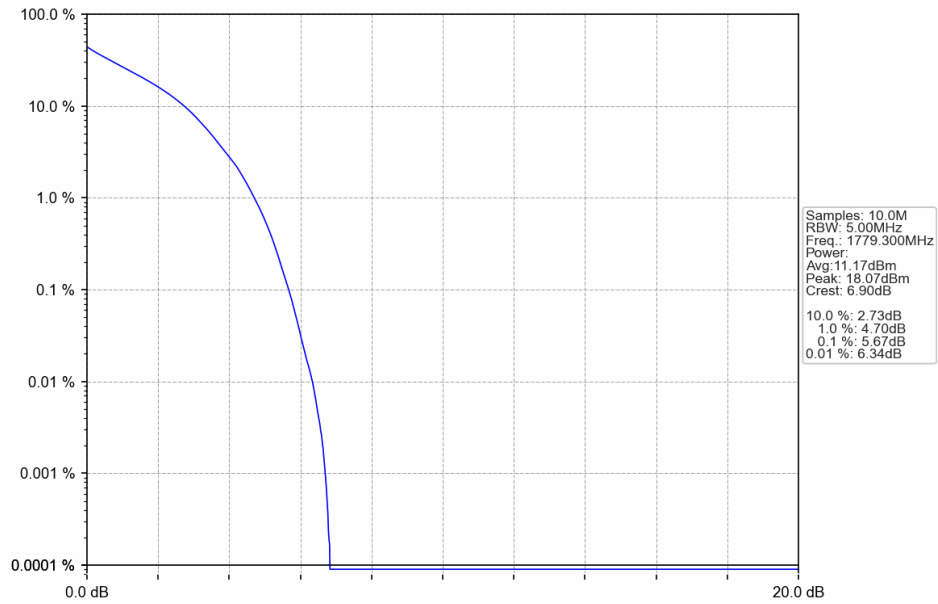
5.2 Test Graph

5.2.1 B66_1.4MHz

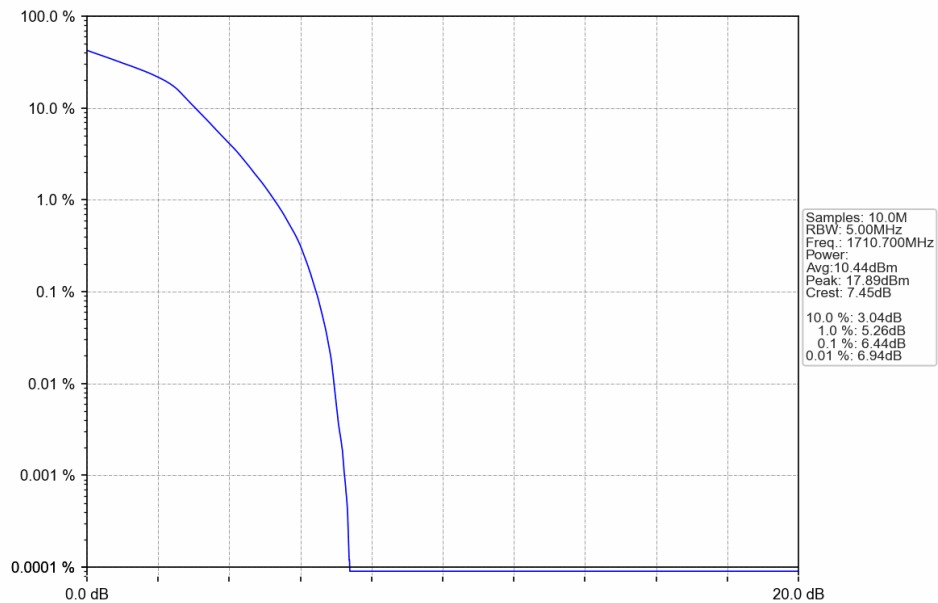




Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV

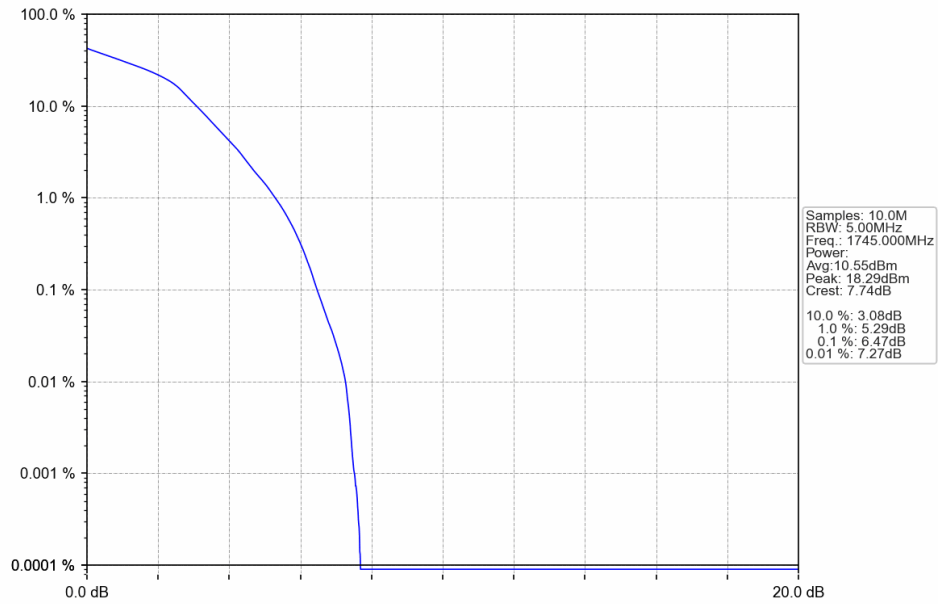


Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV

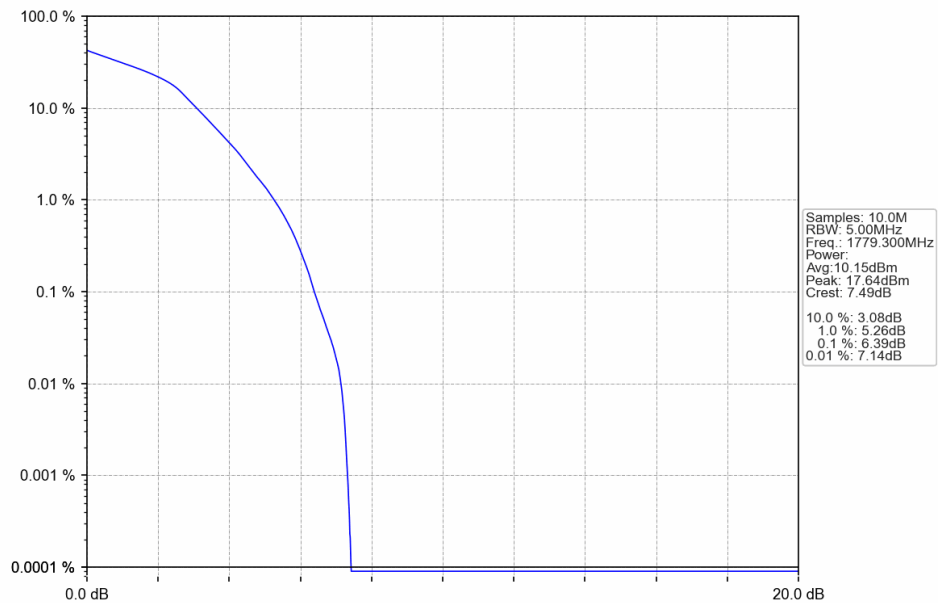




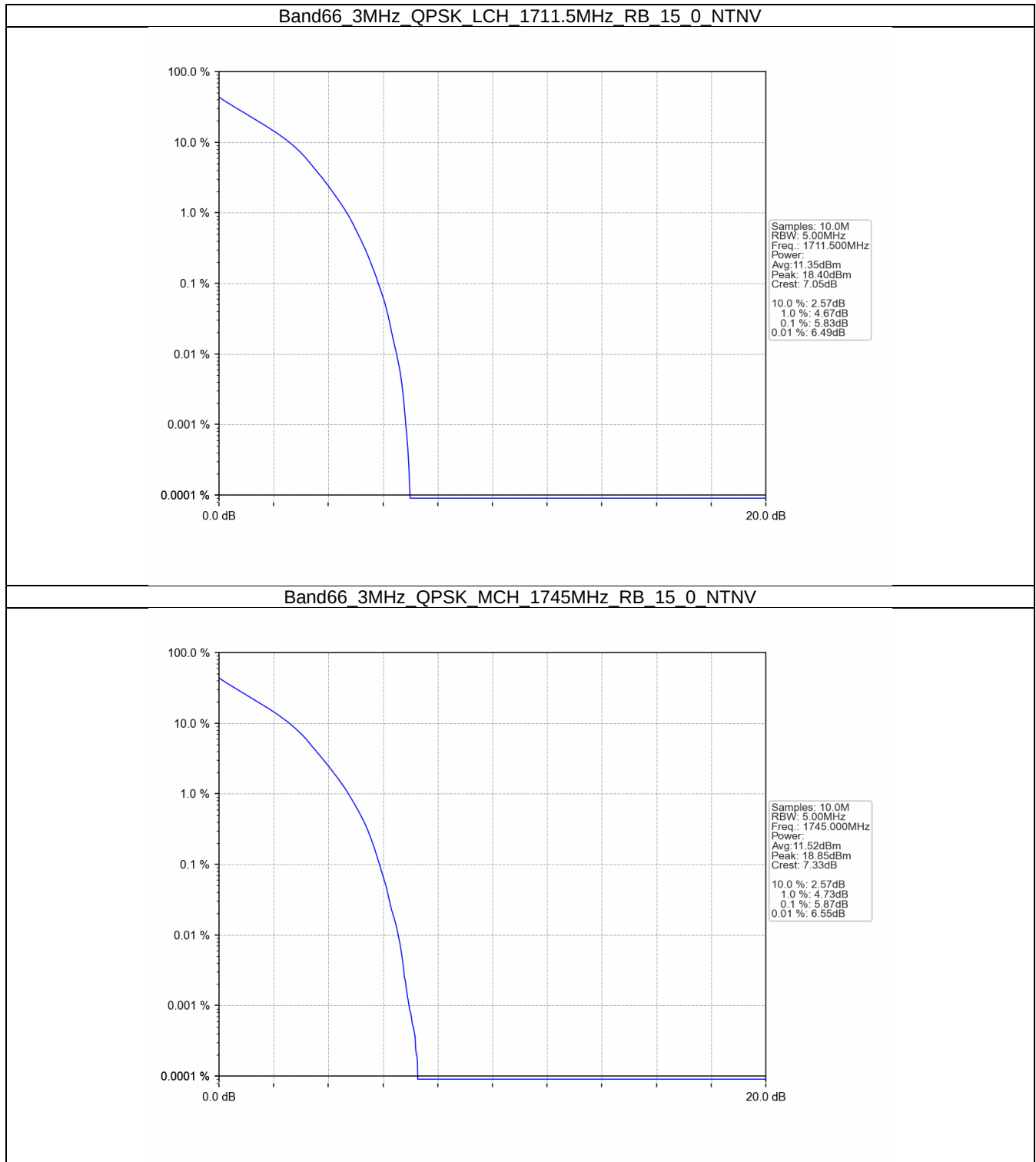
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

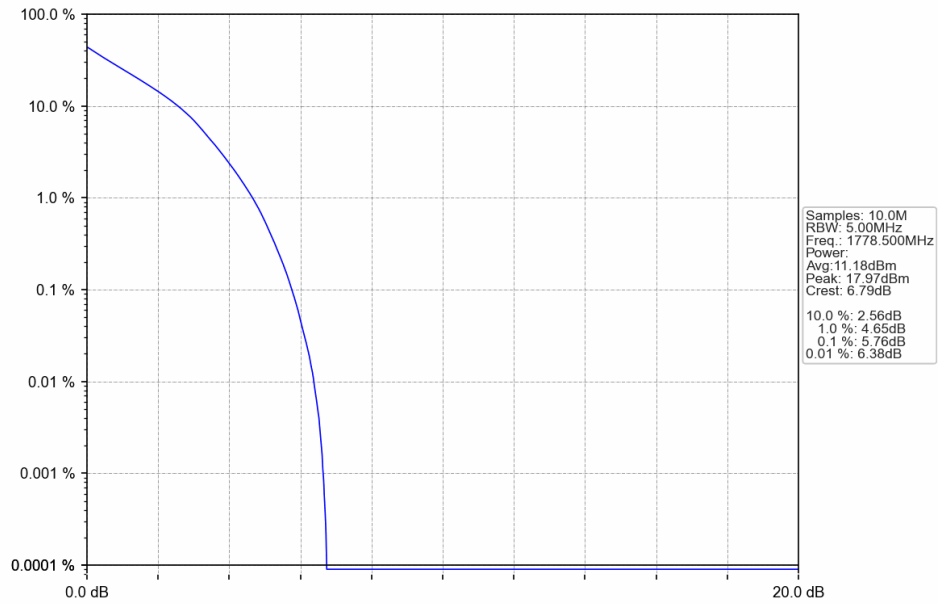


5.2.2 B66_3MHz

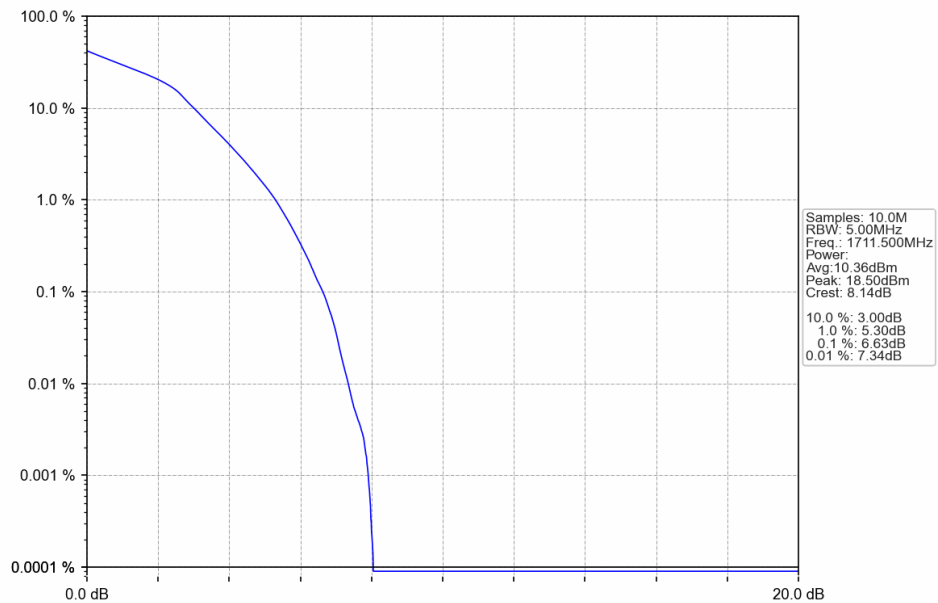




Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

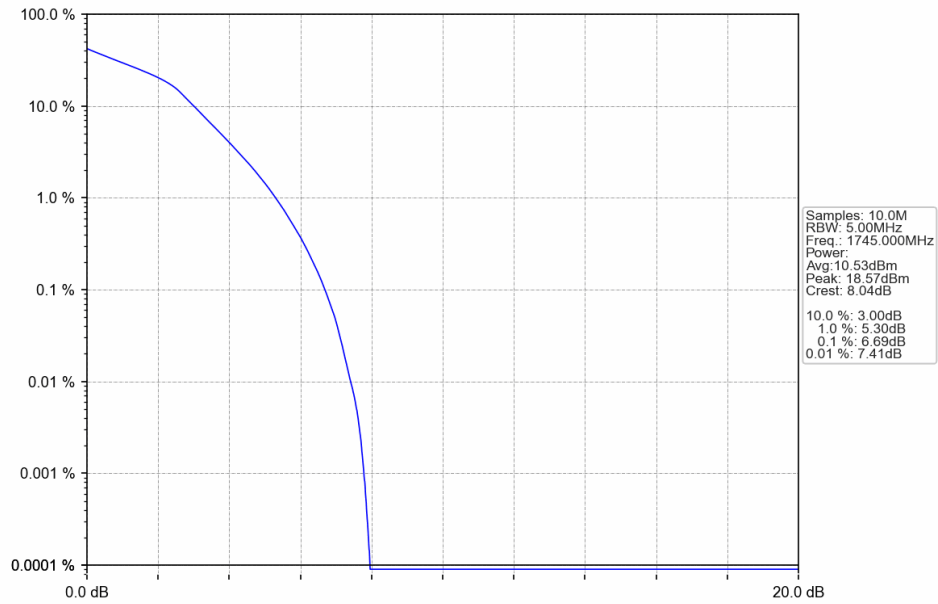


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

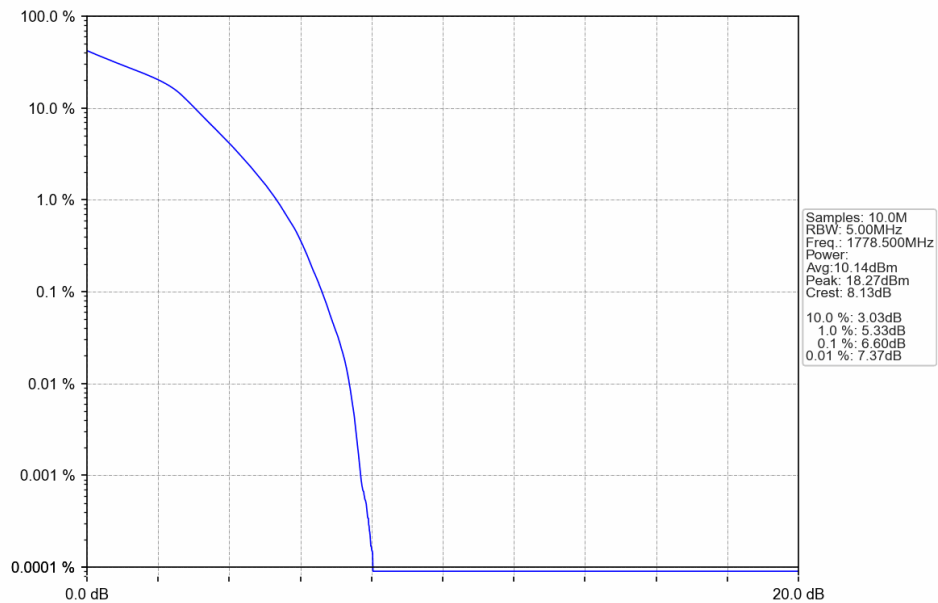




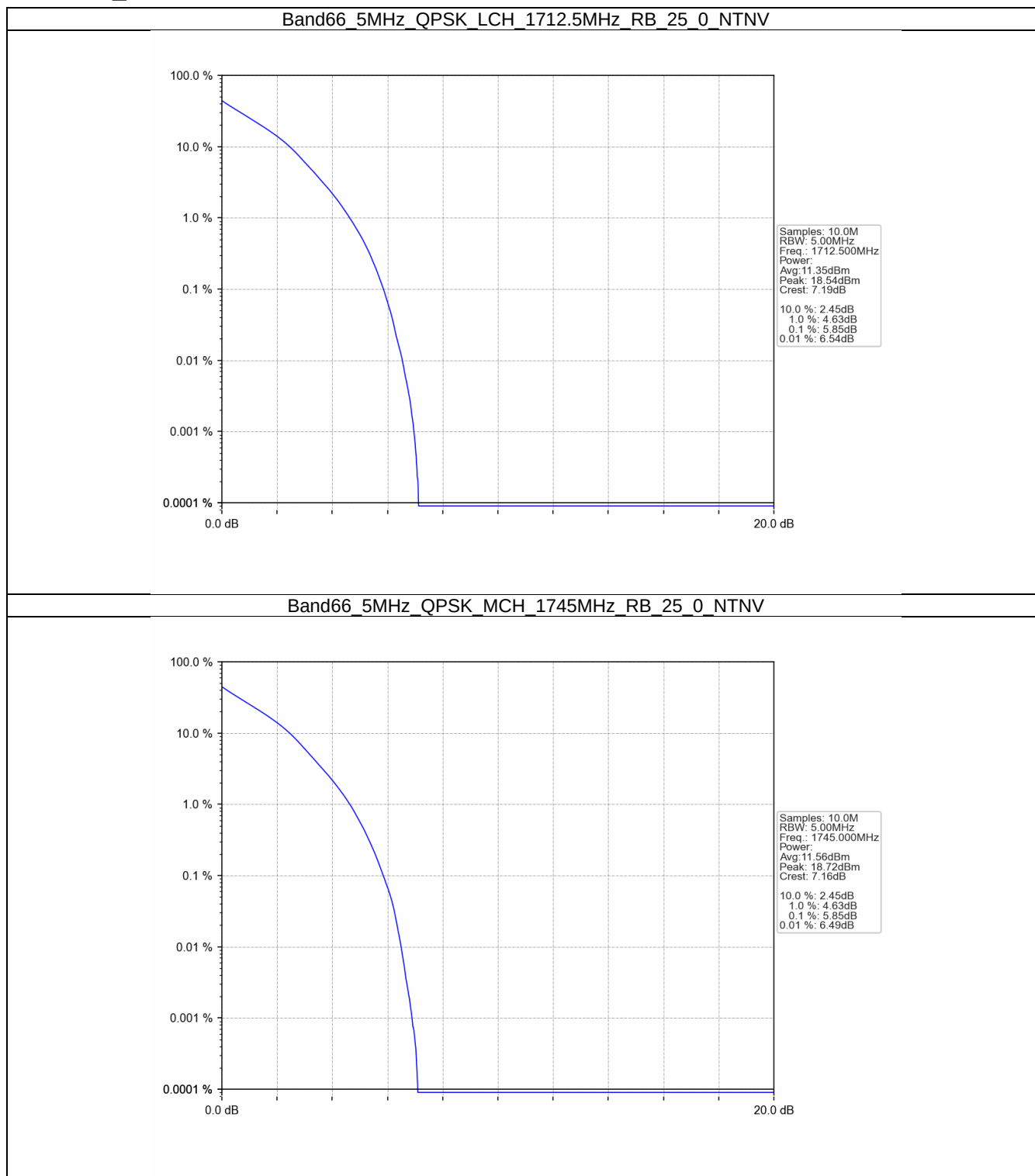
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV

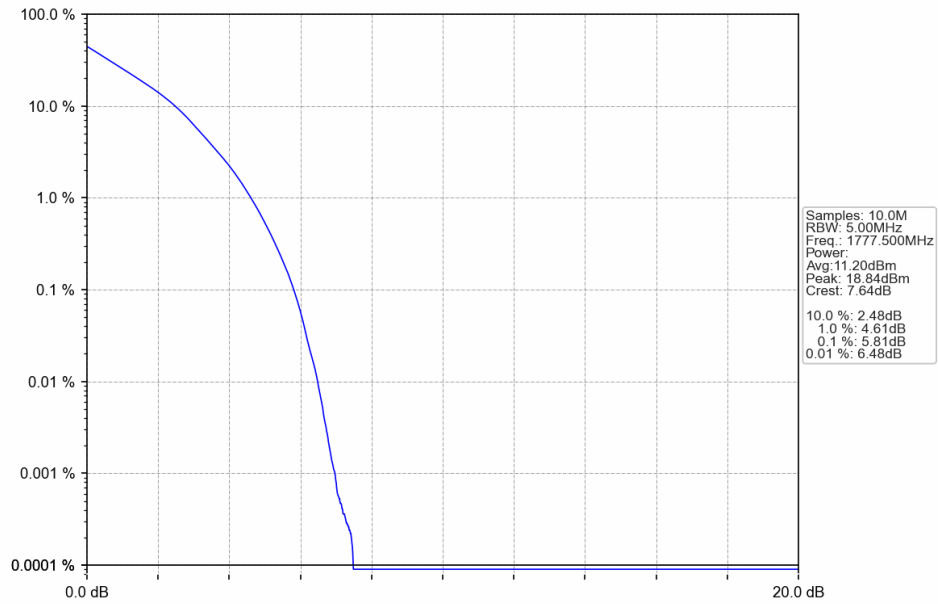


5.2.3 B66_5MHz

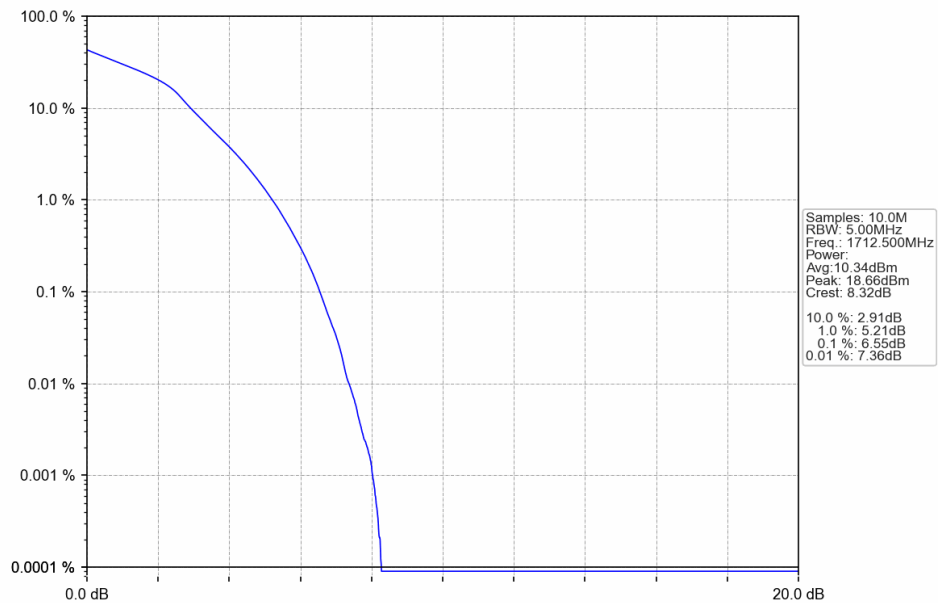




Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV

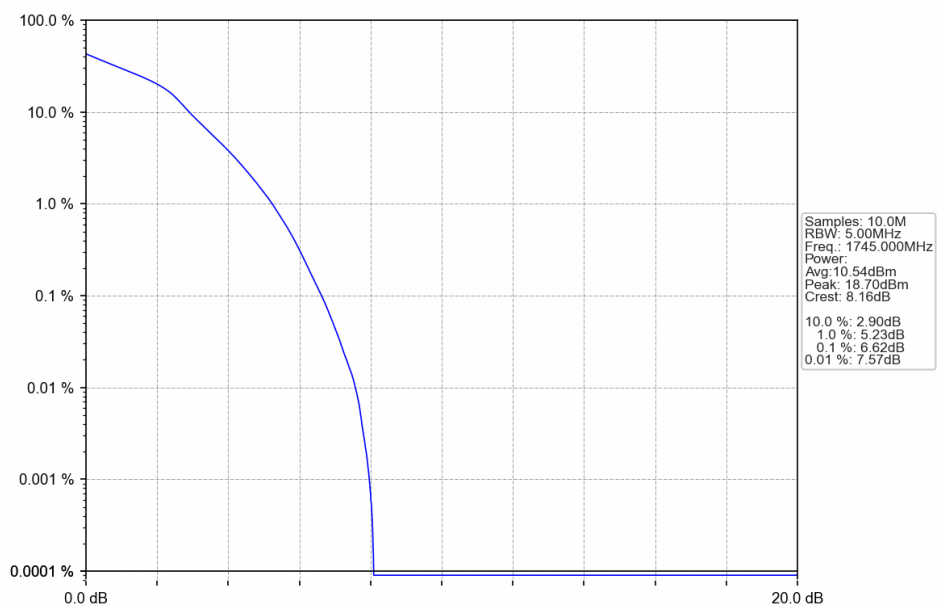


Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

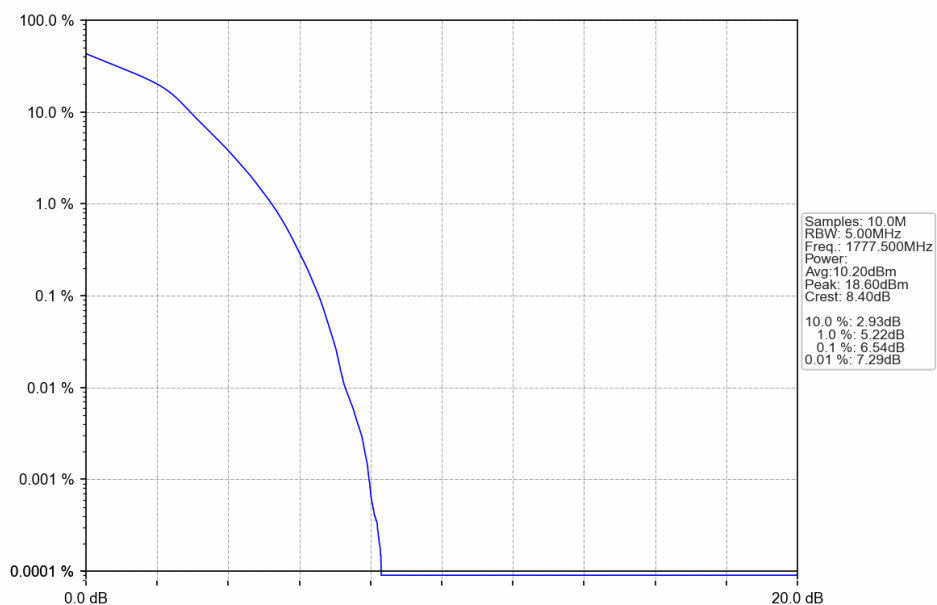




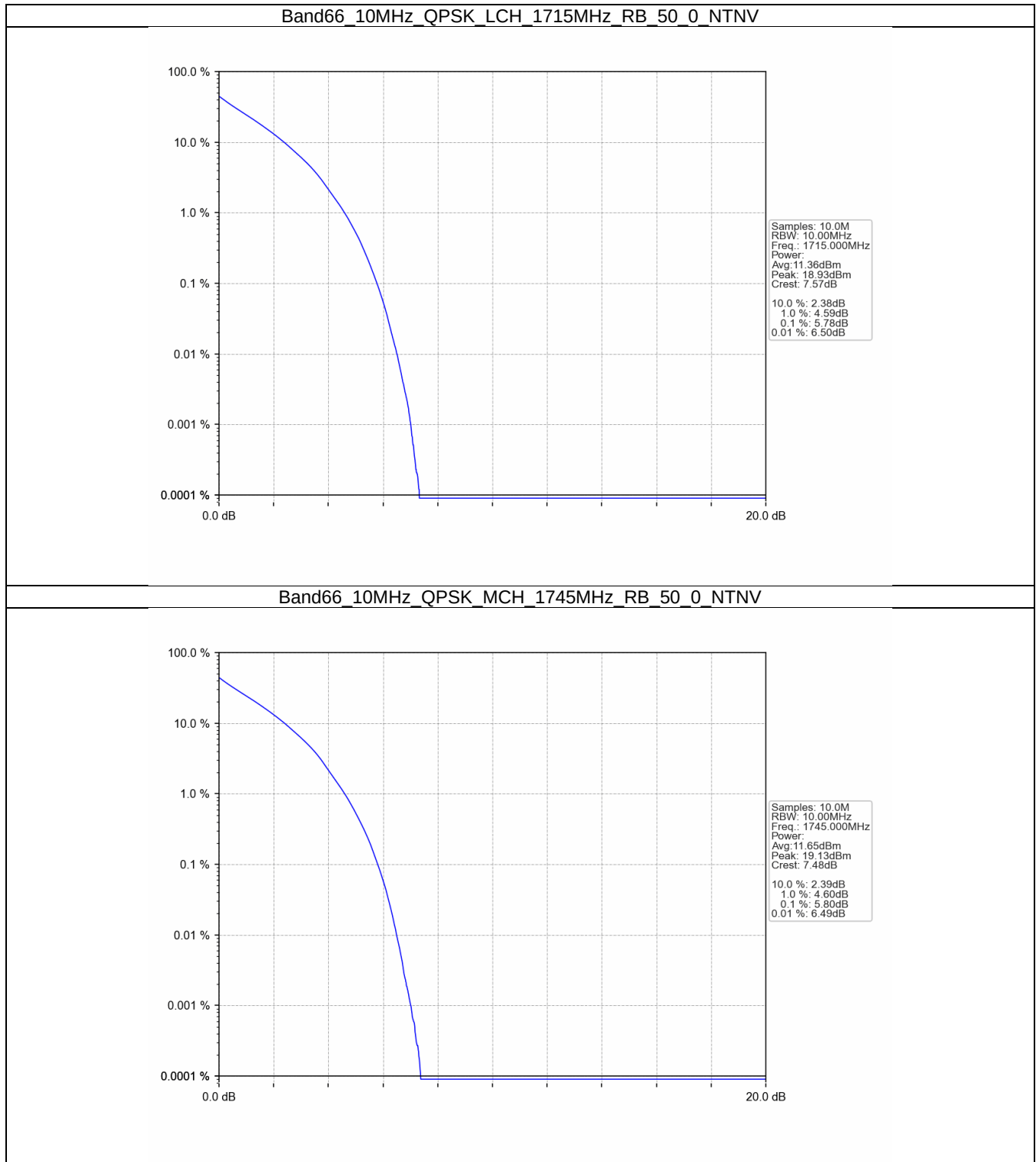
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

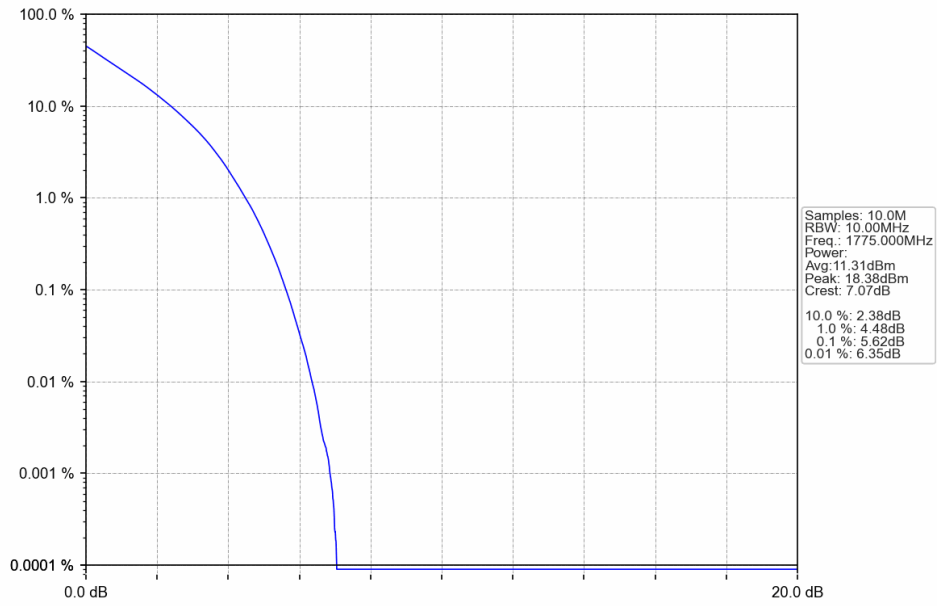


5.2.4 B66_10MHz

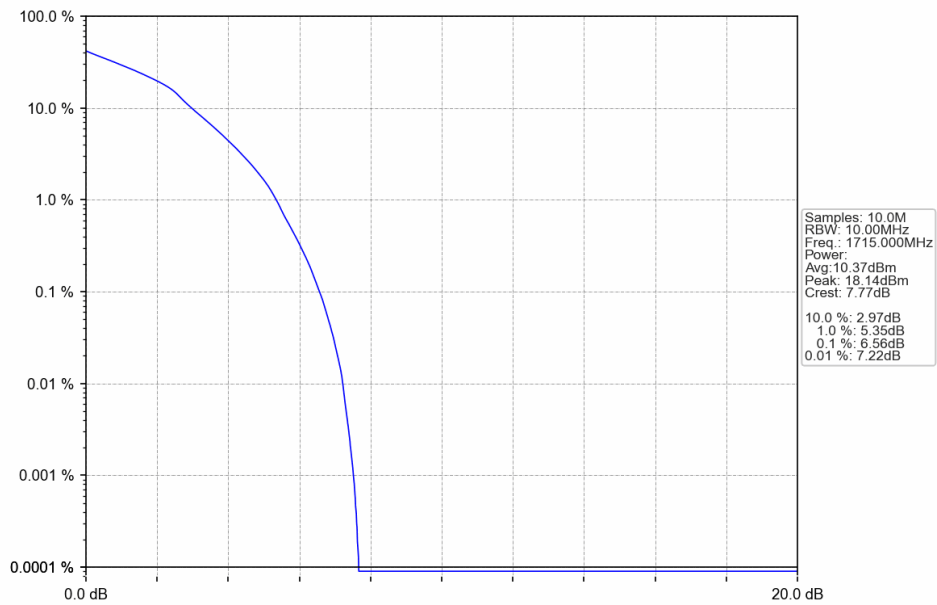




Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

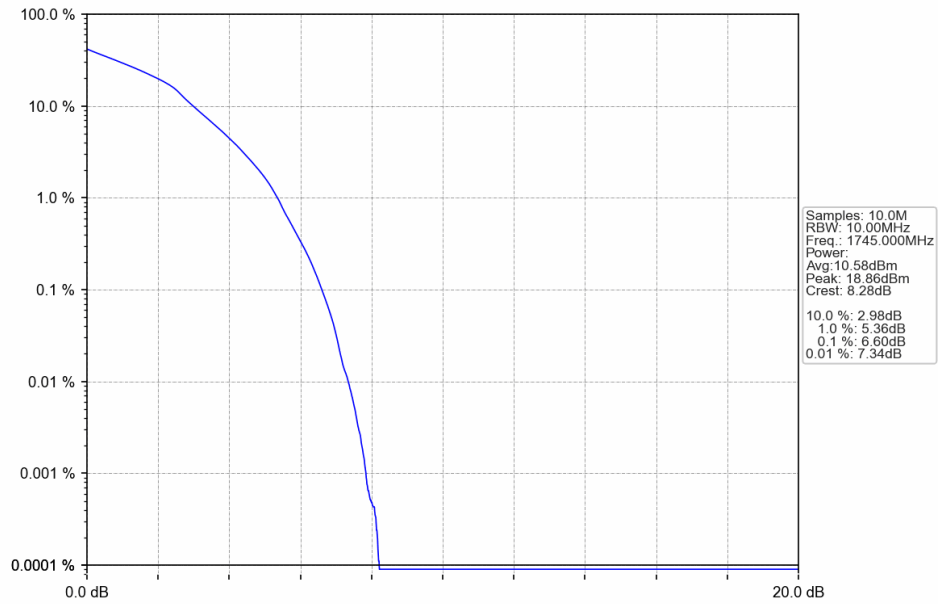


Band66_10MHz_16QAM_LCH_1715MHz_RB_27_0_NTNV

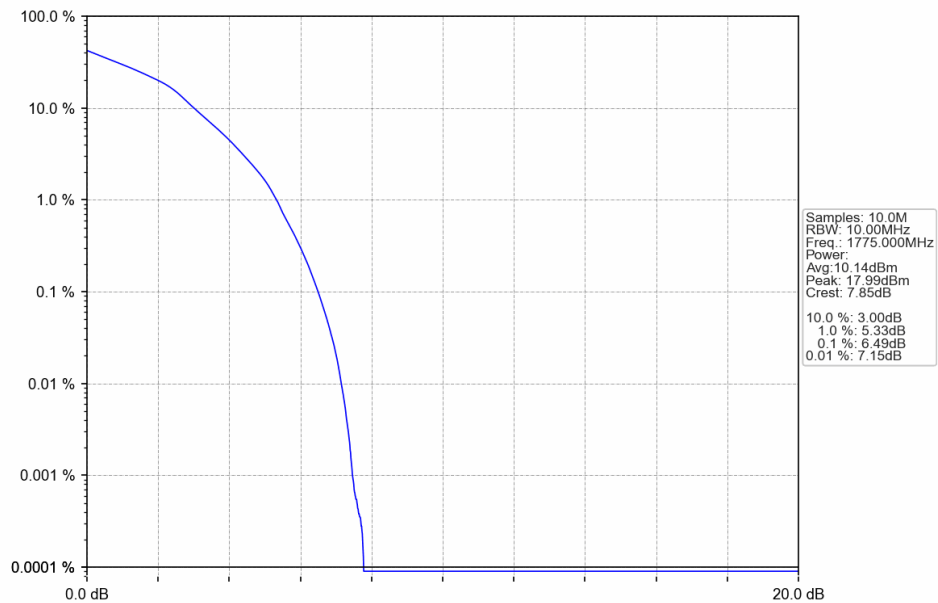




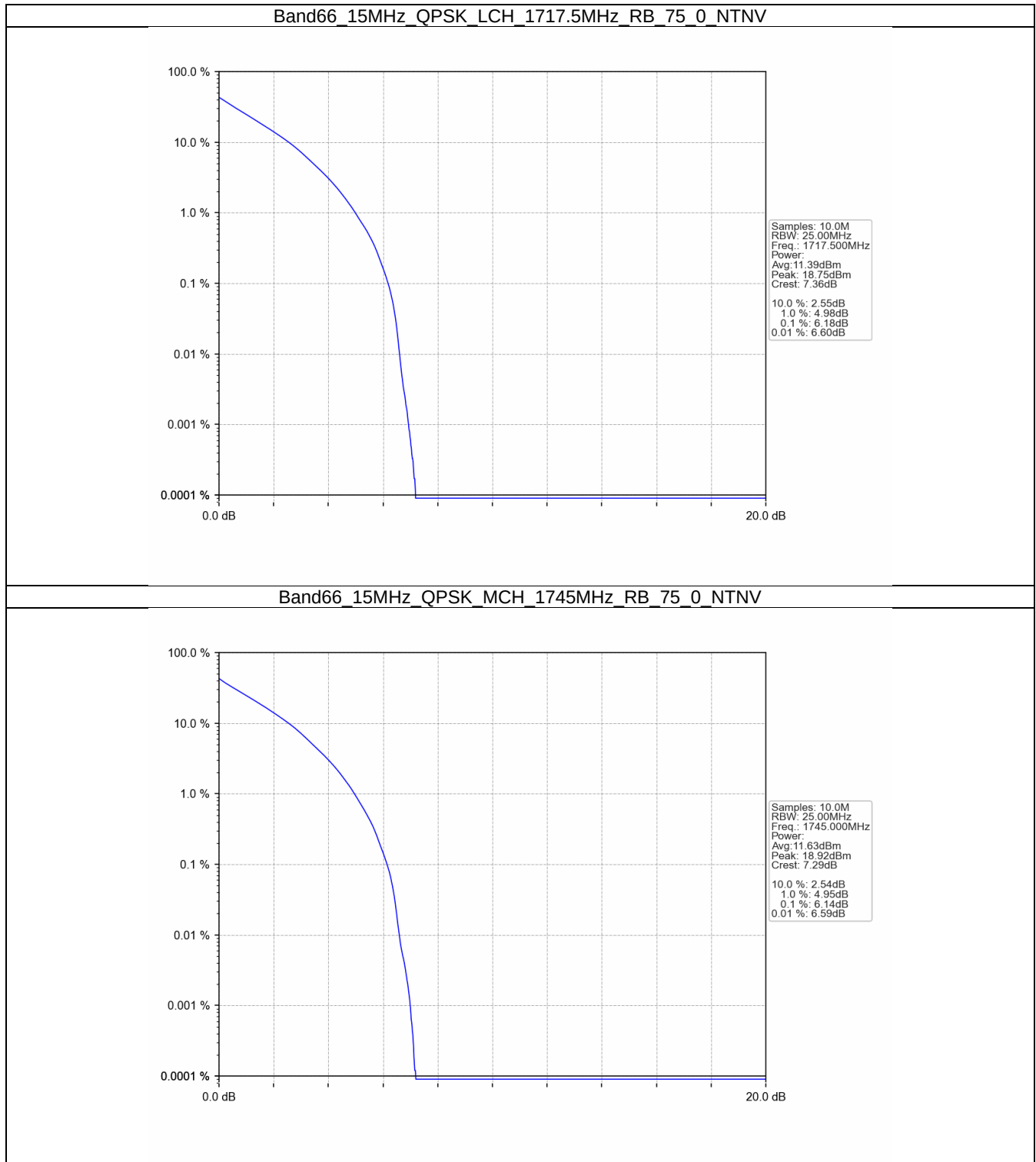
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_10MHz_16QAM_HCH_1775MHz_RB_27_23_NTNV

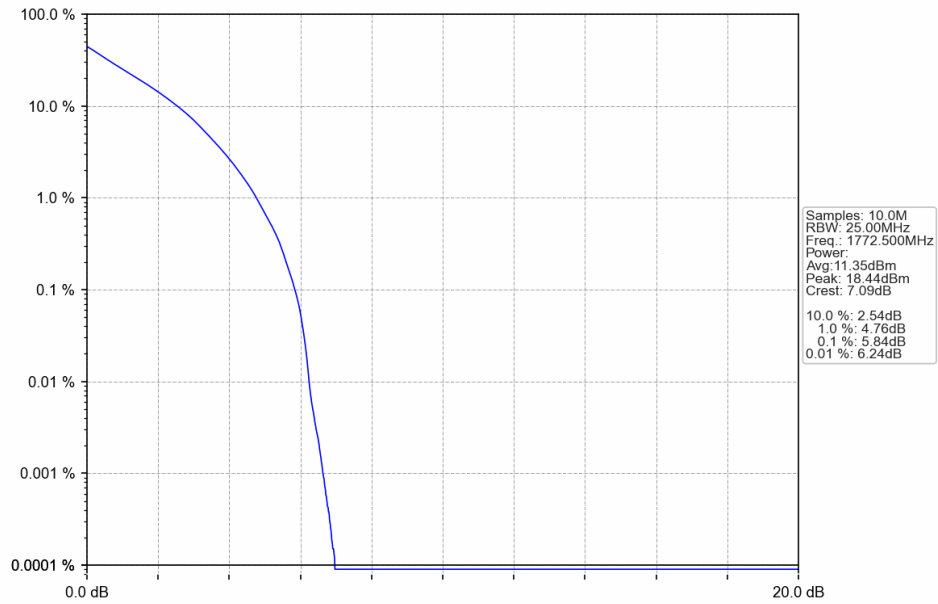


5.2.5 B66_15MHz

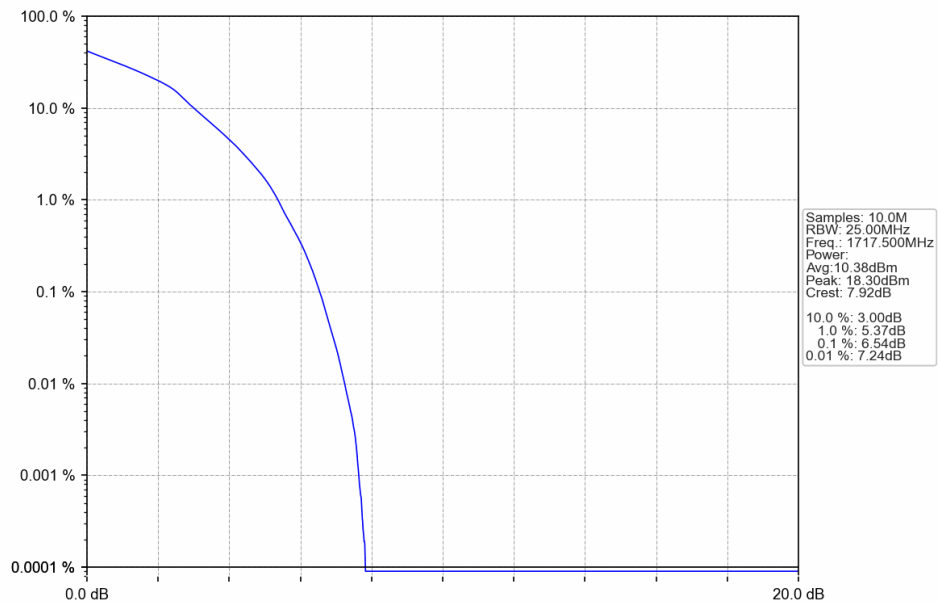




Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV

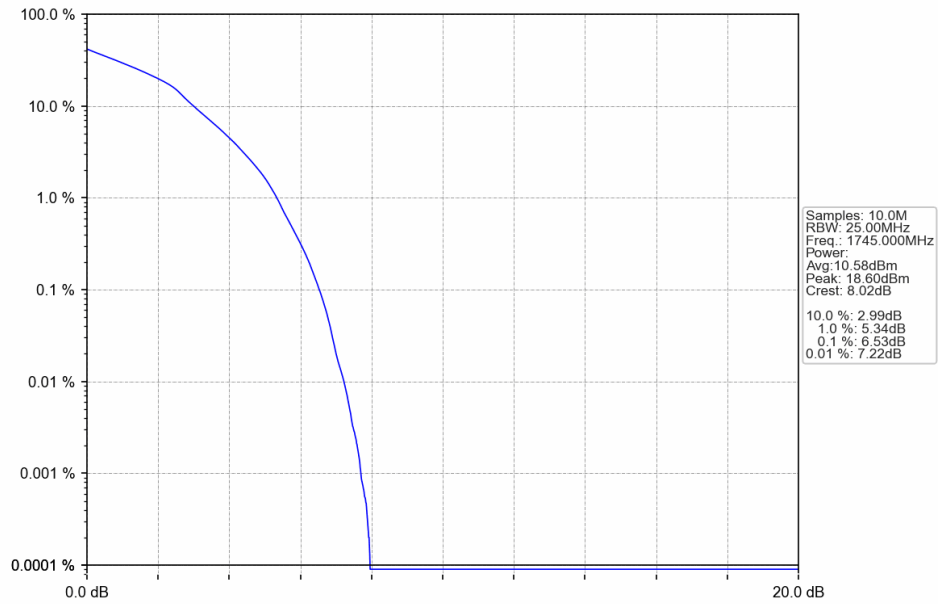


Band66_15MHz_16QAM_LCH_1717.5MHz_RB_27_0_NTNV

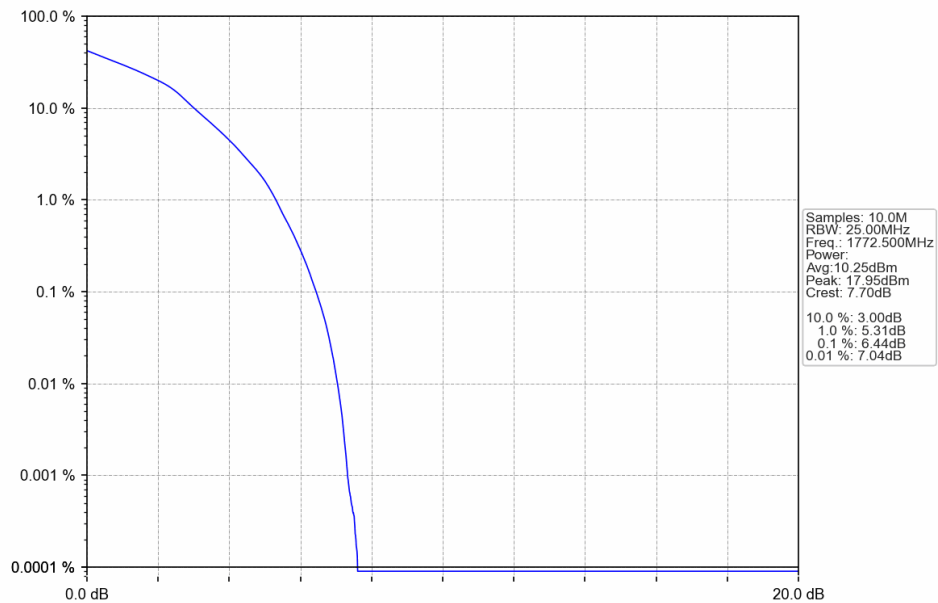




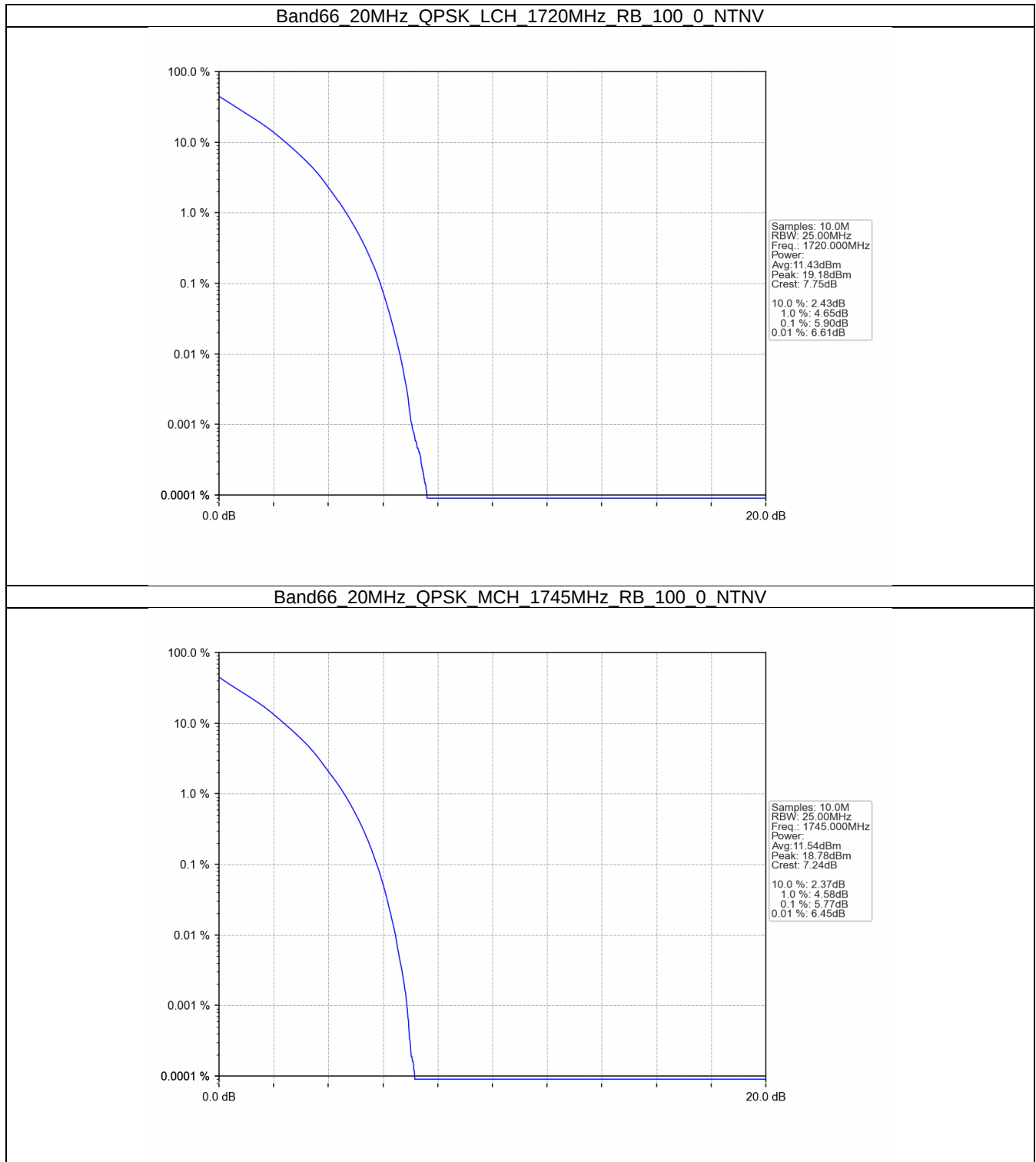
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_15MHz_16QAM_HCH_1772.5MHz_RB_27_48_NTNV

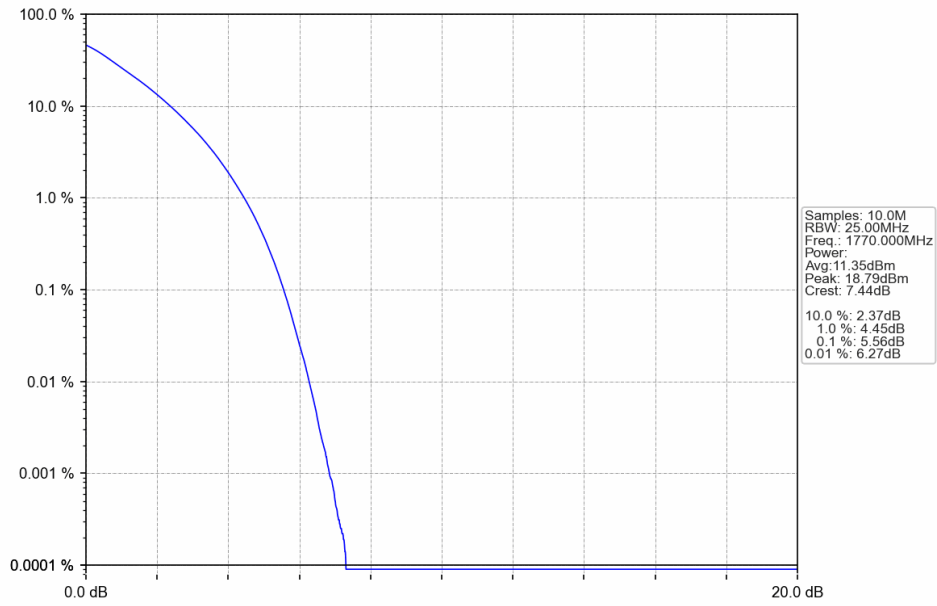


5.2.6 B66_20MHz

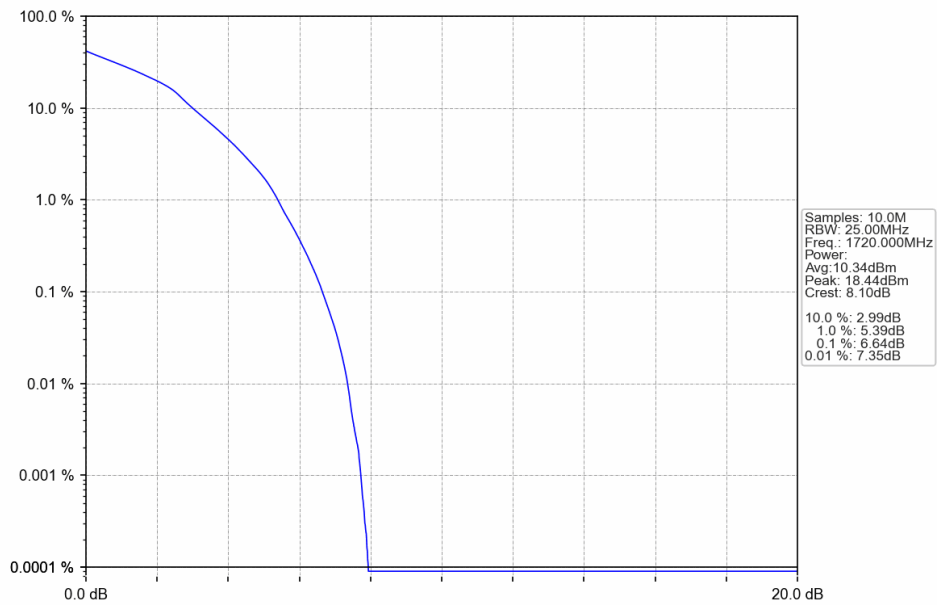




Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV

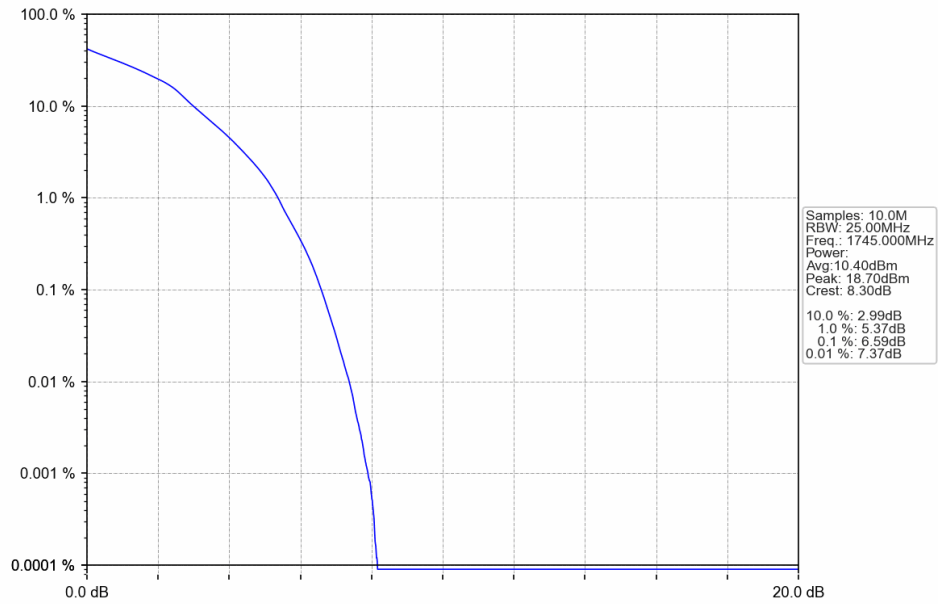


Band66_20MHz_16QAM_LCH_1720MHz_RB_27_0_NTNV

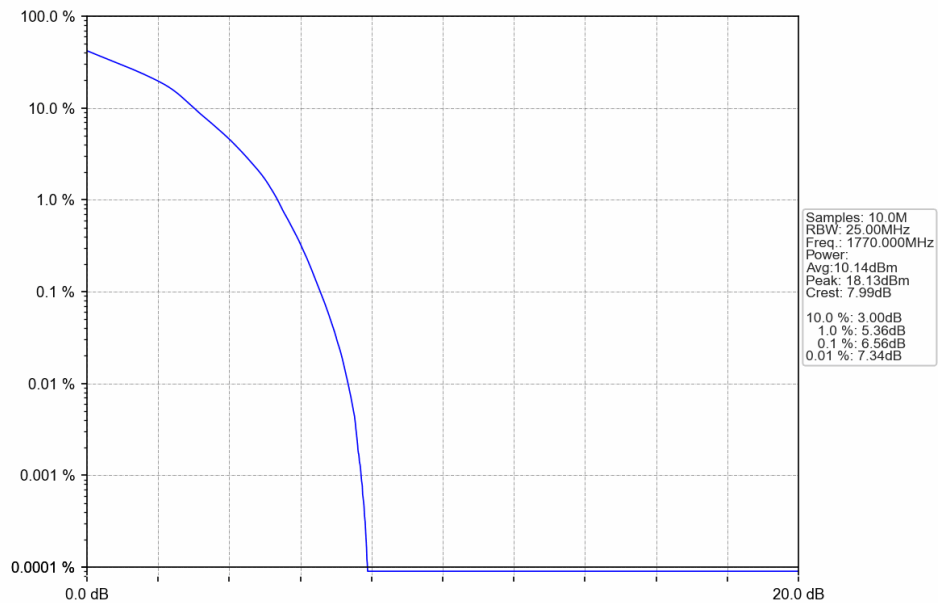




Band66_20MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_27_73_NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B66_1.4MHz

Band: 66 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1779.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.2 B66_3MHz

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1778.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass

6.1.3 B66_5MHz

Band: 66 / 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
	1745	1	0	Refer To Test Graph		Pass
	1777.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
			0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass



4

	1745	1	0	Refer To Test Graph	Pass
	1777.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV						
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
	1745	1	0	Refer To Test Graph		Pass
	1775	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
	1745	1	0	Refer To Test Graph		Pass
	1775	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass

6.1.5 B66_15MHz

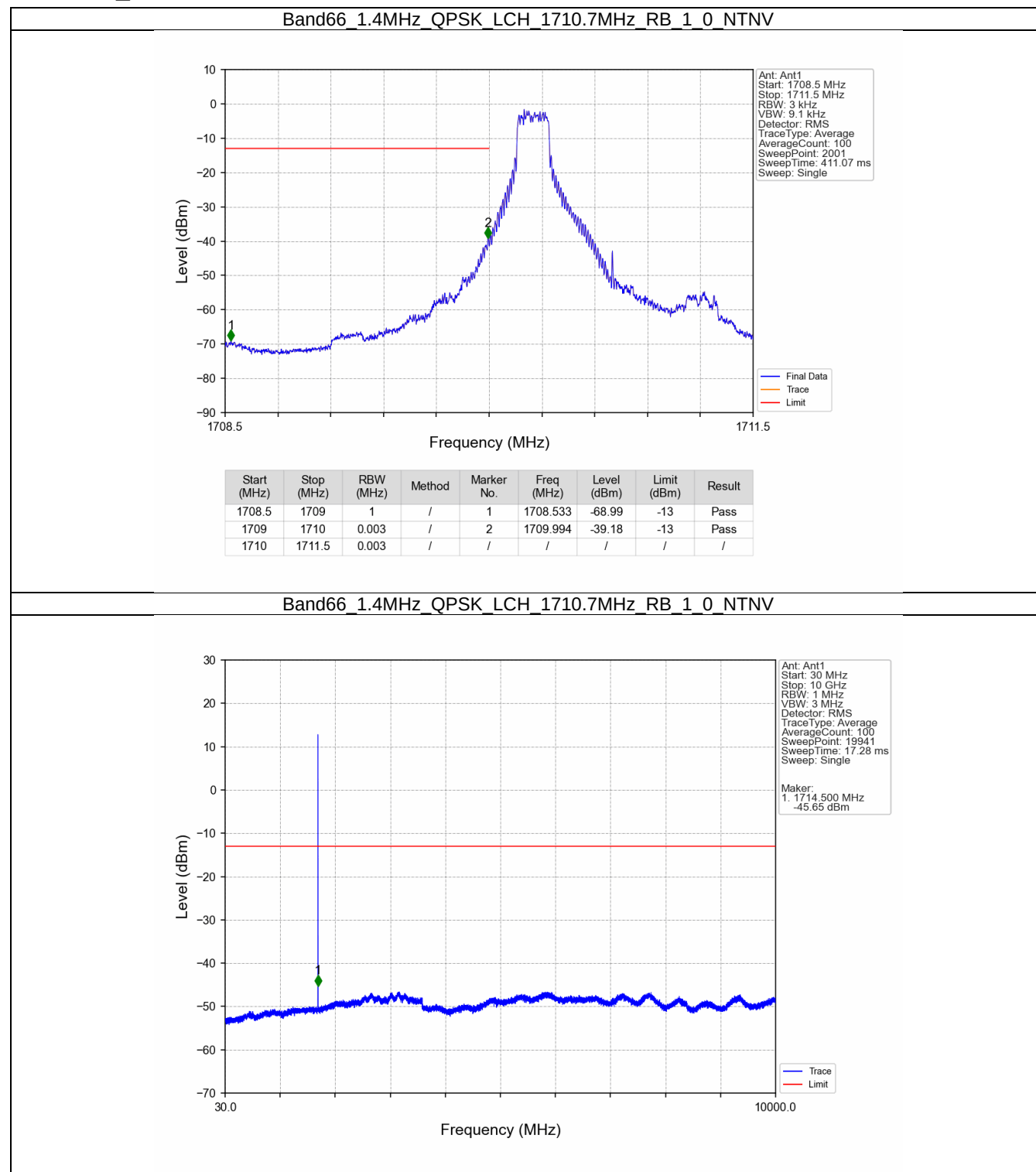
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

6.1.6 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
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
	1745	1	0	Refer To Test Graph		Pass
	1770	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
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass

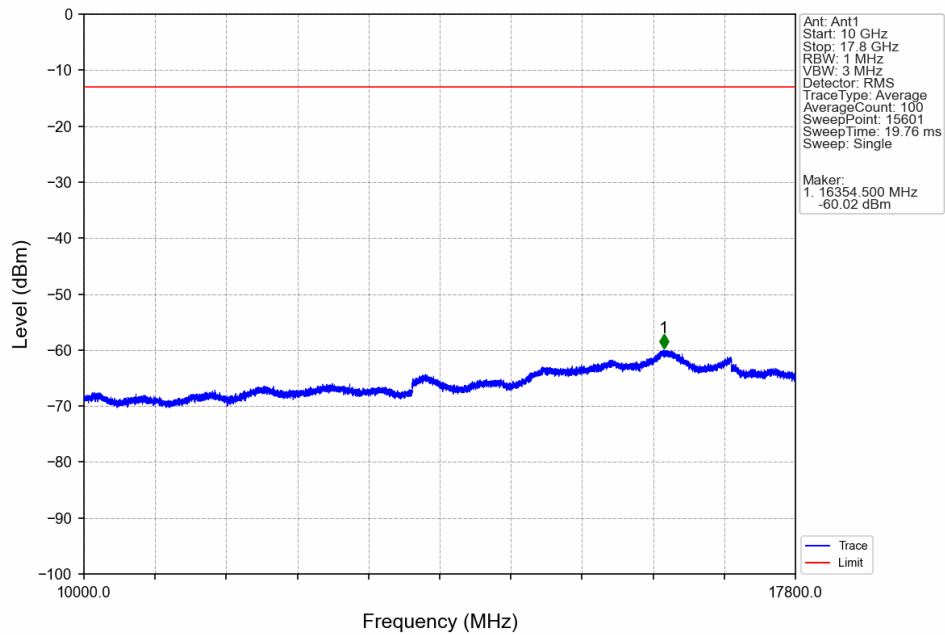
6.2 Test Graph

6.2.1 B66_1.4MHz

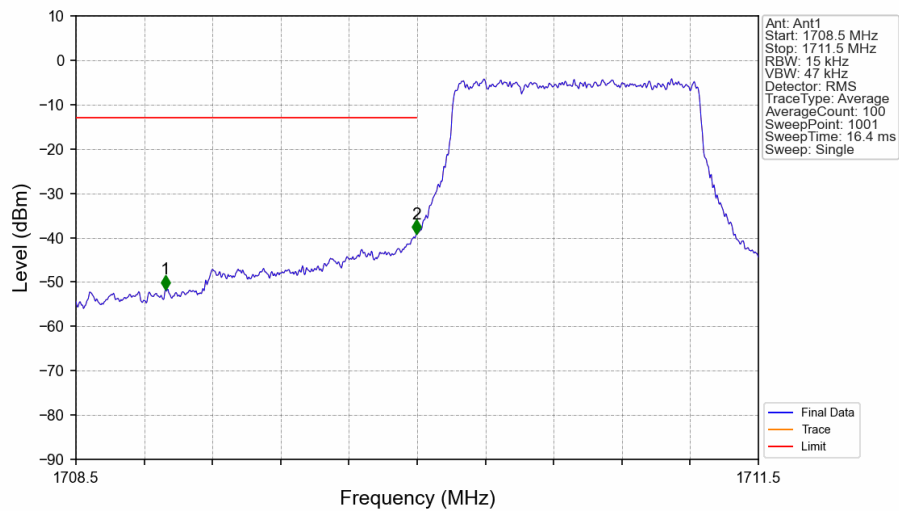




Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV



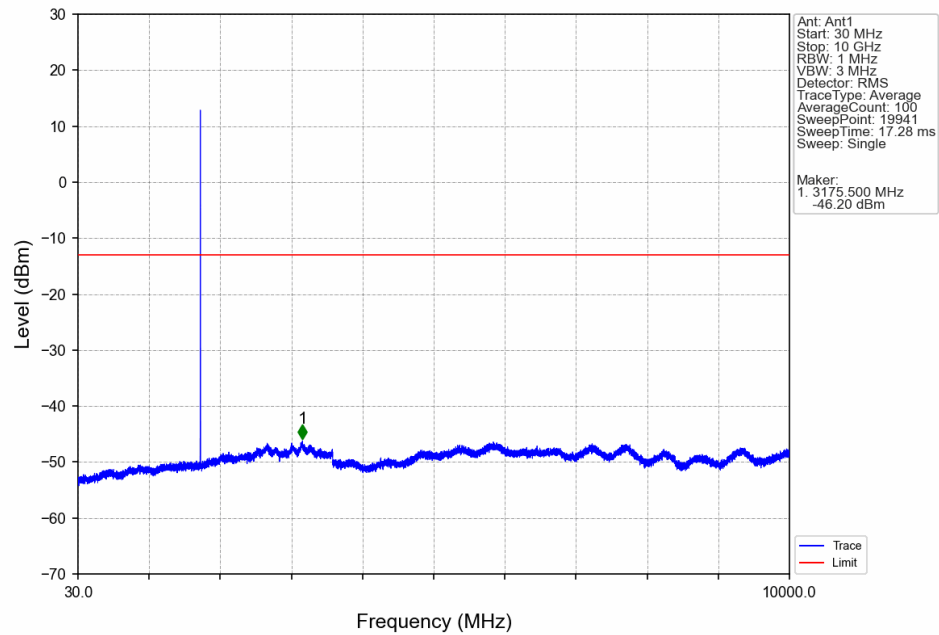
Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV



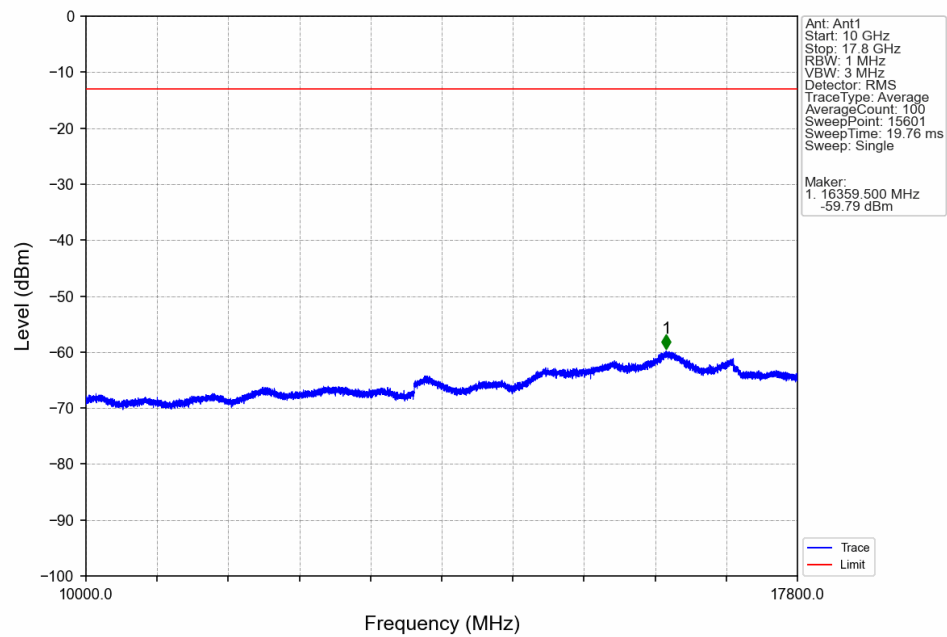
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.893	-51.61	-13	Pass
1709	1710	0.015	/	2	1709.997	-39.04	-13	Pass
1710	1711.5	0.015	/	/	/	/	/	/



Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

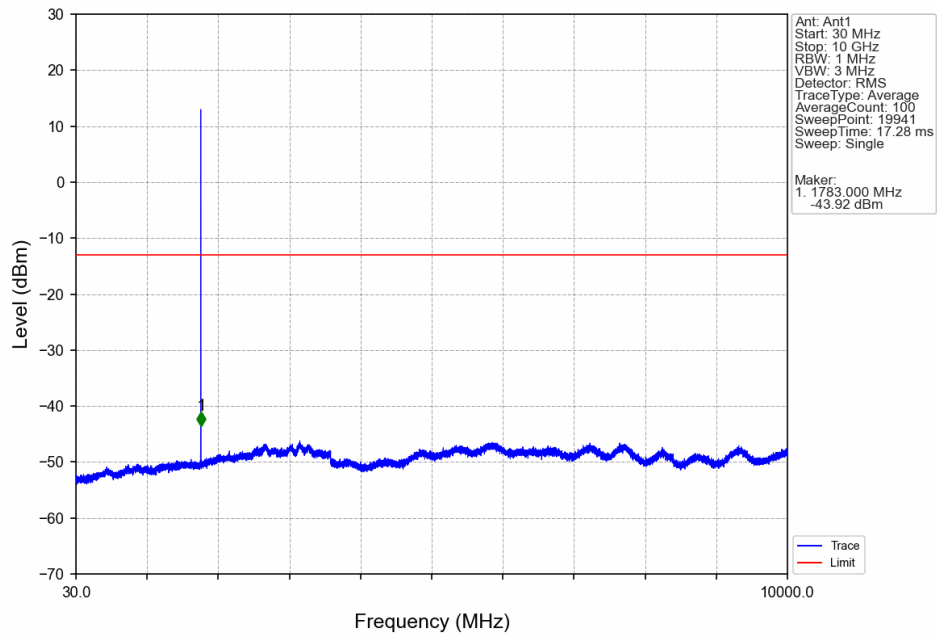


Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

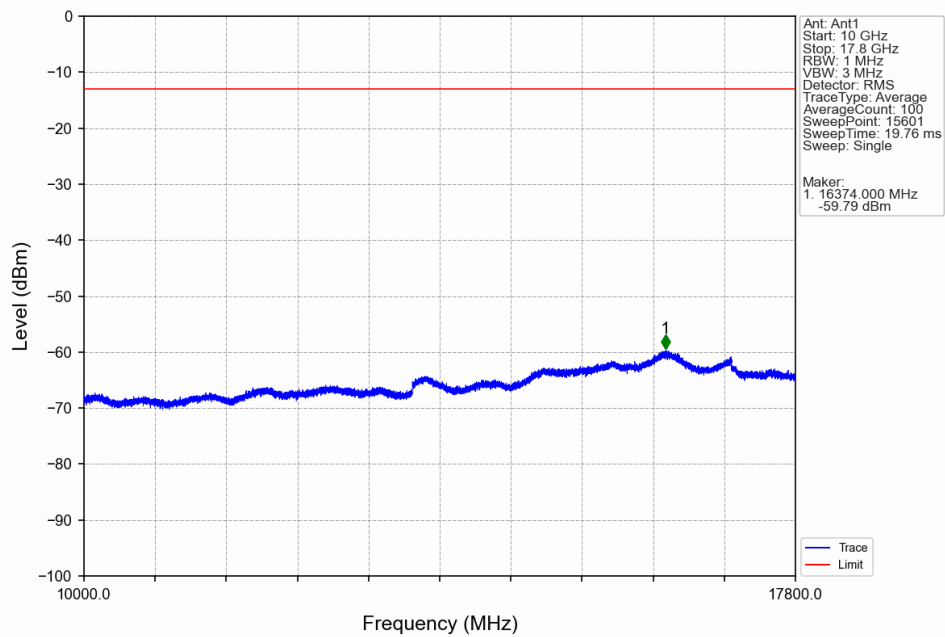




Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV

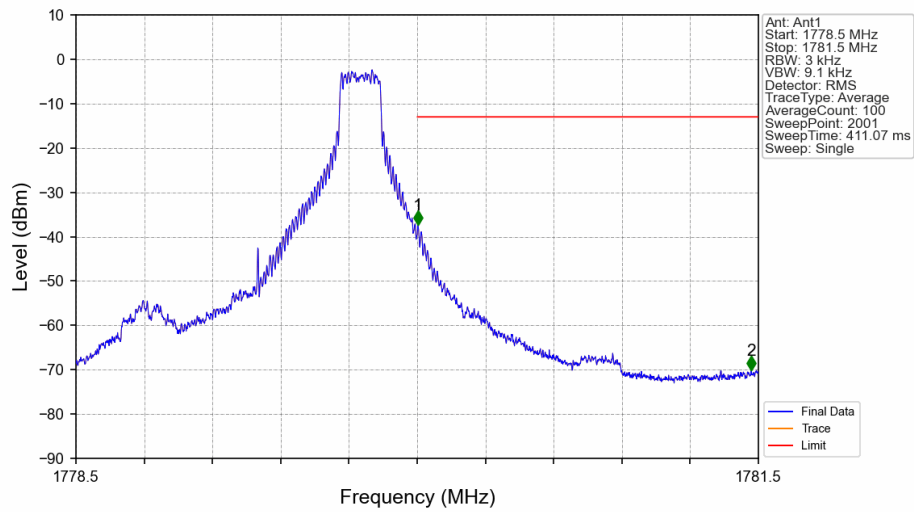


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



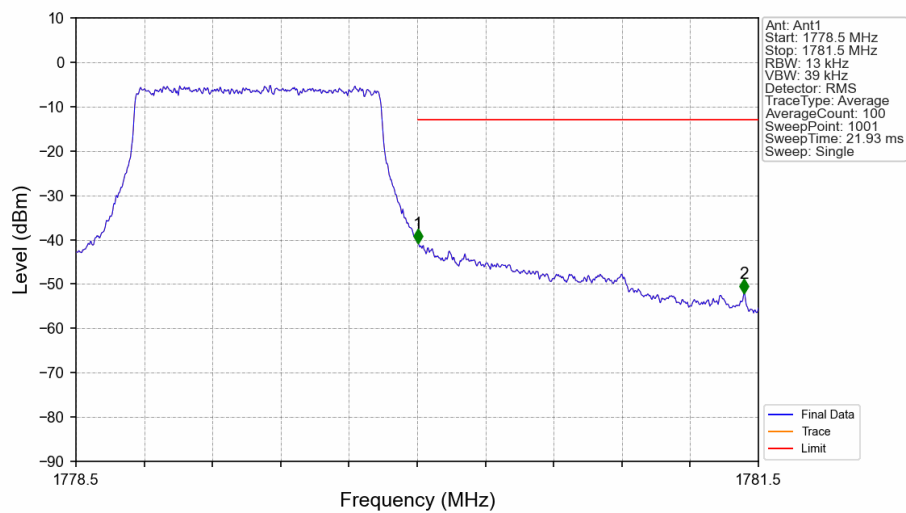


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



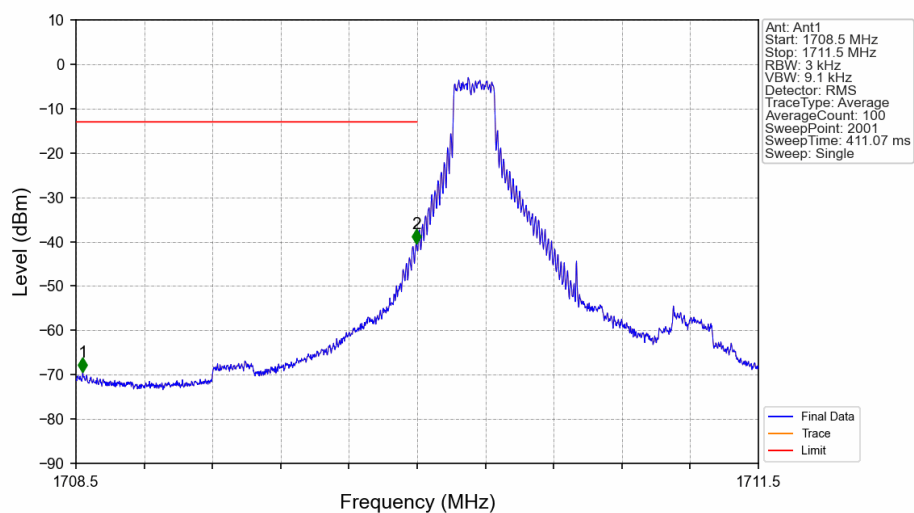
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-37.31	-13	Pass
1781	1781.5	1	/	2	1781.468	-70.15	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

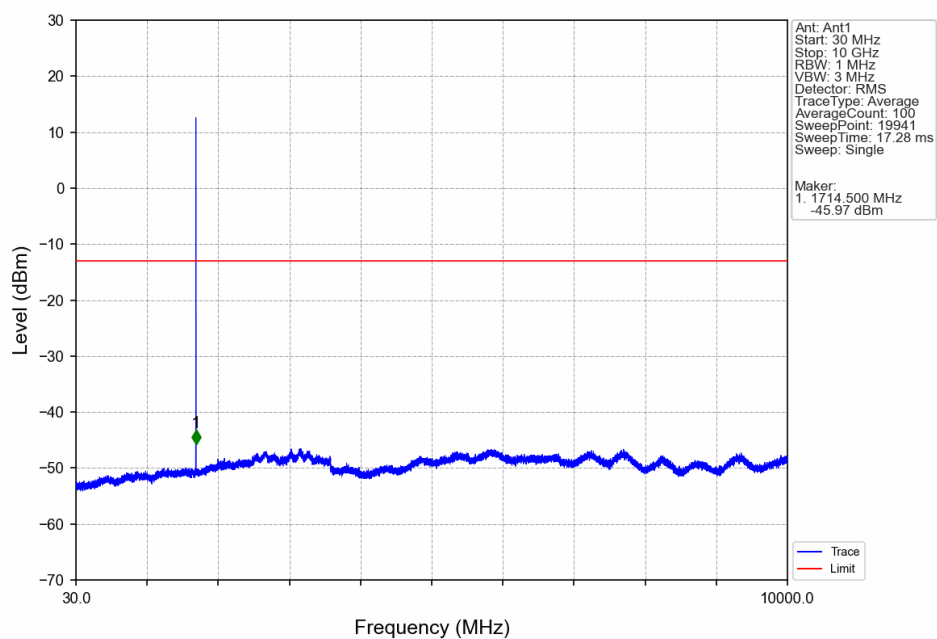


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1778.5	1780	0.013	/	/	/	/	/	/
1780	1781	0.013	/	1	1780.003	-40.73	-13	Pass
1781	1781.5	1	/	2	1781.437	-51.98	-13	Pass

Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

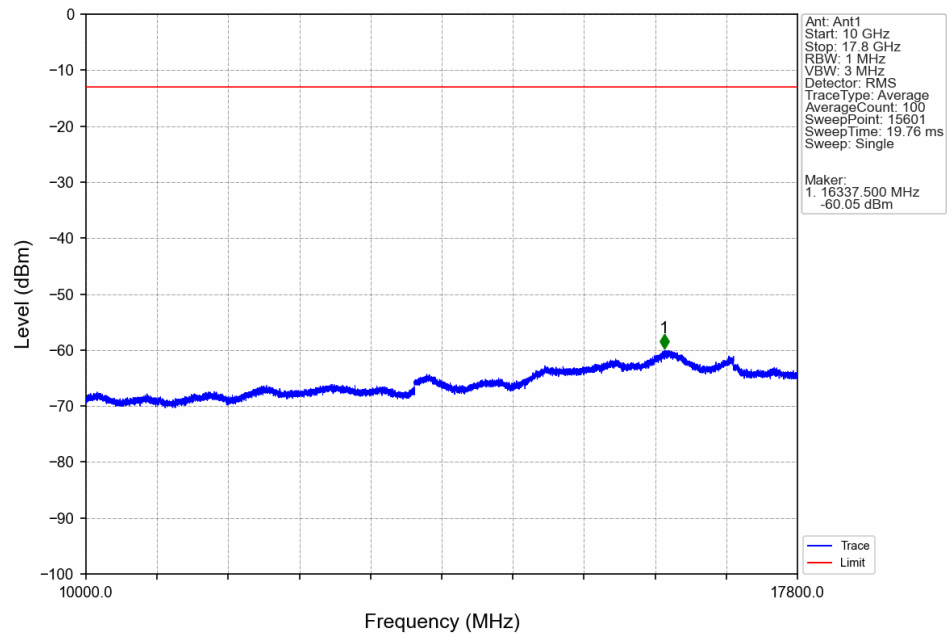


Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

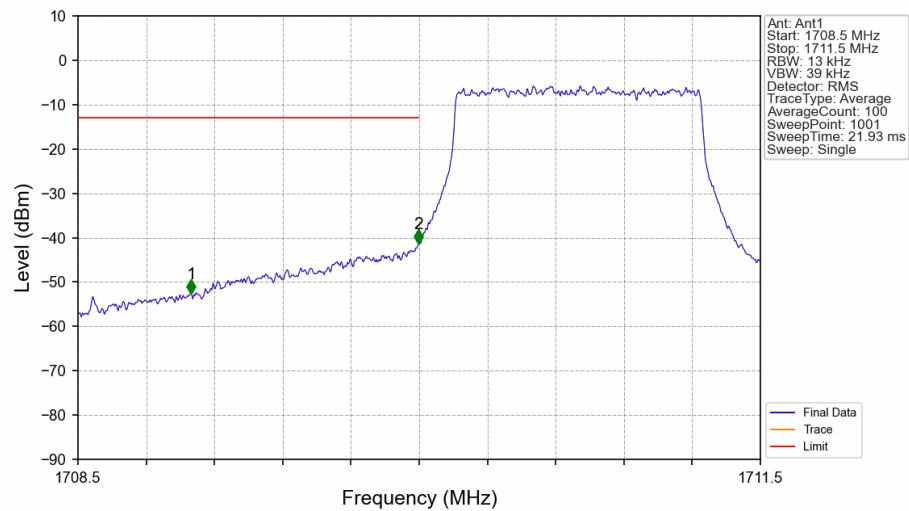




Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



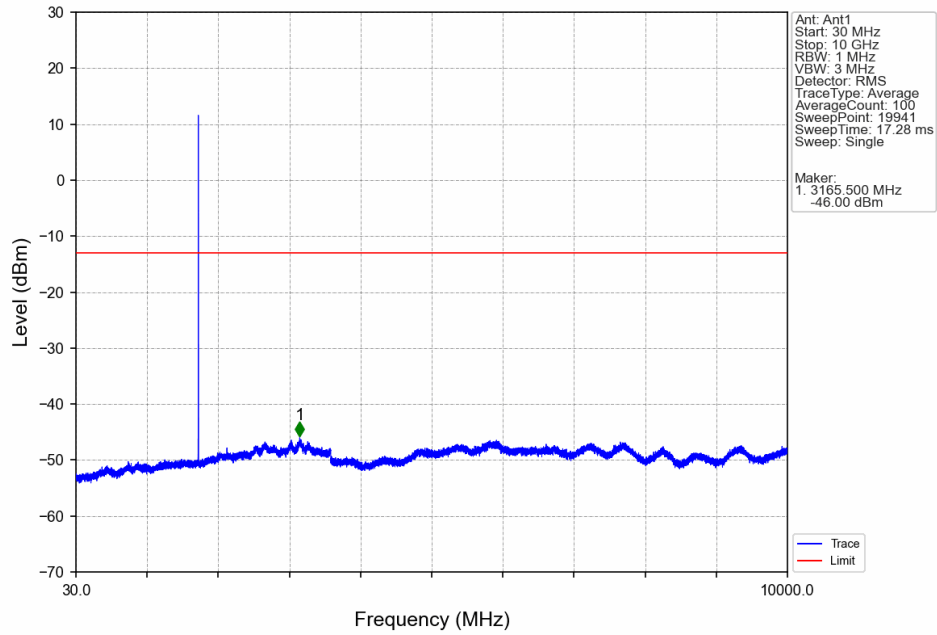
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



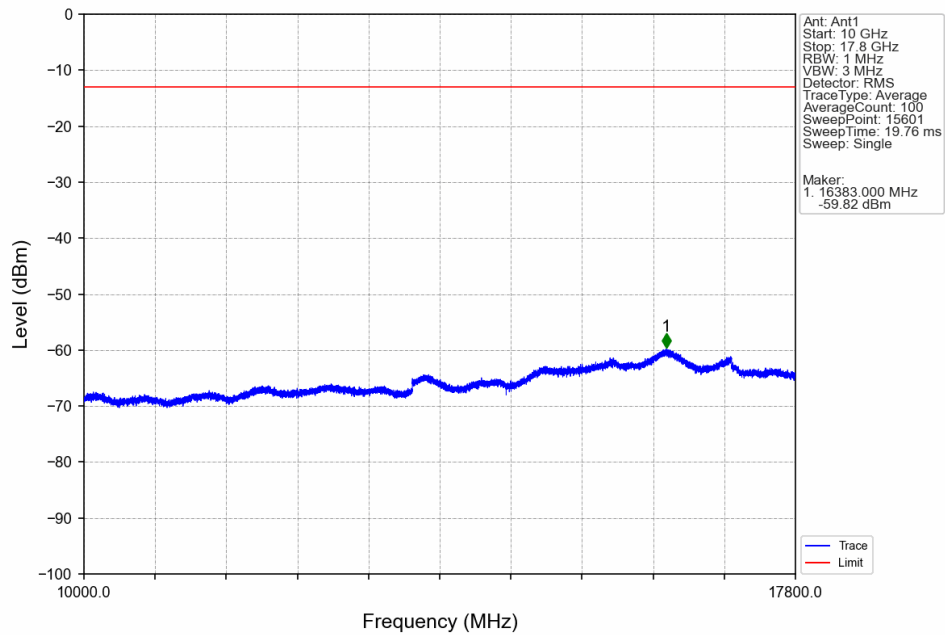
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.998	-52.64	-13	Pass
1709	1710	0.013	/	2	1709.997	-41.38	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/



Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

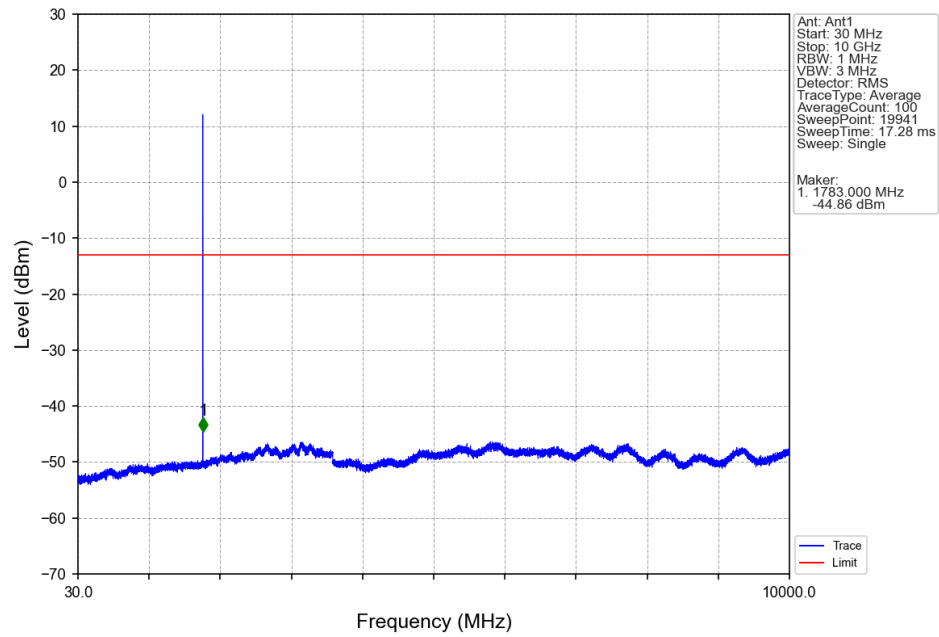


Band66_1.4MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

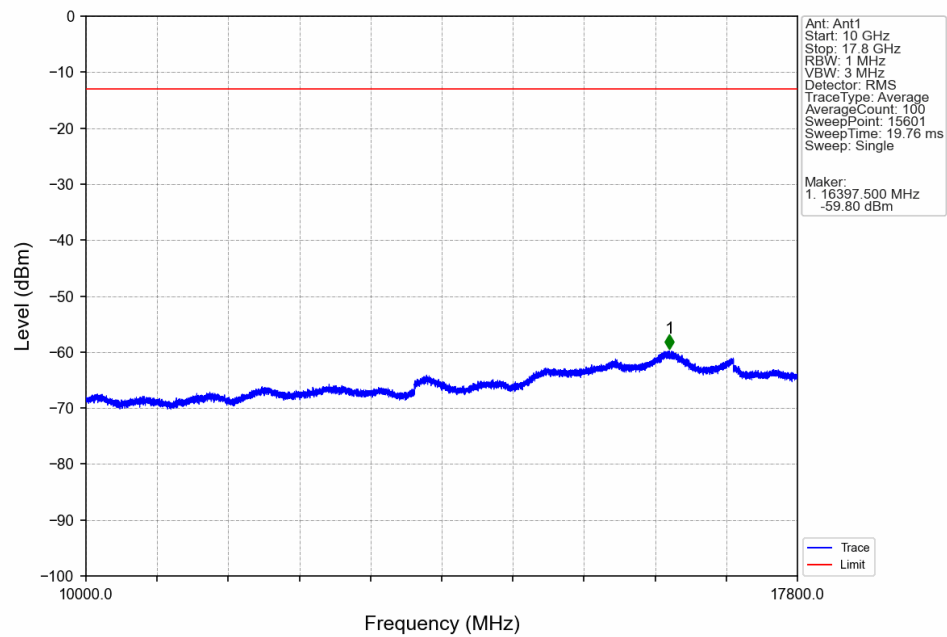




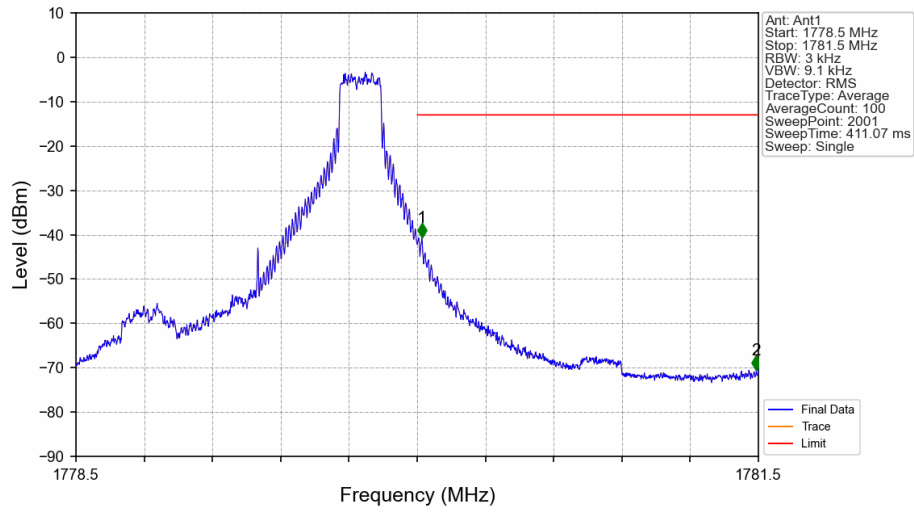
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



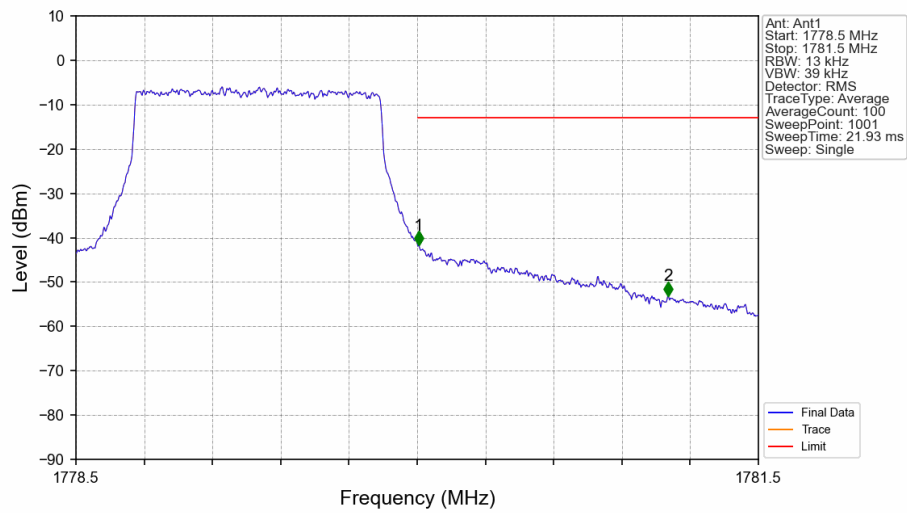
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_0_NTNV



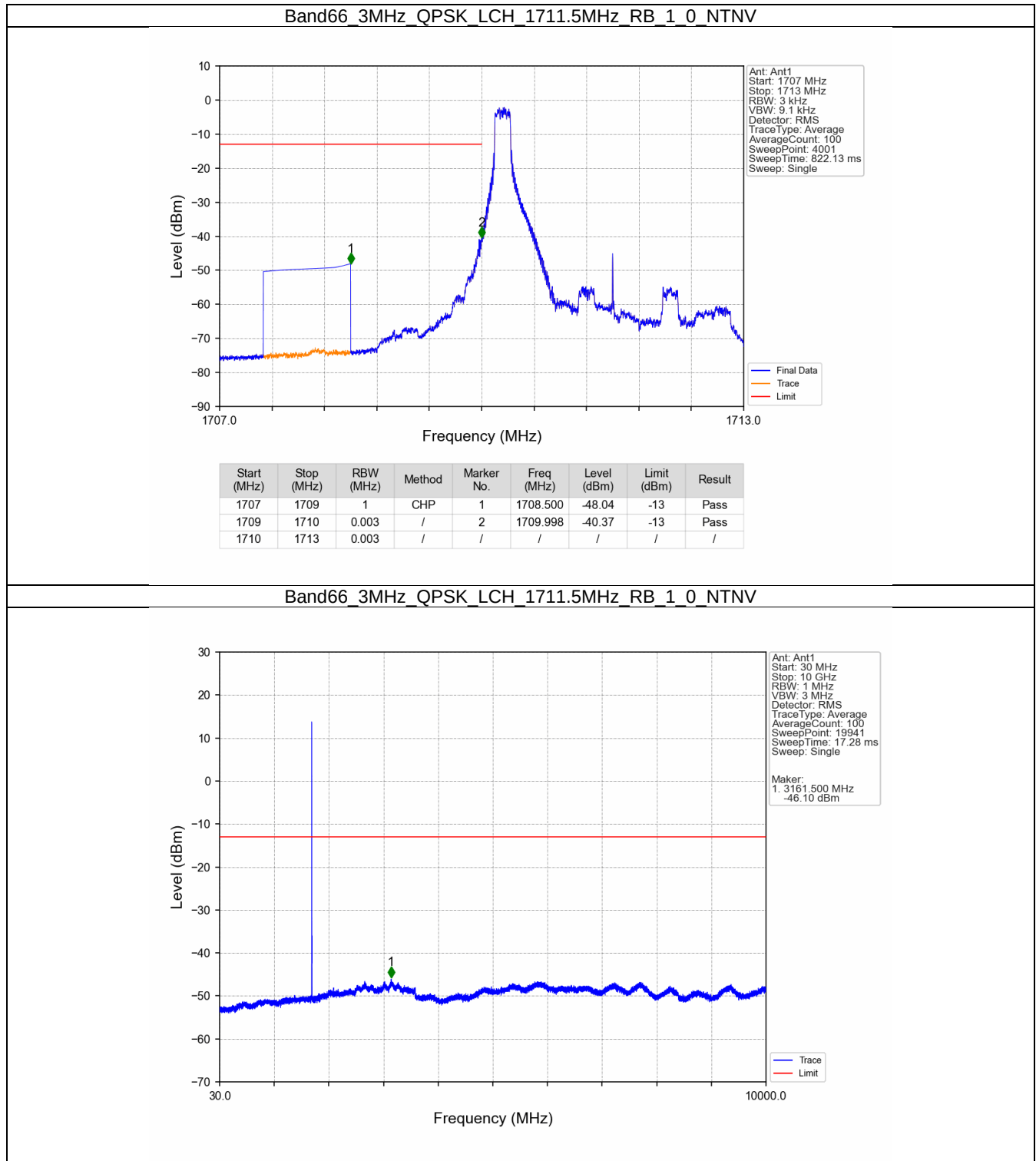
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_1_5_NTNV



Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV

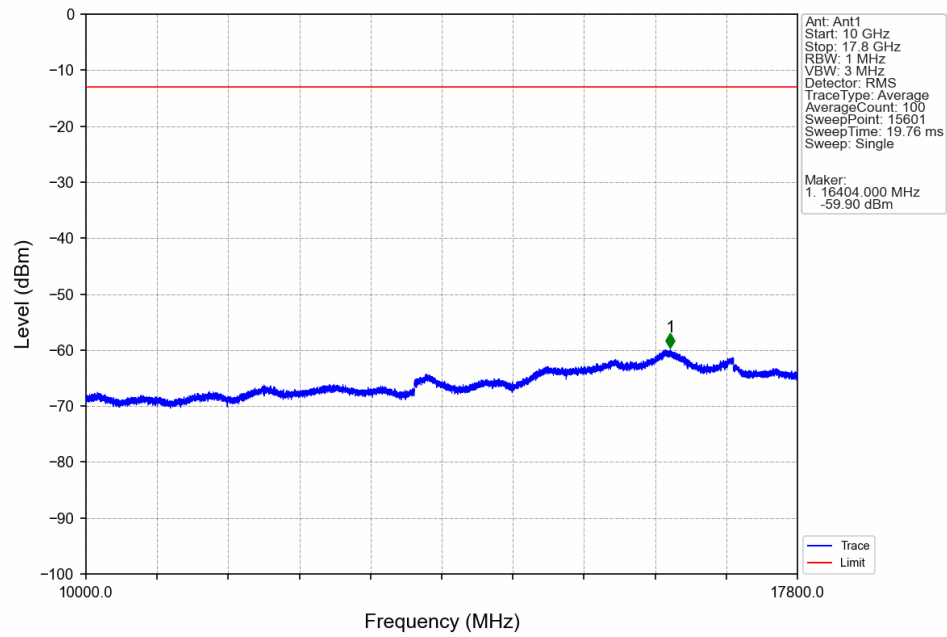


6.2.2 B66_3MHz

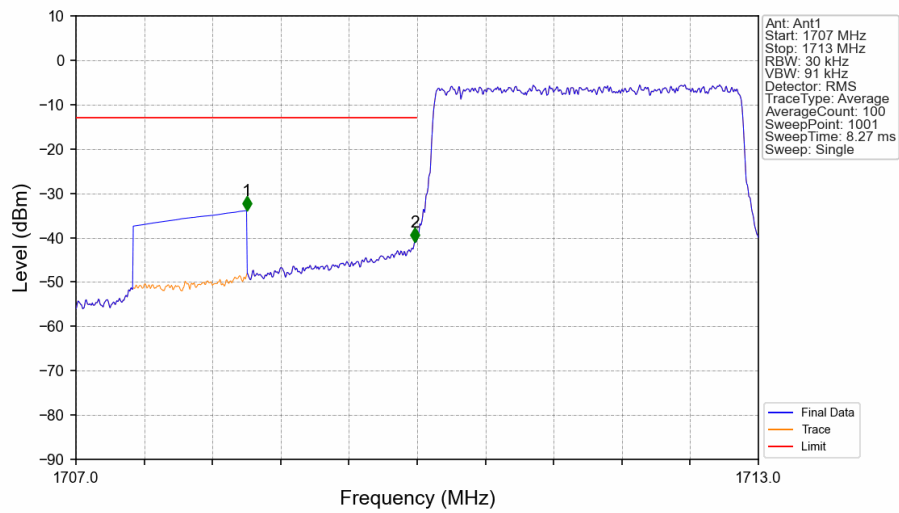




Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



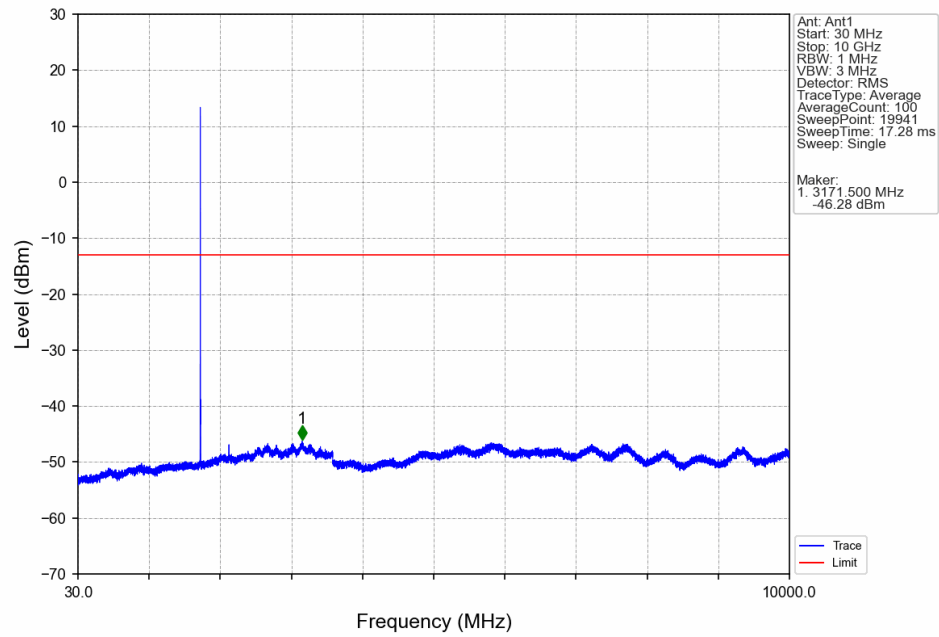
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



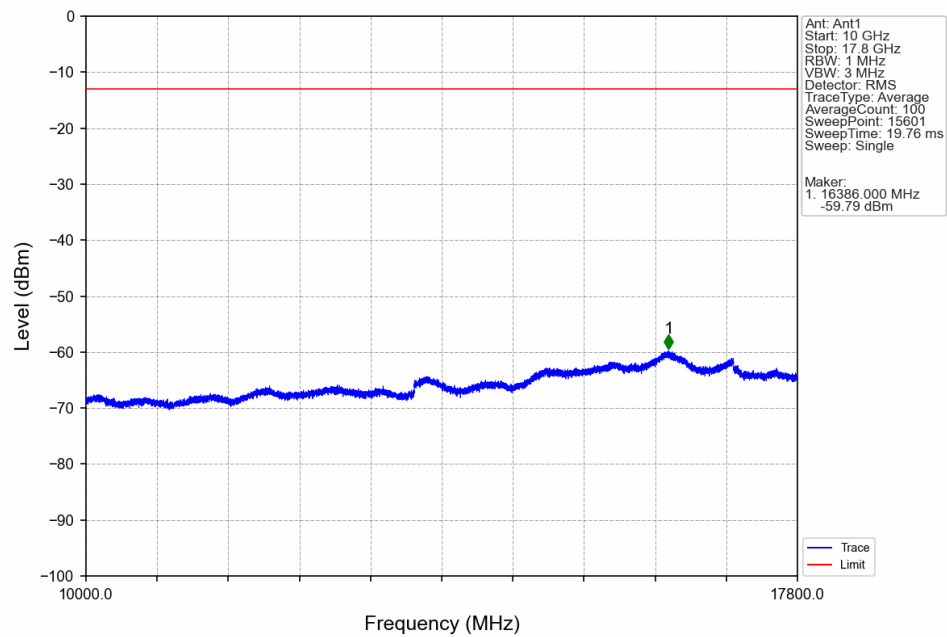
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.90	-13	Pass
1709	1710	0.03	/	2	1709.982	-40.87	-13	Pass
1710	1713	0.03	/	/	/	/	/	/



Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

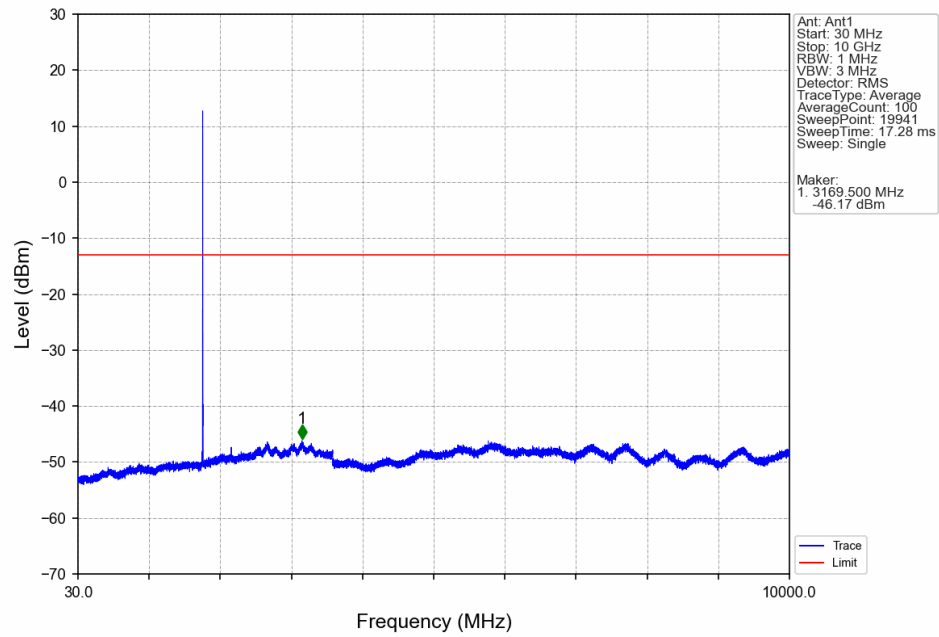


Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV

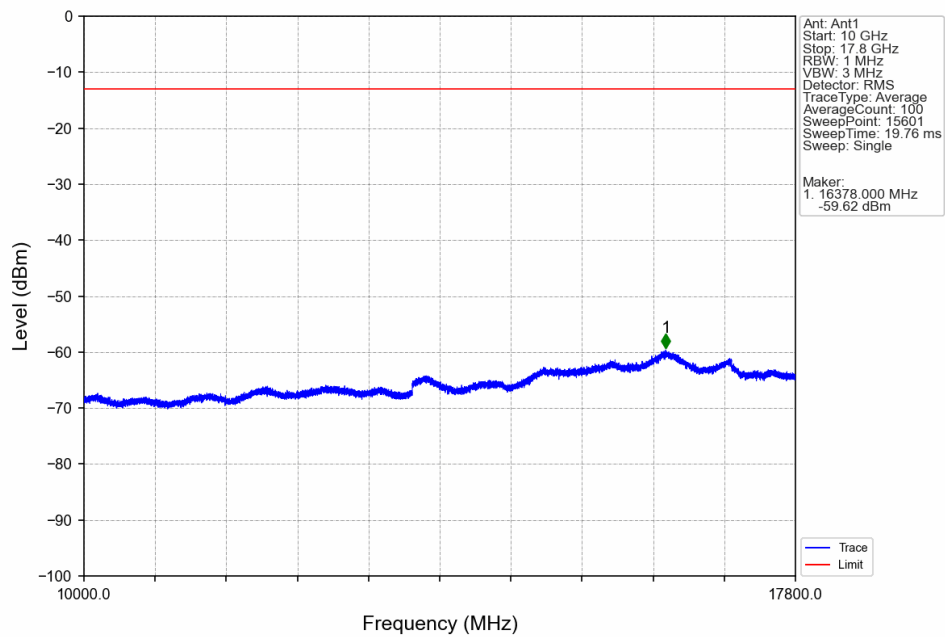




Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

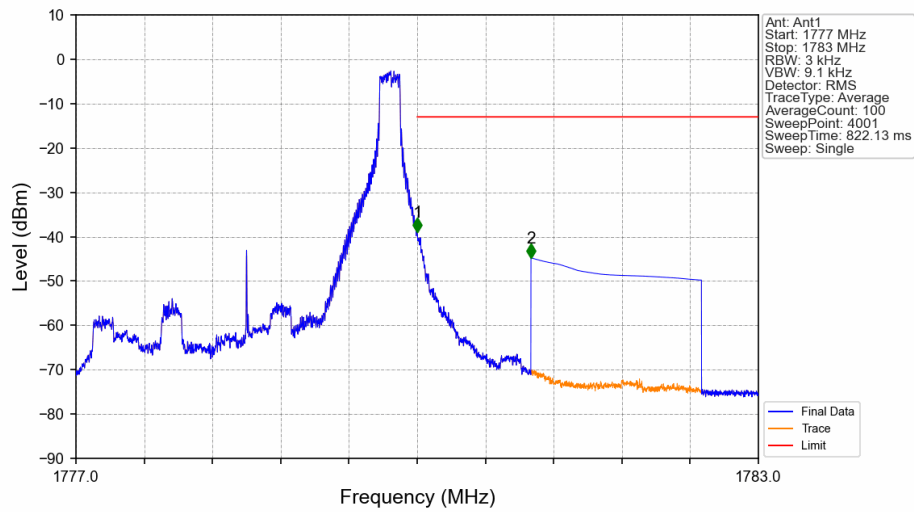


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



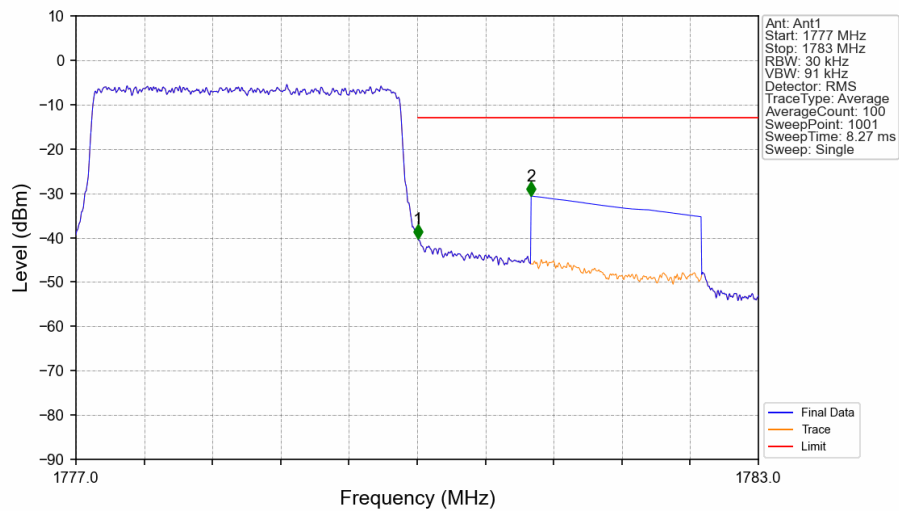


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



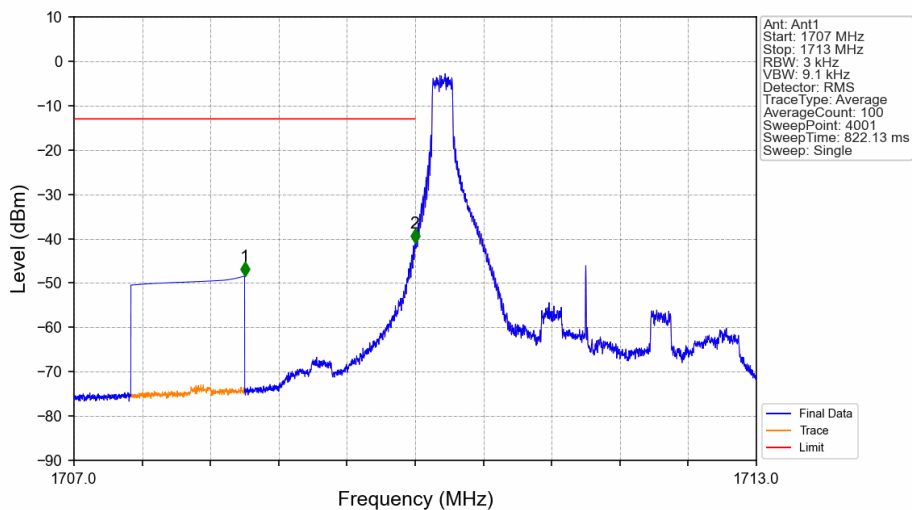
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-38.93	-13	Pass
1781	1783	1	CHP	2	1781.001	-44.74	-13	Pass

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

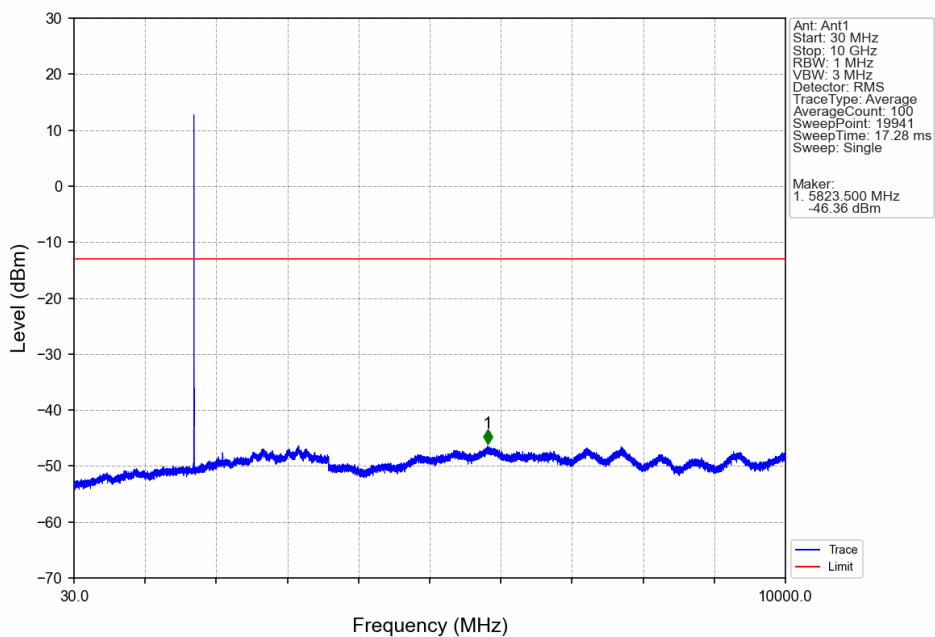


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.006	-40.14	-13	Pass
1781	1783	1	CHP	2	1781.002	-30.63	-13	Pass

Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

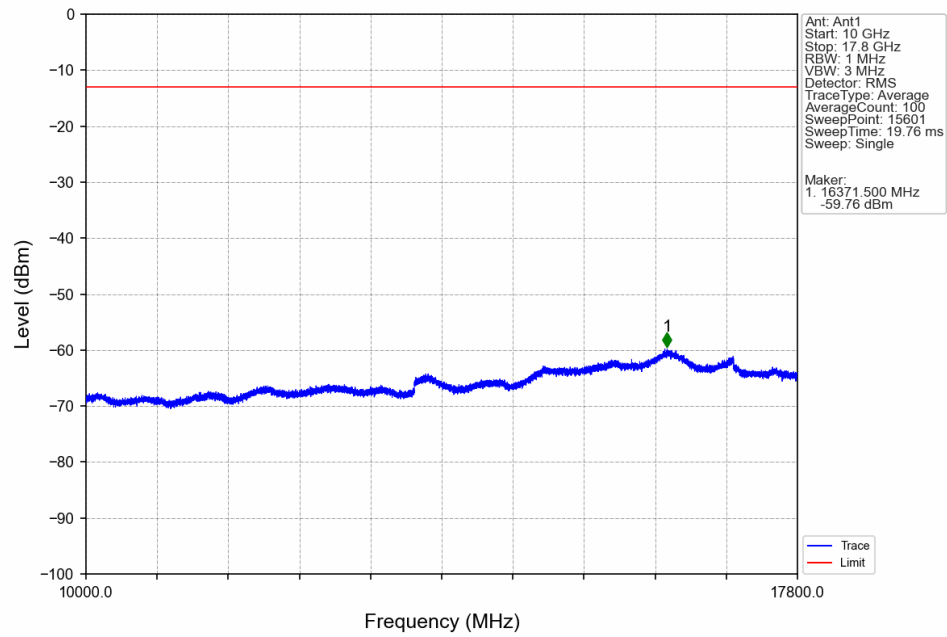


Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

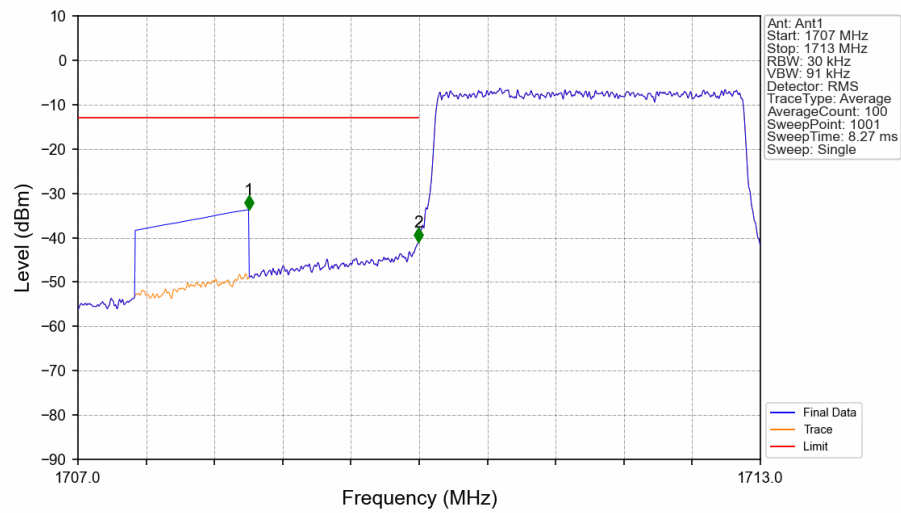




Band66_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



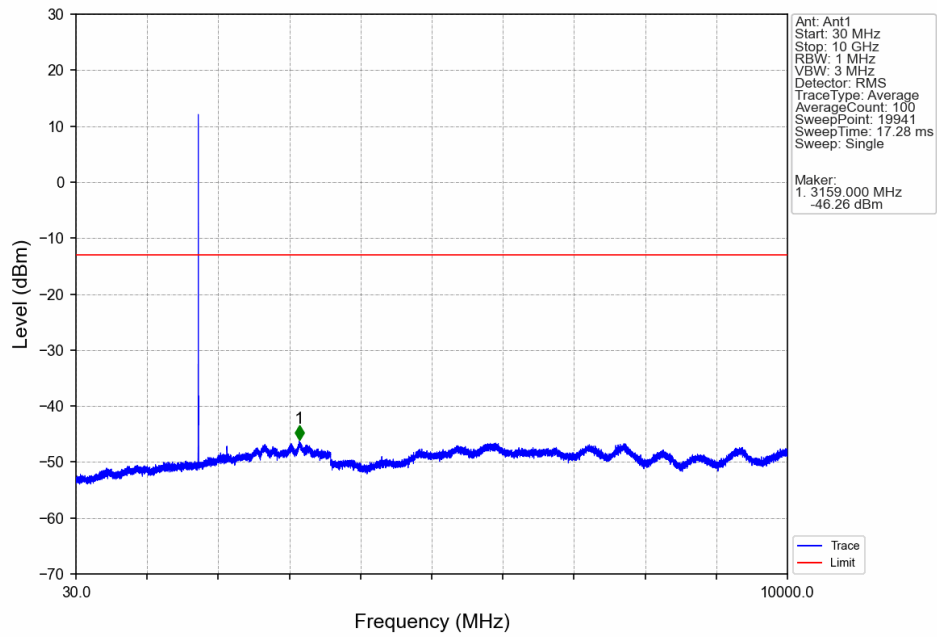
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



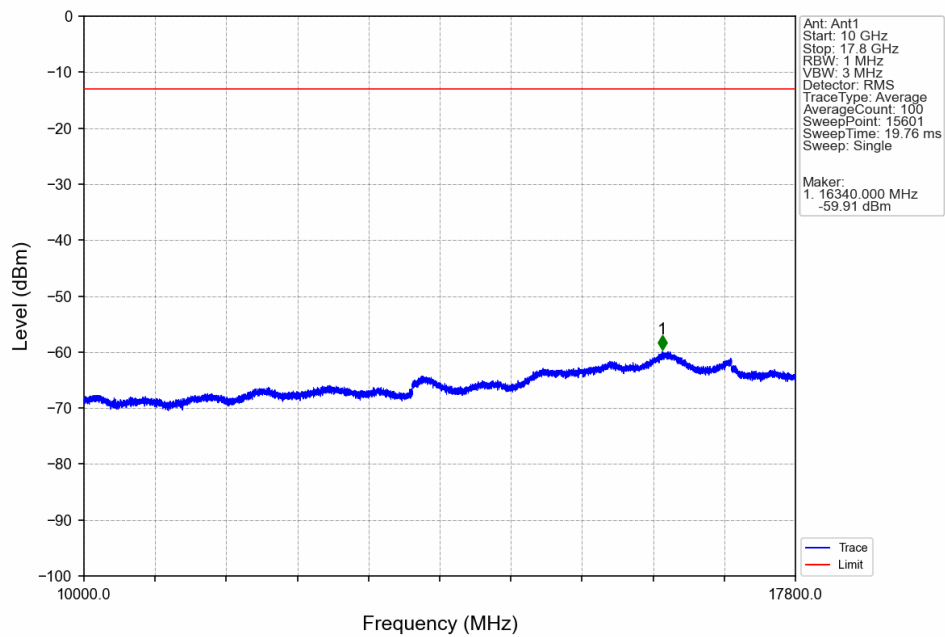
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-33.69	-13	Pass
1709	1710	0.03	/	2	1709.994	-41.01	-13	Pass
1710	1713	0.03	/	/	/	/	/	/



Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV

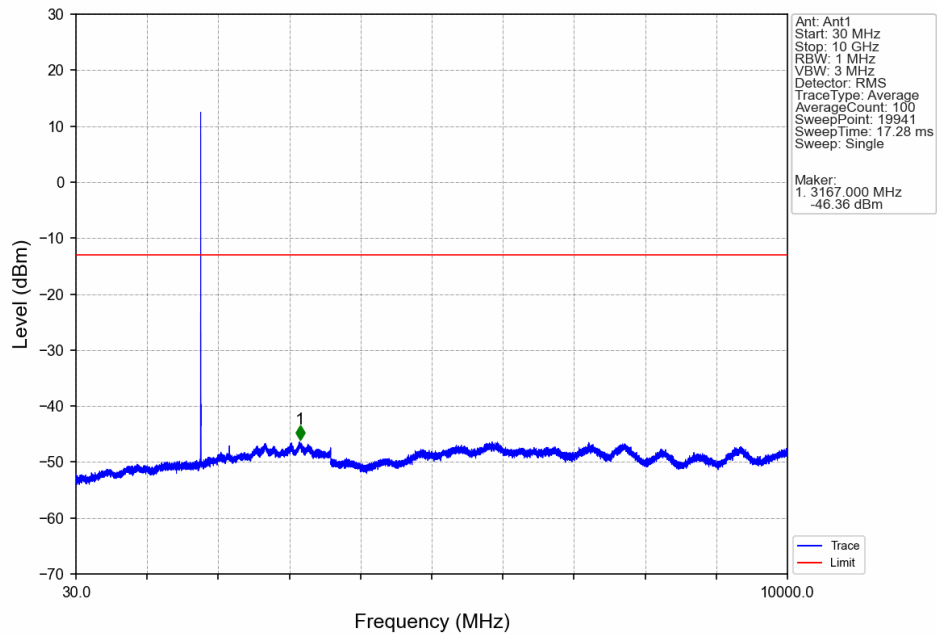


Band66_3MHz_16QAM_MCH_1745MHz_RB_1_0_NTNV





Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_16QAM_HCH_1778.5MHz_RB_1_0_NTNV

