

1.1.1 B66_1.4MHz_EIRP

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	22.36	1.18	23.54	<=30	Pass		
			7	22.37	1.18	23.55	<=30	Pass		
			14	22.25	1.18	23.43	<=30	Pass		
		8	0	21.36	1.18	22.54	<=30	Pass		
			4	21.31	1.18	22.49	<=30	Pass		
			7	21.33	1.18	22.51	<=30	Pass		
		15	0	21.37	1.18	22.55	<=30	Pass		
		1745	1	0	22.32	1.18	23.50	<=30	Pass	
				7	22.18	1.18	23.36	<=30	Pass	
	14			22.04	1.18	23.22	<=30	Pass		
	8		0	21.21	1.18	22.39	<=30	Pass		
			4	21.19	1.18	22.37	<=30	Pass		
			7	21.21	1.18	22.39	<=30	Pass		
	15	0	21.17	1.18	22.35	<=30	Pass			
	1778.5	1	0	22.25	1.18	23.43	<=30	Pass		
			7	22.15	1.18	23.33	<=30	Pass		
			14	22.11	1.18	23.29	<=30	Pass		
		8	0	21.23	1.18	22.41	<=30	Pass		
			4	21.23	1.18	22.41	<=30	Pass		
			7	21.16	1.18	22.34	<=30	Pass		
		15	0	21.28	1.18	22.46	<=30	Pass		
		16QAM	1711.5	1	0	21.86	1.18	23.04	<=30	Pass
					7	21.88	1.18	23.06	<=30	Pass
	14				21.84	1.18	23.02	<=30	Pass	
	8			0	20.52	1.18	21.70	<=30	Pass	
				4	20.55	1.18	21.73	<=30	Pass	
				7	20.47	1.18	21.65	<=30	Pass	
15	0			20.42	1.18	21.60	<=30	Pass		
1745	1			0	21.34	1.18	22.52	<=30	Pass	
				7	21.40	1.18	22.58	<=30	Pass	
			14	21.25	1.18	22.43	<=30	Pass		
	8		0	20.23	1.18	21.41	<=30	Pass		
			4	20.29	1.18	21.47	<=30	Pass		
			7	20.17	1.18	21.35	<=30	Pass		
15	0		20.20	1.18	21.38	<=30	Pass			
1778.5	1		0	21.34	1.18	22.52	<=30	Pass		
			7	21.25	1.18	22.43	<=30	Pass		
			14	21.20	1.18	22.38	<=30	Pass		
	8		0	20.44	1.18	21.62	<=30	Pass		
			4	20.39	1.18	21.57	<=30	Pass		
			7	20.28	1.18	21.46	<=30	Pass		
	15		0	20.28	1.18	21.46	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTVN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1712.5	1	0	22.46	1.18	23.64	<=30	Pass		
			13	22.33	1.18	23.51	<=30	Pass		
			24	22.27	1.18	23.45	<=30	Pass		
		12	0	21.42	1.18	22.60	<=30	Pass		
			6	21.32	1.18	22.50	<=30	Pass		
			13	21.32	1.18	22.50	<=30	Pass		
		25	0	21.38	1.18	22.56	<=30	Pass		
		1745	1	0	22.30	1.18	23.48	<=30	Pass	
				13	22.21	1.18	23.39	<=30	Pass	
	24			22.21	1.18	23.39	<=30	Pass		
	12		0	21.25	1.18	22.43	<=30	Pass		
			6	21.19	1.18	22.37	<=30	Pass		
			13	21.21	1.18	22.39	<=30	Pass		
	25	0	21.28	1.18	22.46	<=30	Pass			
	1777.5	1	0	22.41	1.18	23.59	<=30	Pass		
			13	22.07	1.18	23.25	<=30	Pass		
			24	22.11	1.18	23.29	<=30	Pass		
		12	0	21.31	1.18	22.49	<=30	Pass		
			6	21.24	1.18	22.42	<=30	Pass		
			13	21.24	1.18	22.42	<=30	Pass		
		25	0	21.30	1.18	22.48	<=30	Pass		
		16QAM	1712.5	1	0	21.60	1.18	22.78	<=30	Pass
					13	21.49	1.18	22.67	<=30	Pass
	24				21.42	1.18	22.60	<=30	Pass	
	12			0	20.39	1.18	21.57	<=30	Pass	
				6	20.36	1.18	21.54	<=30	Pass	
				13	20.36	1.18	21.54	<=30	Pass	
25	0			20.38	1.18	21.56	<=30	Pass		
1745	1			0	21.10	1.18	22.28	<=30	Pass	
				13	21.00	1.18	22.18	<=30	Pass	
			24	21.07	1.18	22.25	<=30	Pass		
	12		0	20.32	1.18	21.50	<=30	Pass		
			6	20.29	1.18	21.47	<=30	Pass		
			13	20.20	1.18	21.38	<=30	Pass		
25	0		20.27	1.18	21.45	<=30	Pass			
1777.5	1		0	21.73	1.18	22.91	<=30	Pass		
			13	21.43	1.18	22.61	<=30	Pass		
			24	21.38	1.18	22.56	<=30	Pass		
	12		0	20.39	1.18	21.57	<=30	Pass		
			6	20.36	1.18	21.54	<=30	Pass		
			13	20.35	1.18	21.53	<=30	Pass		
	25		0	20.27	1.18	21.45	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1715	1	0	21.82	1.18	23.00	<=30	Pass		
			25	22.34	1.18	23.52	<=30	Pass		
			49	22.74	1.18	23.92	<=30	Pass		
		25	0	21.29	1.18	22.47	<=30	Pass		
			13	21.39	1.18	22.57	<=30	Pass		
			25	21.48	1.18	22.66	<=30	Pass		
		50	0	21.39	1.18	22.57	<=30	Pass		
		1745	1	0	21.68	1.18	22.86	<=30	Pass	
				25	22.22	1.18	23.40	<=30	Pass	
	49			22.53	1.18	23.71	<=30	Pass		
	25		0	21.21	1.18	22.39	<=30	Pass		
			13	21.23	1.18	22.41	<=30	Pass		
			25	21.33	1.18	22.51	<=30	Pass		
	50	0	21.28	1.18	22.46	<=30	Pass			
	1775	1	0	21.59	1.18	22.77	<=30	Pass		
			25	22.19	1.18	23.37	<=30	Pass		
			49	22.66	1.18	23.84	<=30	Pass		
		25	0	21.28	1.18	22.46	<=30	Pass		
			13	21.27	1.18	22.45	<=30	Pass		
			25	21.32	1.18	22.50	<=30	Pass		
		50	0	21.27	1.18	22.45	<=30	Pass		
		16QAM	1715	1	0	21.35	1.18	22.53	<=30	Pass
					25	21.86	1.18	23.04	<=30	Pass
	49				22.36	1.18	23.54	<=30	Pass	
	25			0	20.30	1.18	21.48	<=30	Pass	
				13	20.41	1.18	21.59	<=30	Pass	
				25	20.50	1.18	21.68	<=30	Pass	
50	0			20.33	1.18	21.51	<=30	Pass		
1745	1			0	20.88	1.18	22.06	<=30	Pass	
				25	21.56	1.18	22.74	<=30	Pass	
			49	21.92	1.18	23.10	<=30	Pass		
	25		0	20.20	1.18	21.38	<=30	Pass		
			13	20.29	1.18	21.47	<=30	Pass		
			25	20.42	1.18	21.60	<=30	Pass		
50	0		20.23	1.18	21.41	<=30	Pass			
1775	1		0	20.60	1.18	21.78	<=30	Pass		
			25	21.37	1.18	22.55	<=30	Pass		
			49	21.86	1.18	23.04	<=30	Pass		
	25		0	20.28	1.18	21.46	<=30	Pass		
			13	20.35	1.18	21.53	<=30	Pass		
			25	20.40	1.18	21.58	<=30	Pass		
	50		0	20.29	1.18	21.47	<=30	Pass		
	Note1: EIRP=Conducted Power+Antenna Gain									

1.1.5 B66_15MHz_EIRP

Band: 66 / Bandwidth: 15MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1717.5	1	0	22.85	1.18	24.03	<=30	Pass		
			38	22.18	1.18	23.36	<=30	Pass		
			74	22.36	1.18	23.54	<=30	Pass		
		36	0	21.16	1.18	22.34	<=30	Pass		
			18	21.15	1.18	22.33	<=30	Pass		
			39	21.09	1.18	22.27	<=30	Pass		
		75	0	21.15	1.18	22.33	<=30	Pass		
		1745	1	0	22.29	1.18	23.47	<=30	Pass	
				38	22.21	1.18	23.39	<=30	Pass	
	74			22.09	1.18	23.27	<=30	Pass		
	36		0	21.08	1.18	22.26	<=30	Pass		
			18	21.02	1.18	22.20	<=30	Pass		
			39	21.04	1.18	22.22	<=30	Pass		
	75	0	21.12	1.18	22.30	<=30	Pass			
	1772.5	1	0	22.53	1.18	23.71	<=30	Pass		
			38	22.04	1.18	23.22	<=30	Pass		
			74	22.10	1.18	23.28	<=30	Pass		
		36	0	21.20	1.18	22.38	<=30	Pass		
			18	21.13	1.18	22.31	<=30	Pass		
			39	21.16	1.18	22.34	<=30	Pass		
		75	0	21.16	1.18	22.34	<=30	Pass		
		16QAM	1717.5	1	0	21.91	1.18	23.09	<=30	Pass
					38	21.82	1.18	23.00	<=30	Pass
	74				21.85	1.18	23.03	<=30	Pass	
36	0			20.23	1.18	21.41	<=30	Pass		
	18			20.26	1.18	21.44	<=30	Pass		
	39			20.14	1.18	21.32	<=30	Pass		
75	0			20.15	1.18	21.33	<=30	Pass		
1745	1			0	21.57	1.18	22.75	<=30	Pass	
				38	21.19	1.18	22.37	<=30	Pass	
			74	21.32	1.18	22.50	<=30	Pass		
	36		0	20.11	1.18	21.29	<=30	Pass		
			18	20.06	1.18	21.24	<=30	Pass		
			39	20.07	1.18	21.25	<=30	Pass		
75	0		20.13	1.18	21.31	<=30	Pass			
1772.5	1		0	21.69	1.18	22.87	<=30	Pass		
			38	21.40	1.18	22.58	<=30	Pass		
			74	21.40	1.18	22.58	<=30	Pass		
	36		0	20.17	1.18	21.35	<=30	Pass		
			18	20.10	1.18	21.28	<=30	Pass		
			39	20.10	1.18	21.28	<=30	Pass		
75	0		20.08	1.18	21.26	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1720	1	0	21.97	1.18	23.15	<=30	Pass		
			50	22.19	1.18	23.37	<=30	Pass		
			99	22.40	1.18	23.58	<=30	Pass		
		50	0	21.09	1.18	22.27	<=30	Pass		
			25	21.12	1.18	22.30	<=30	Pass		
			50	21.17	1.18	22.35	<=30	Pass		
		100	0	21.12	1.18	22.30	<=30	Pass		
		1745	1	0	21.97	1.18	23.15	<=30	Pass	
				50	22.23	1.18	23.41	<=30	Pass	
	99			22.32	1.18	23.50	<=30	Pass		
	50		0	21.04	1.18	22.22	<=30	Pass		
			25	21.19	1.18	22.37	<=30	Pass		
			50	21.18	1.18	22.36	<=30	Pass		
	100	0	21.19	1.18	22.37	<=30	Pass			
	1770	1	0	22.03	1.18	23.21	<=30	Pass		
			50	22.46	1.18	23.64	<=30	Pass		
			99	22.59	1.18	23.77	<=30	Pass		
		50	0	21.16	1.18	22.34	<=30	Pass		
			25	21.14	1.18	22.32	<=30	Pass		
			50	21.19	1.18	22.37	<=30	Pass		
		100	0	21.15	1.18	22.33	<=30	Pass		
		16QAM	1720	1	0	21.27	1.18	22.45	<=30	Pass
					50	21.39	1.18	22.57	<=30	Pass
	99				21.84	1.18	23.02	<=30	Pass	
50	0			20.14	1.18	21.32	<=30	Pass		
	25			20.20	1.18	21.38	<=30	Pass		
	50			20.26	1.18	21.44	<=30	Pass		
100	0			20.16	1.18	21.34	<=30	Pass		
1745	1		0	21.15	1.18	22.33	<=30	Pass		
			50	21.23	1.18	22.41	<=30	Pass		
			99	21.60	1.18	22.78	<=30	Pass		
	50		0	20.04	1.18	21.22	<=30	Pass		
			25	20.16	1.18	21.34	<=30	Pass		
			50	20.13	1.18	21.31	<=30	Pass		
100	0		20.15	1.18	21.33	<=30	Pass			
1770	1		0	21.65	1.18	22.83	<=30	Pass		
		50	21.77	1.18	22.95	<=30	Pass			
		99	21.78	1.18	22.96	<=30	Pass			
	50	0	20.15	1.18	21.33	<=30	Pass			
		25	20.13	1.18	21.31	<=30	Pass			
		50	20.25	1.18	21.43	<=30	Pass			
	100	0	20.17	1.18	21.35	<=30	Pass			
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 Test Result

2.1.1 B66_10MHz

Band: 66 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1745	50	0	20	3.27	-1.942	-0.0011	-2.5 to 2.5	Pass
					3.85	-2.104	-0.0012	-2.5 to 2.5	Pass
					4.43	-2.379	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.055	-0.0012	-2.5 to 2.5	Pass
				-20	3.85	-2.315	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-3.257	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-2.885	-0.0017	-2.5 to 2.5	Pass
				10	3.85	-2.882	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.156	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-2.204	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-3.575	-0.0020	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

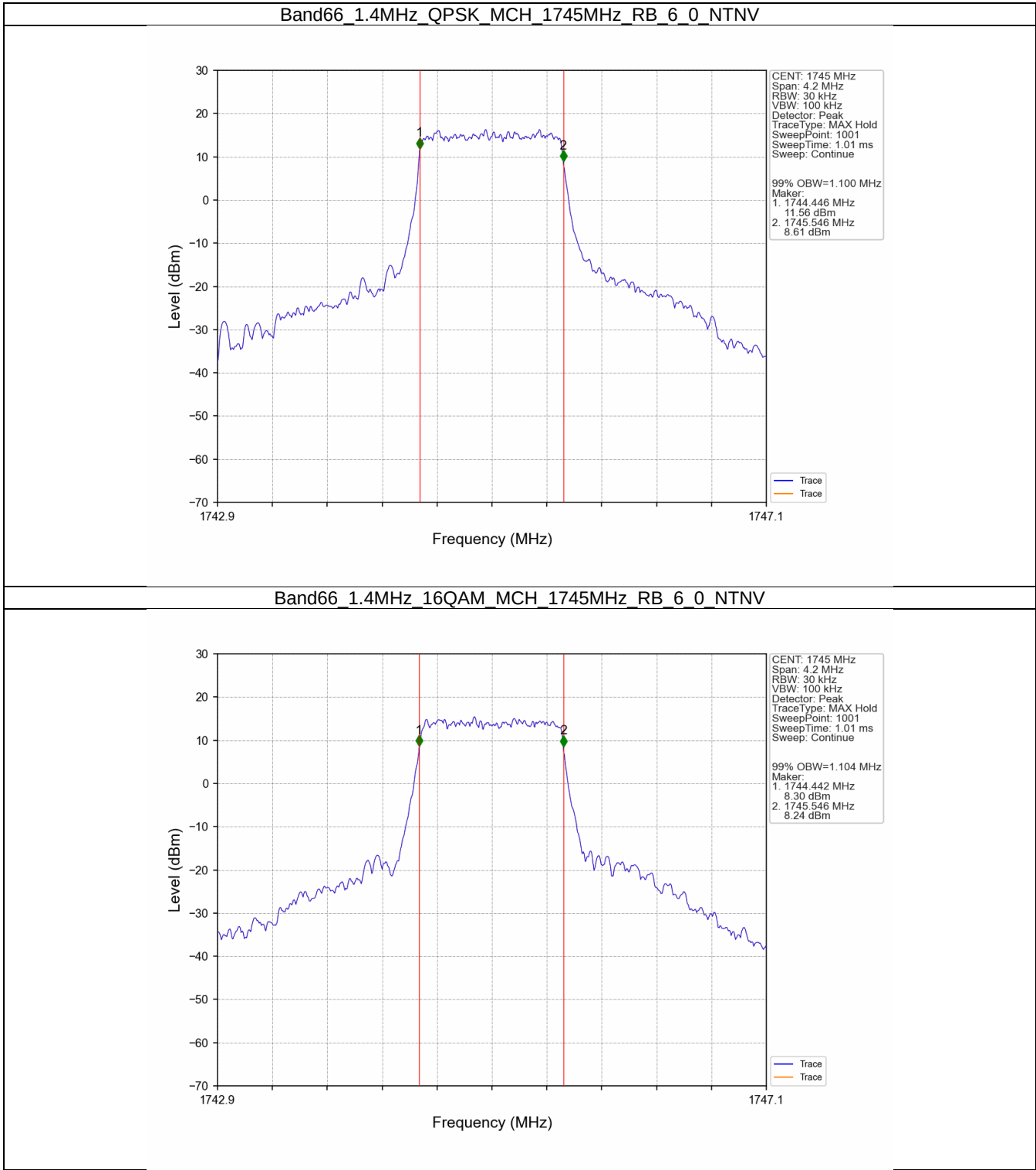
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.100	/	Pass
	16QAM	1745	6	0	1.104	/	Pass
3	QPSK	1745	15	0	2.747	/	Pass
	16QAM	1745	15	0	2.736	/	Pass
5	QPSK	1745	25	0	4.533	/	Pass
	16QAM	1745	25	0	4.521	/	Pass
10	QPSK	1745	50	0	8.992	/	Pass
	16QAM	1745	50	0	8.989	/	Pass
15	QPSK	1745	75	0	13.469	/	Pass
	16QAM	1745	75	0	13.439	/	Pass
20	QPSK	1745	100	0	17.944	/	Pass
	16QAM	1745	100	0	17.960	/	Pass

3.1.2 Band66_XDB

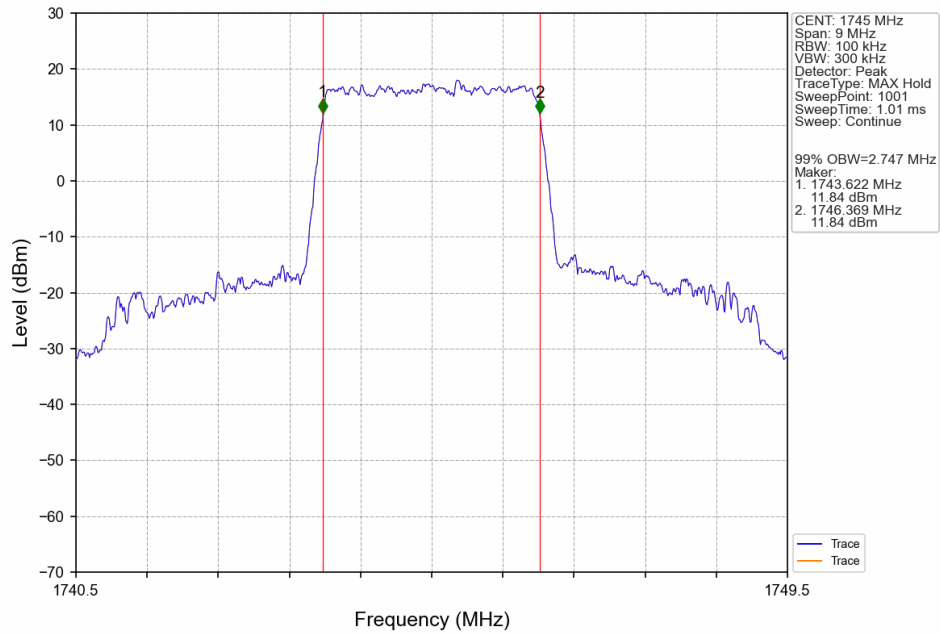
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.297	/	Pass
	16QAM	1745	6	0	1.315	/	Pass
3	QPSK	1745	15	0	3.081	/	Pass
	16QAM	1745	15	0	2.964	/	Pass
5	QPSK	1745	25	0	5.010	/	Pass
	16QAM	1745	25	0	5.018	/	Pass
10	QPSK	1745	50	0	9.900	/	Pass
	16QAM	1745	50	0	9.816	/	Pass
15	QPSK	1745	75	0	14.427	/	Pass
	16QAM	1745	75	0	14.739	/	Pass
20	QPSK	1745	100	0	19.621	/	Pass
	16QAM	1745	100	0	19.516	/	Pass

3.2 Test Graph

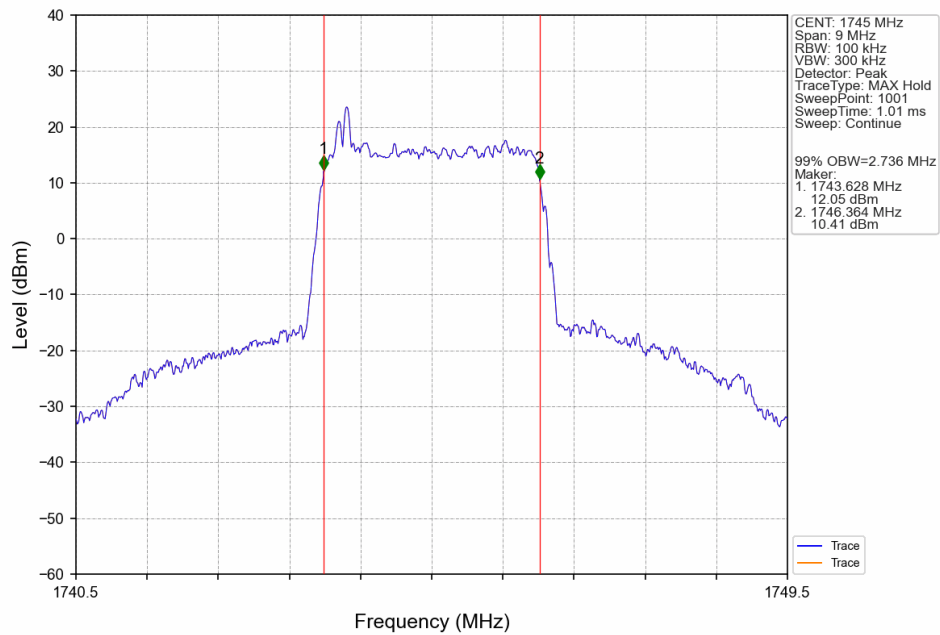
3.2.1 Band66_OBW



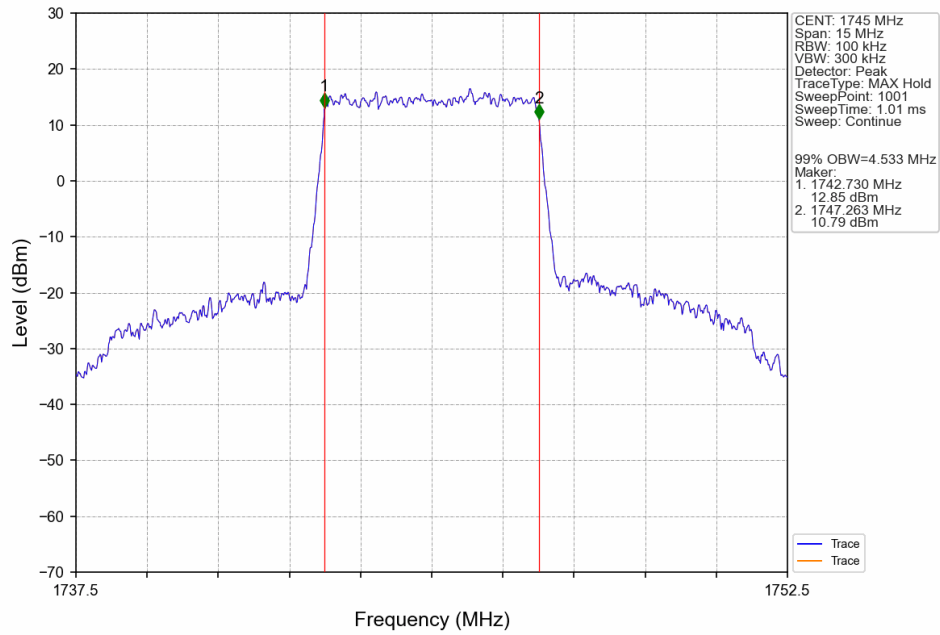
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



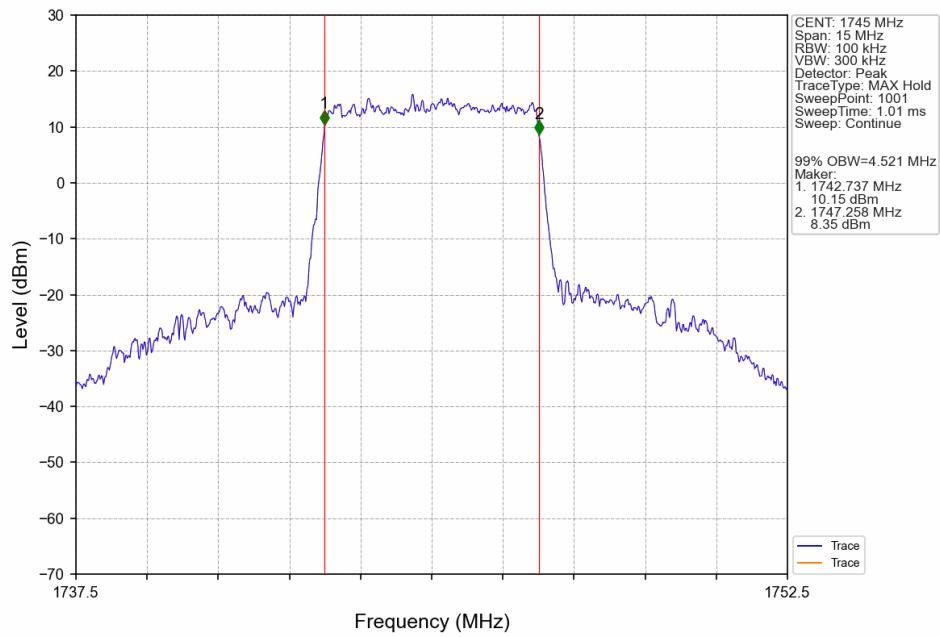
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



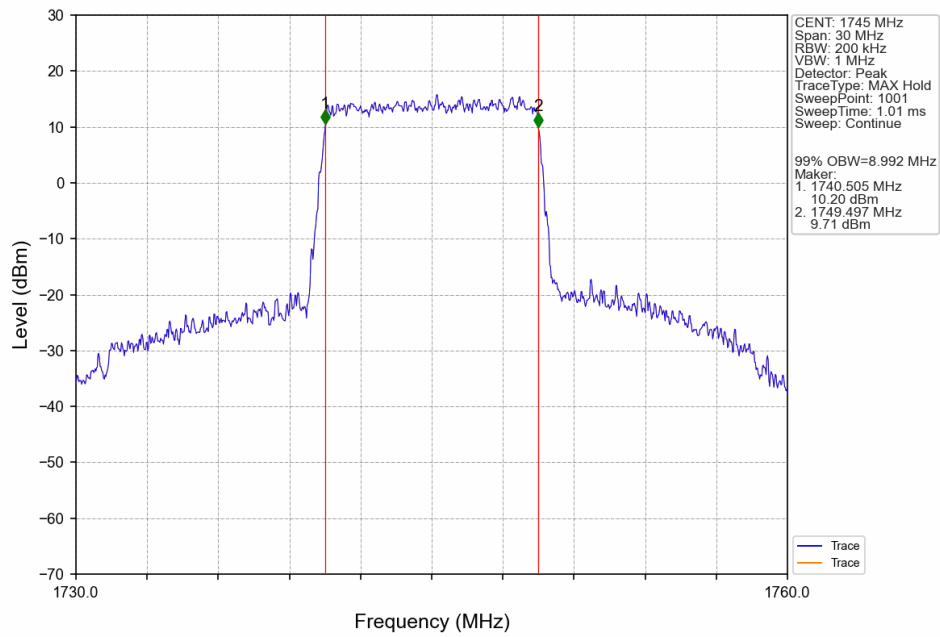
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



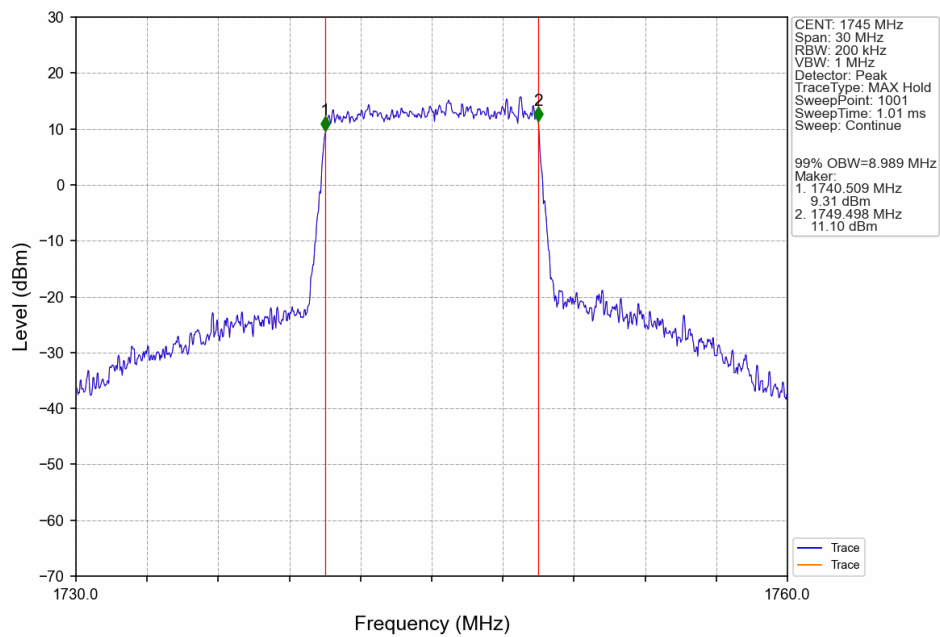
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



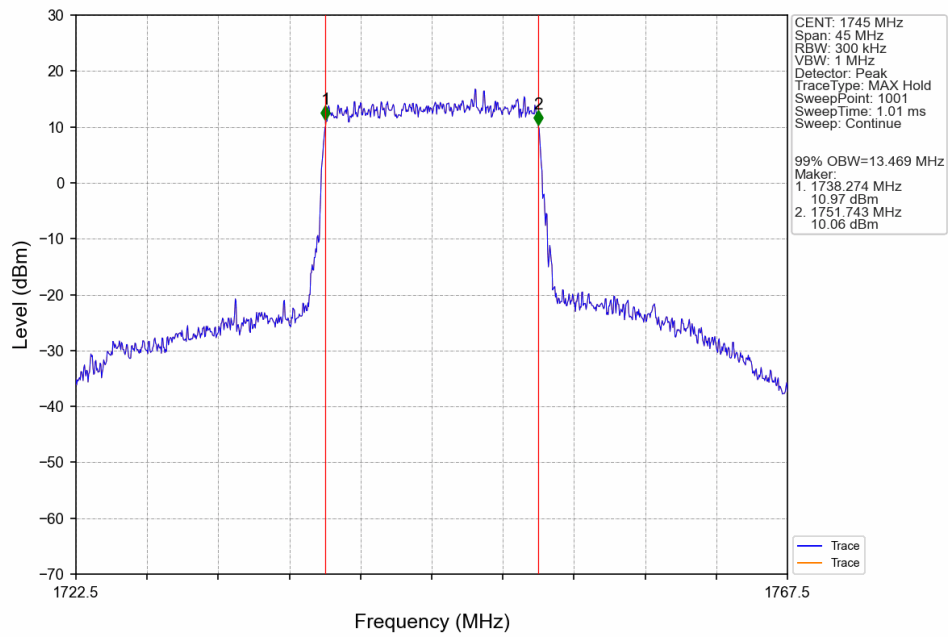
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



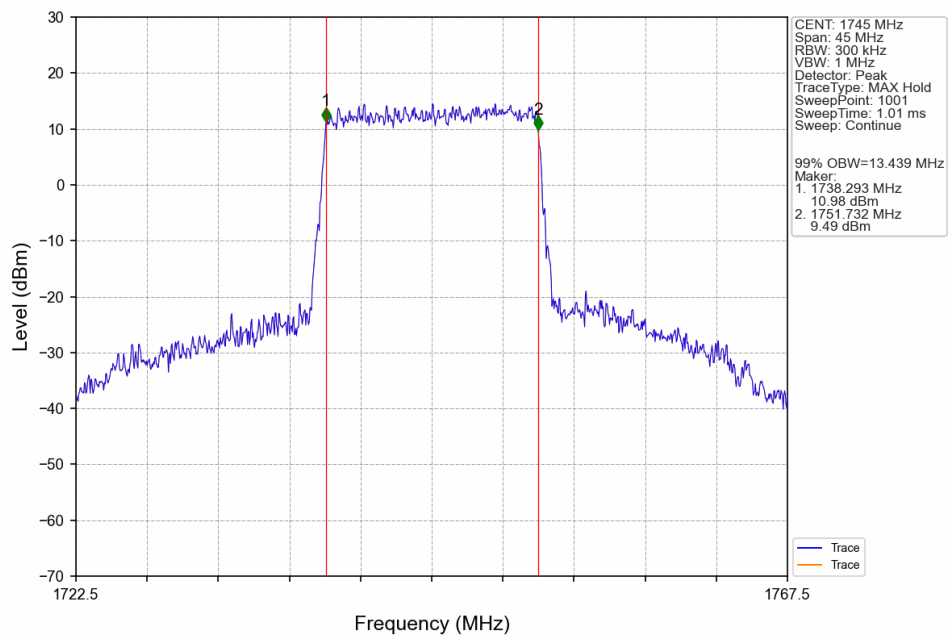
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



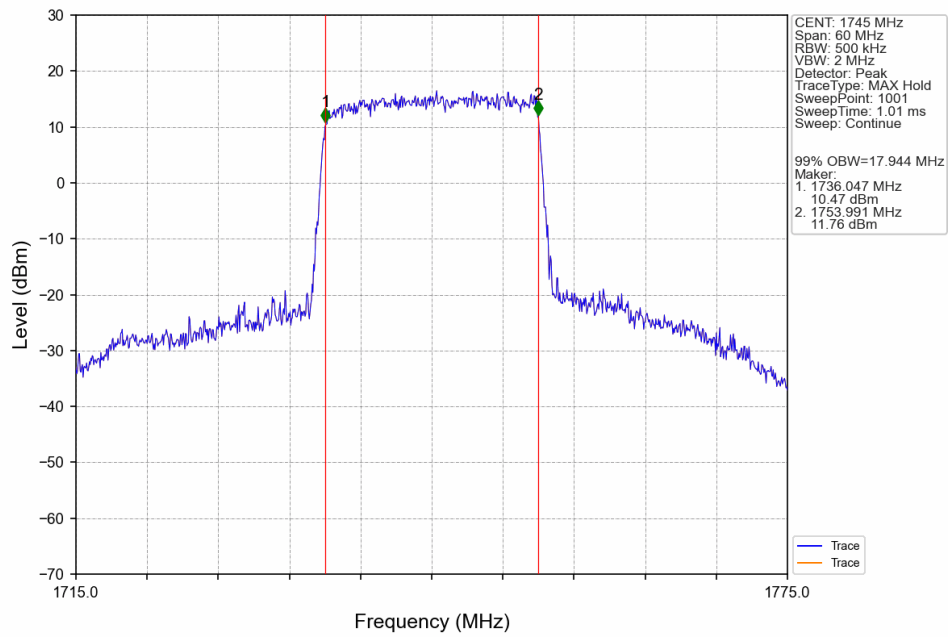
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



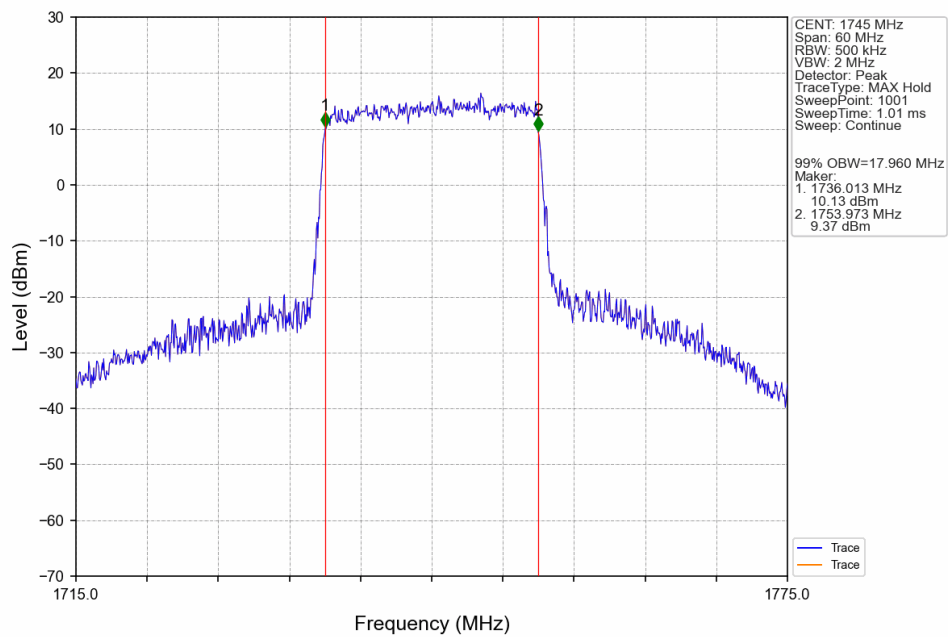
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



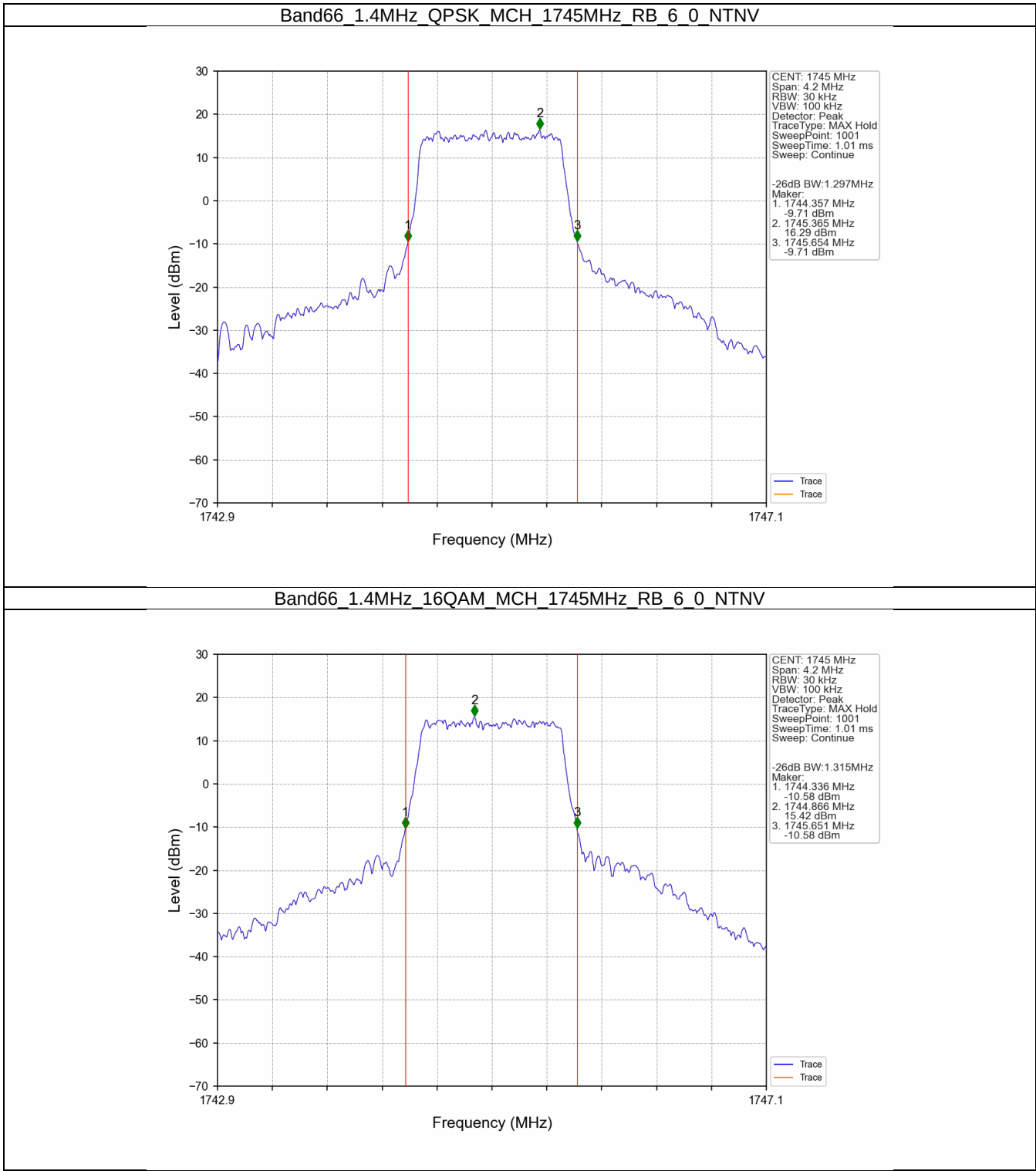
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



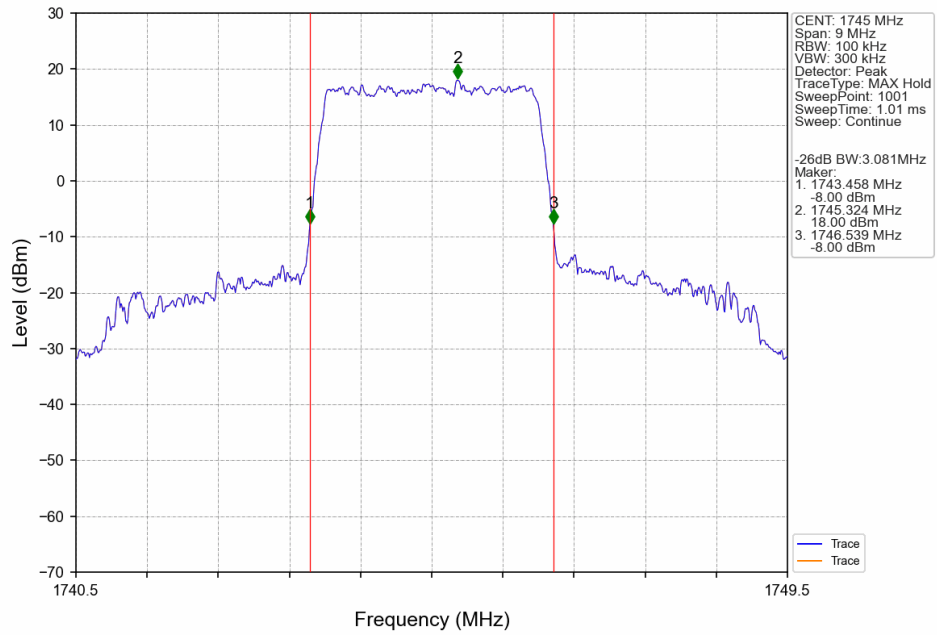
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



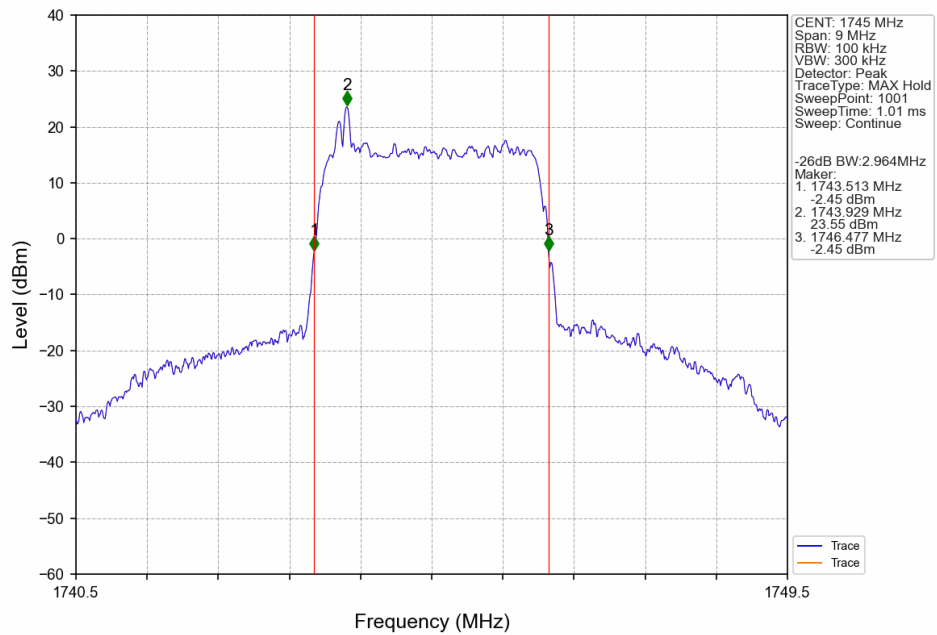
3.2.2 Band66_XDB



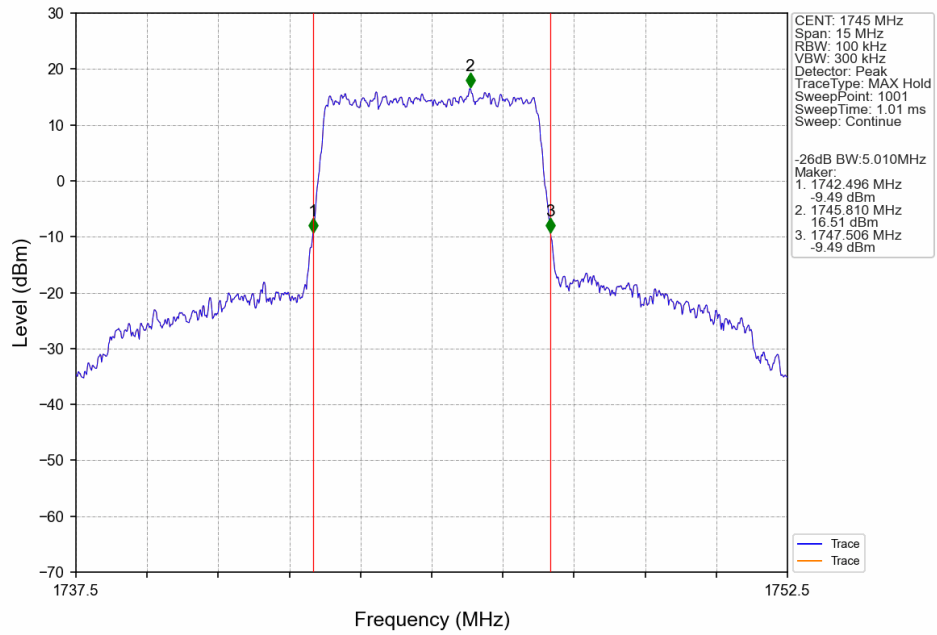
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



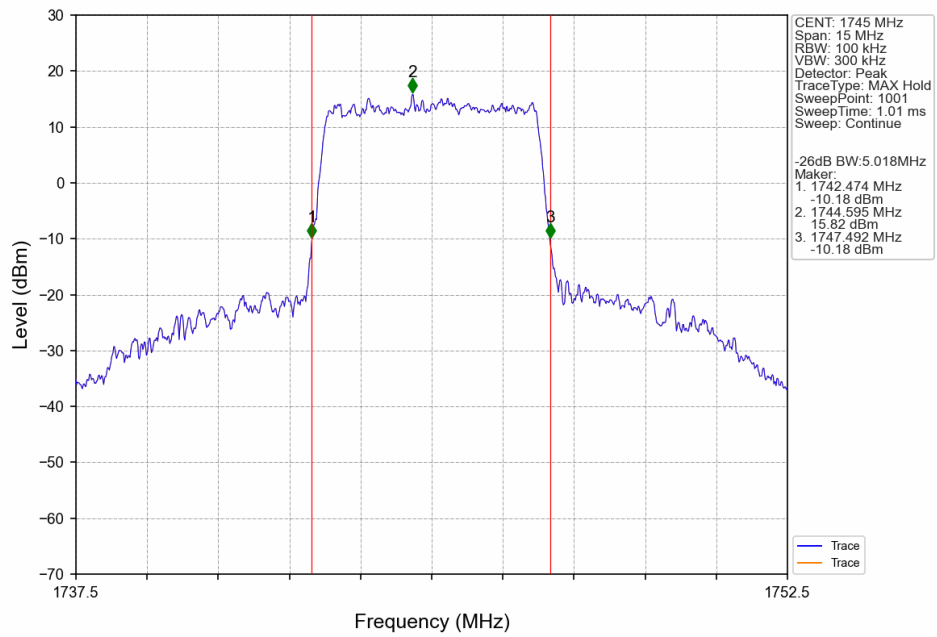
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



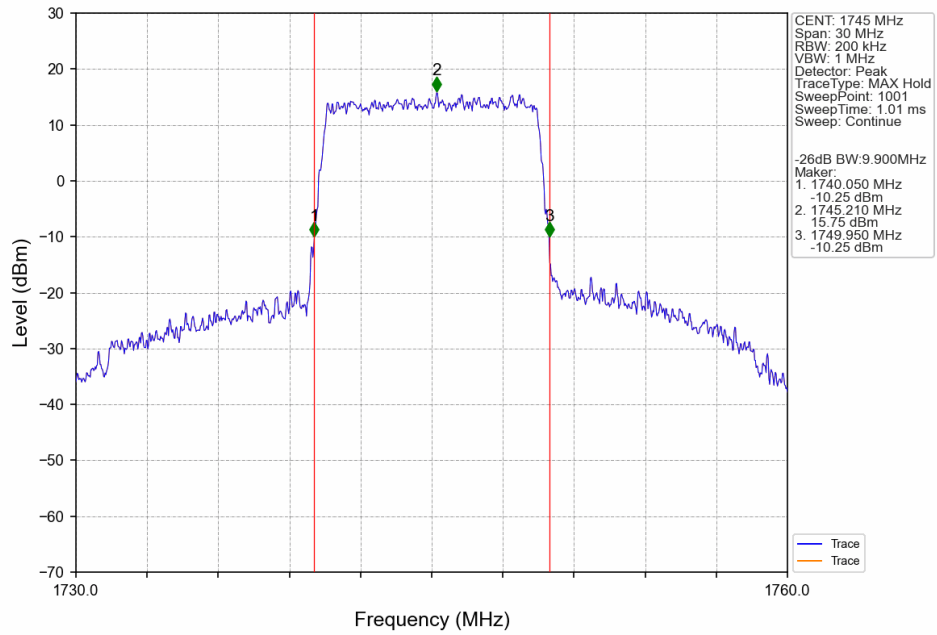
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



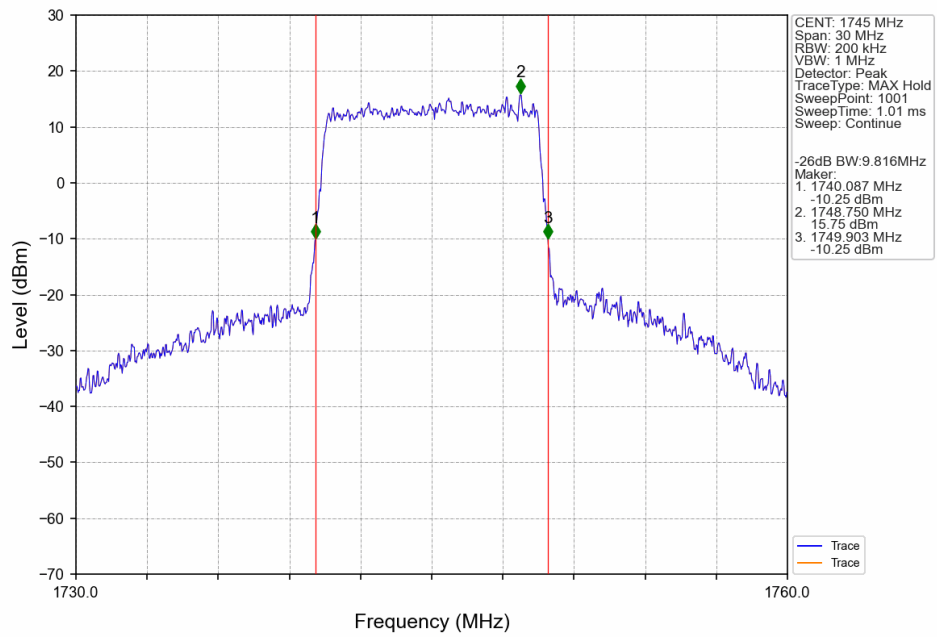
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



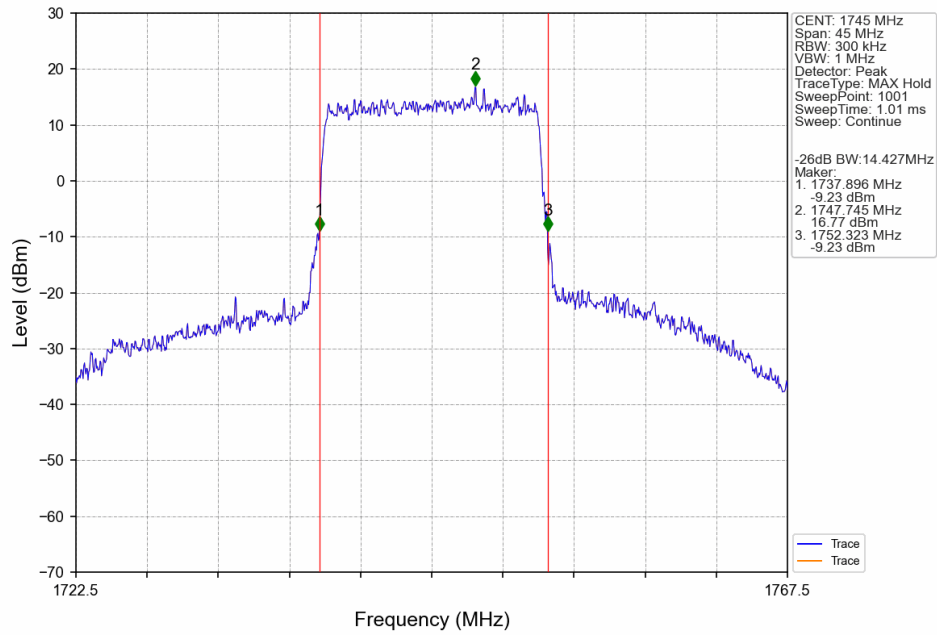
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



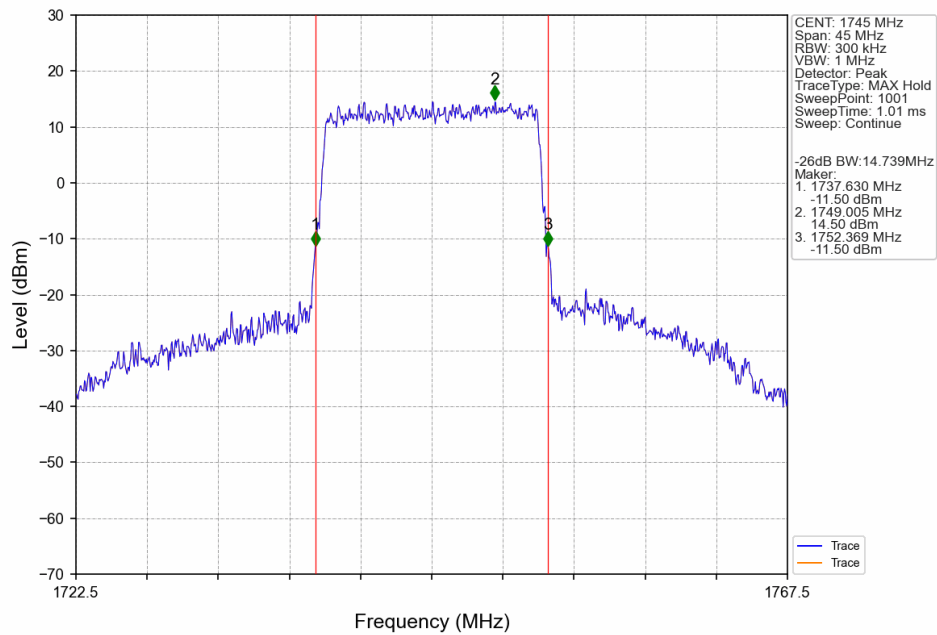
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



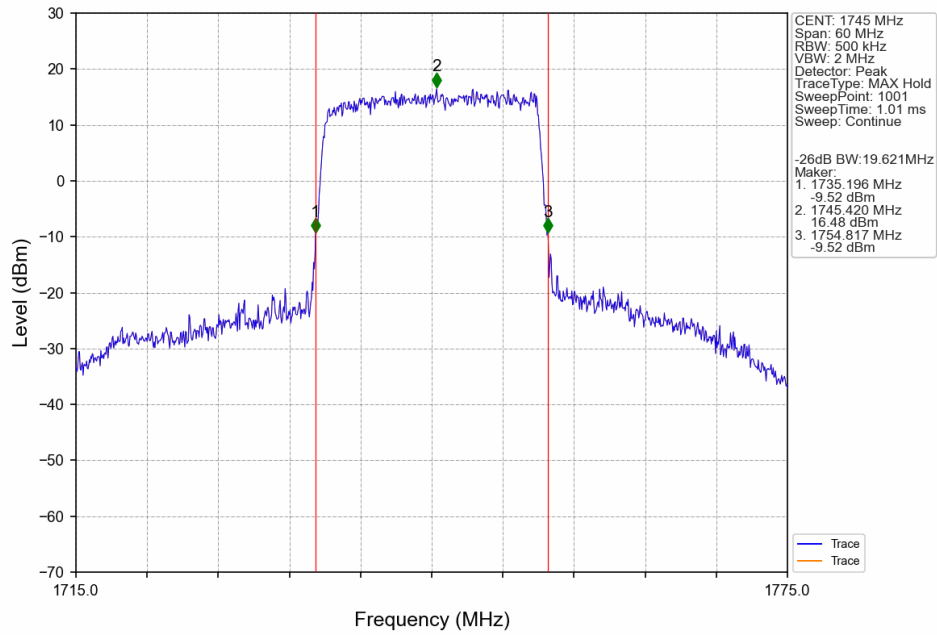
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



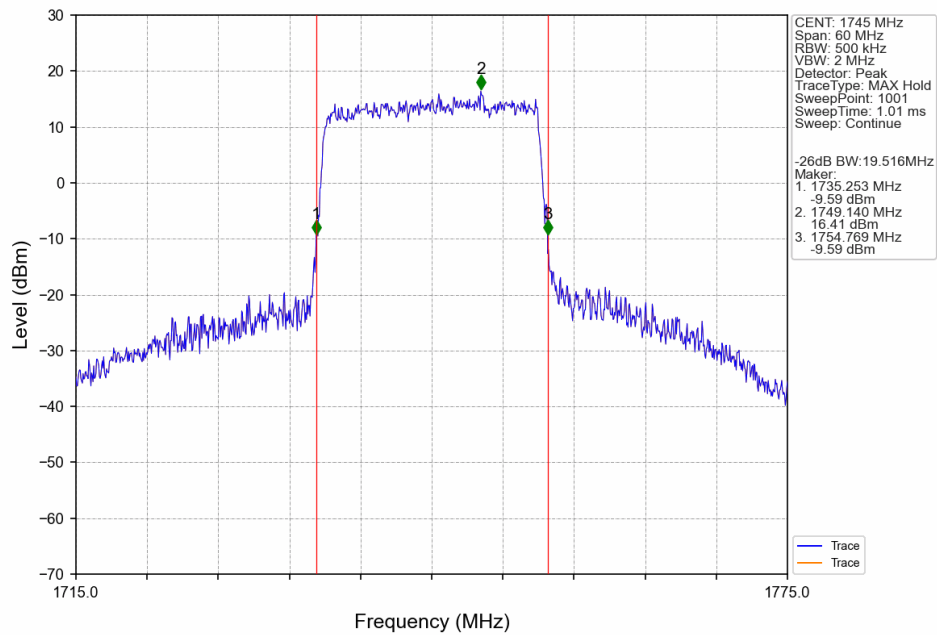
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

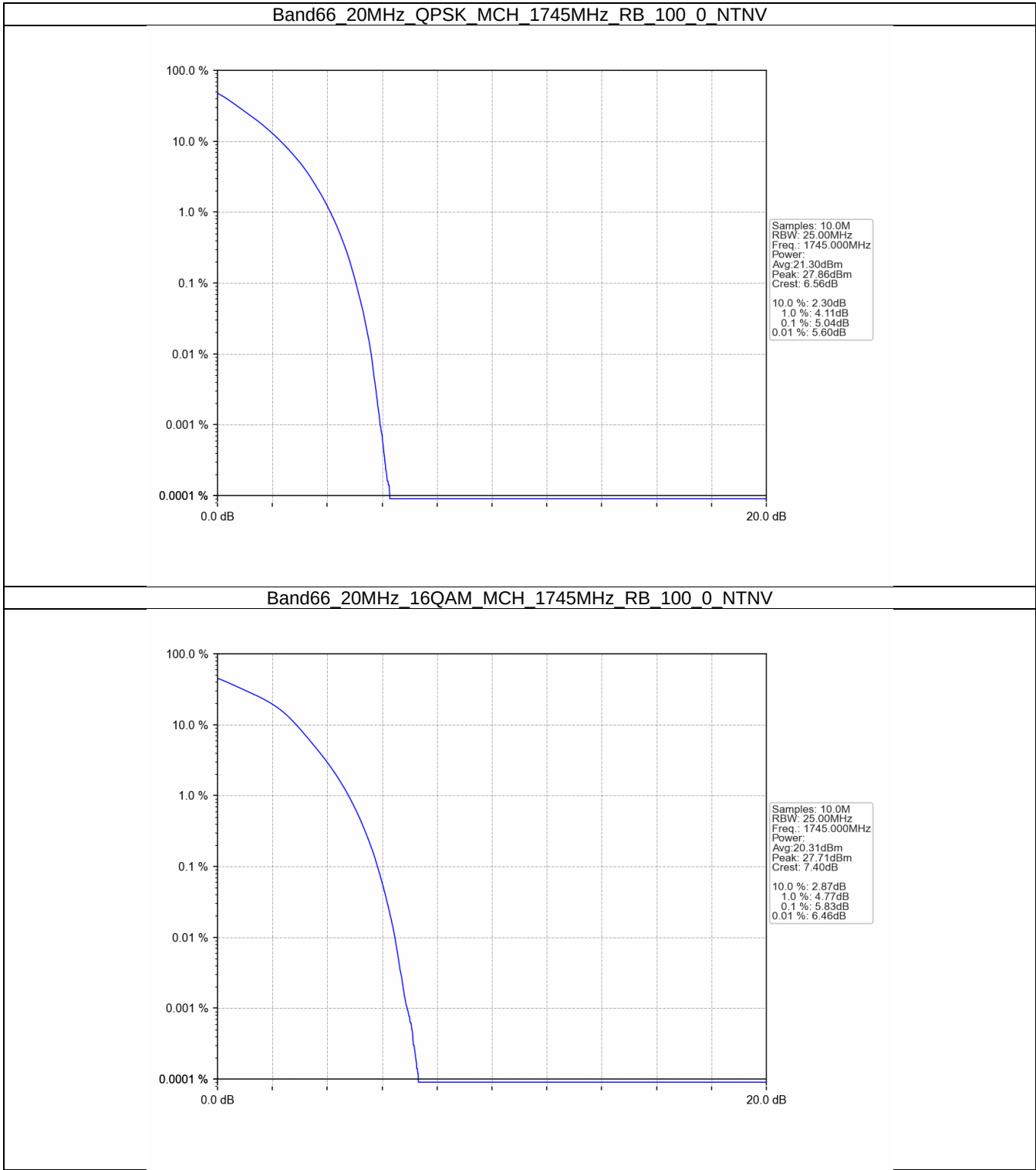
4.1 Test Result

4.1.1 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.04	<=13	Pass
16QAM	1745	100	0	5.83	<=13	Pass

4.2 Test Graph

4.2.1 B66_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 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

5.1.2 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

5.1.3 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

5.1.4 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

5.1.5 B66_15MHz

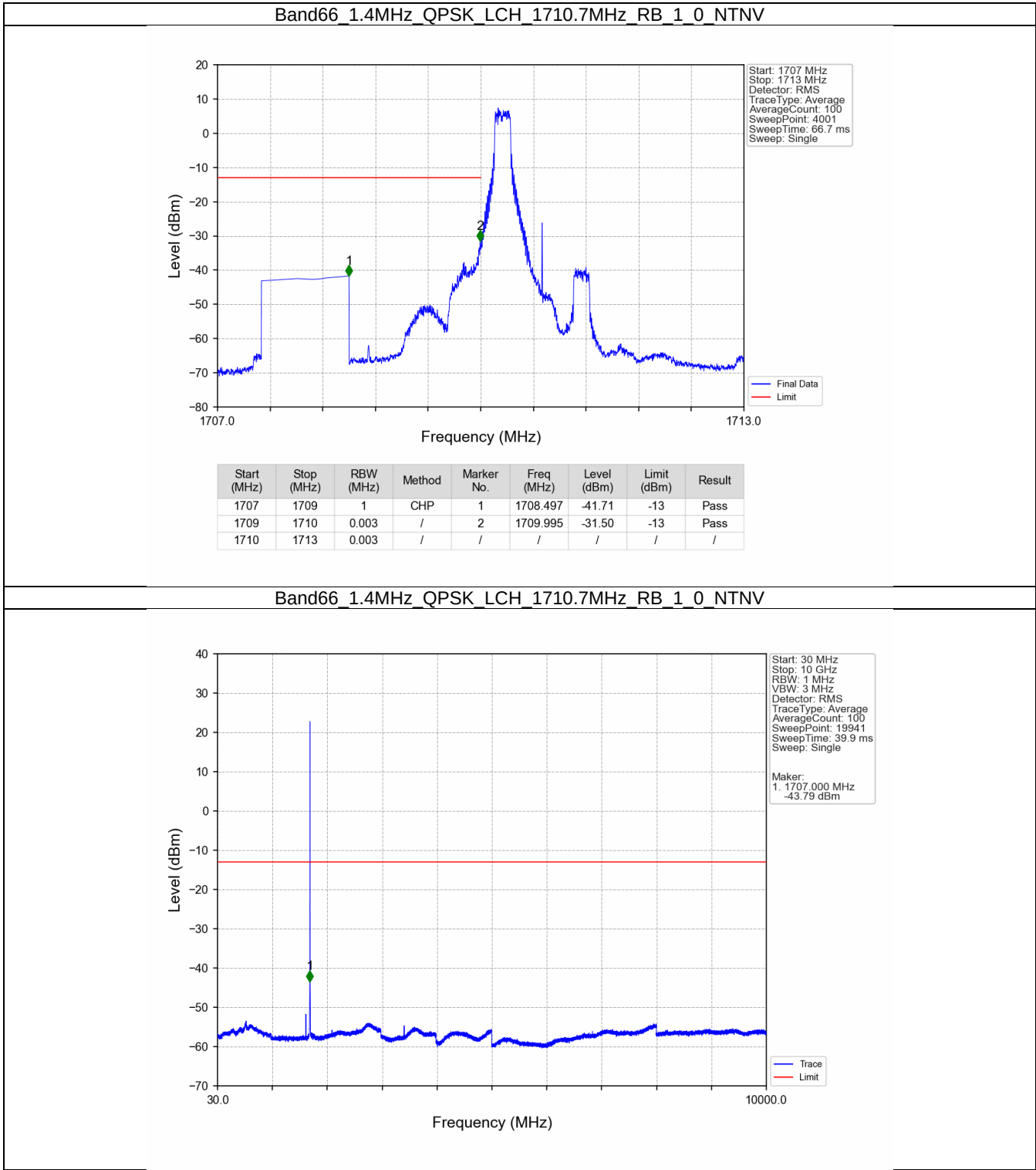
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

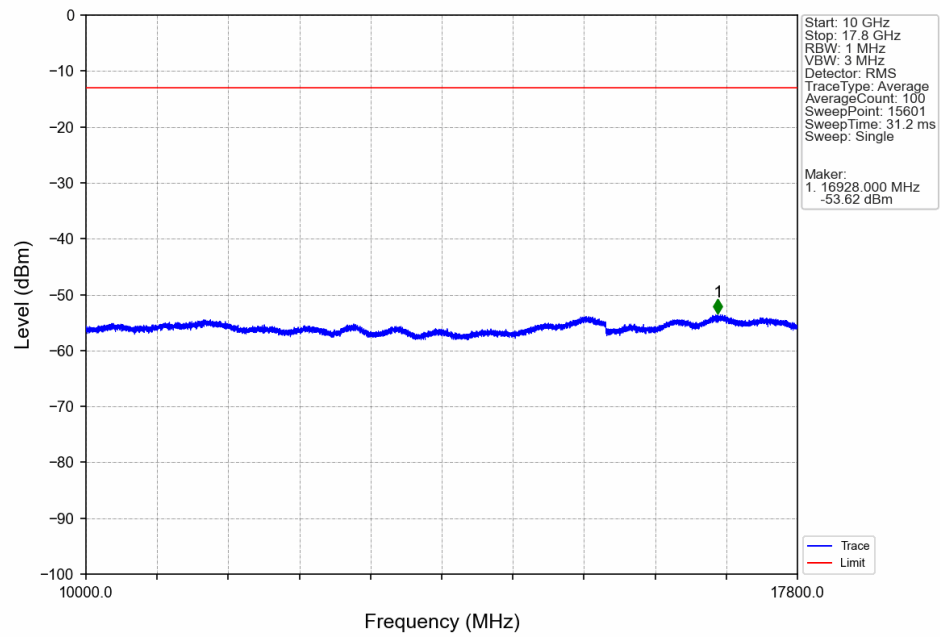
Band: 66 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

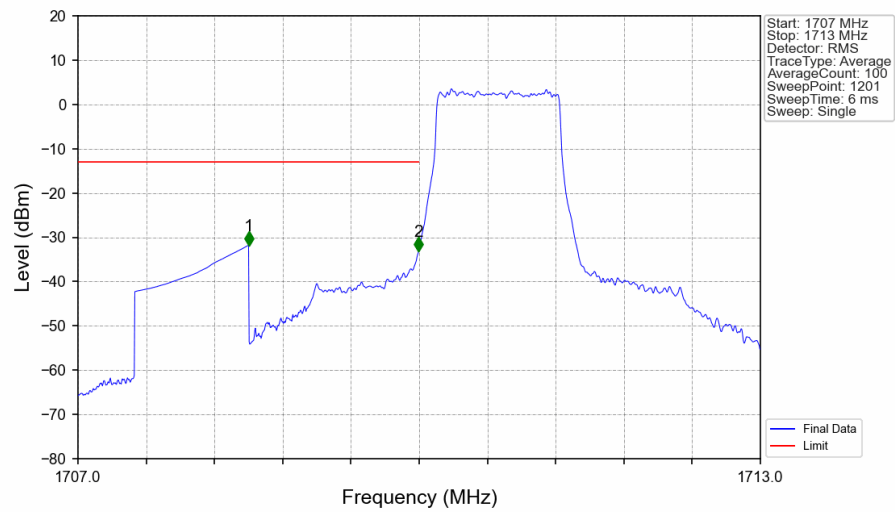
5.2.1 B66_1.4MHz



Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

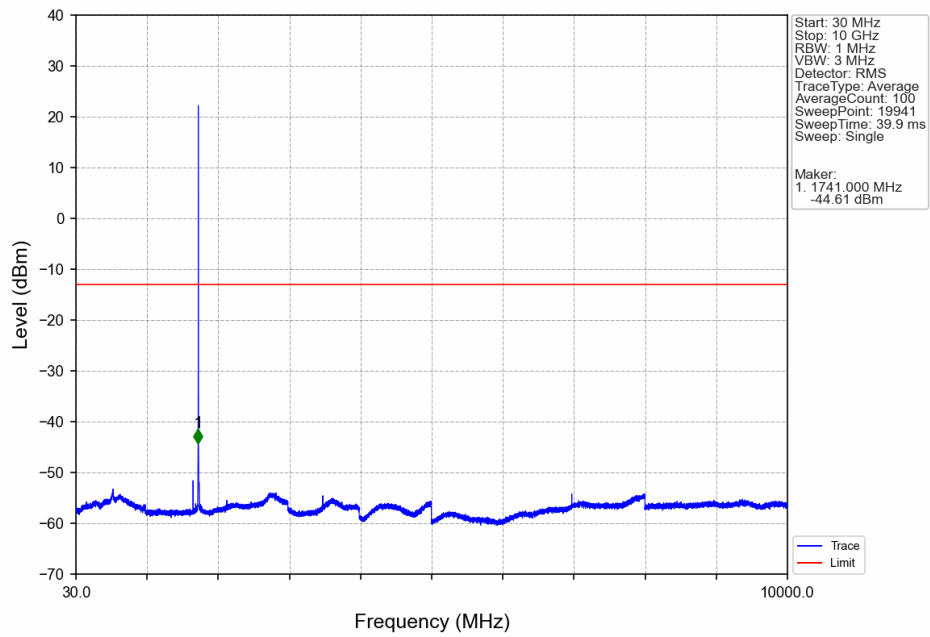


Band66_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

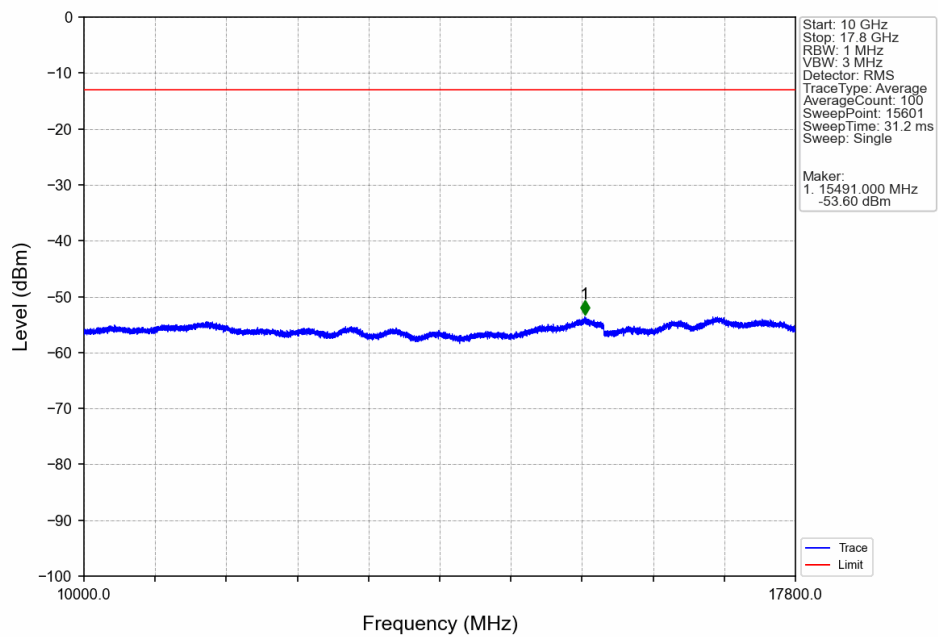


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.79	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-33.08	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

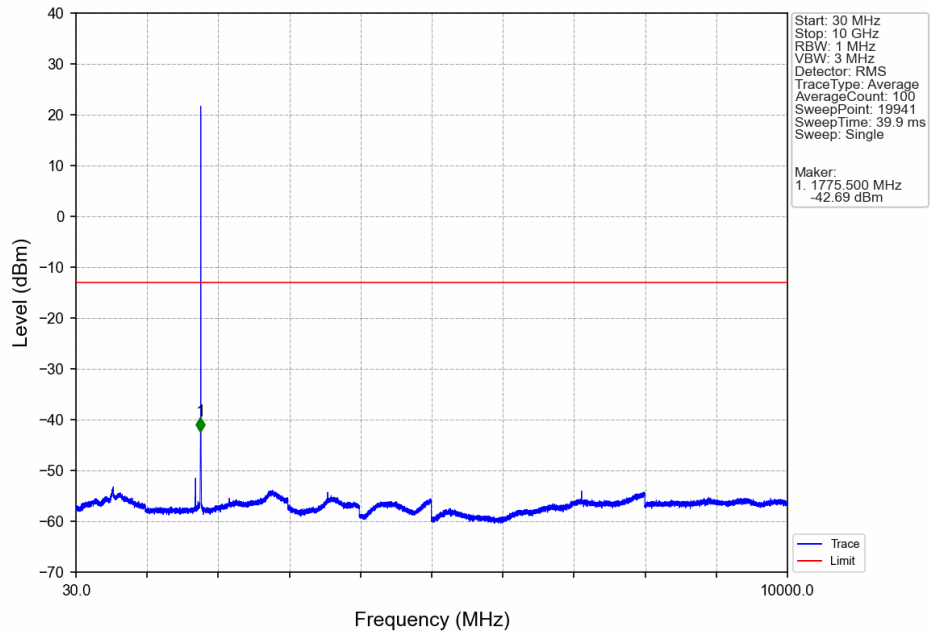
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



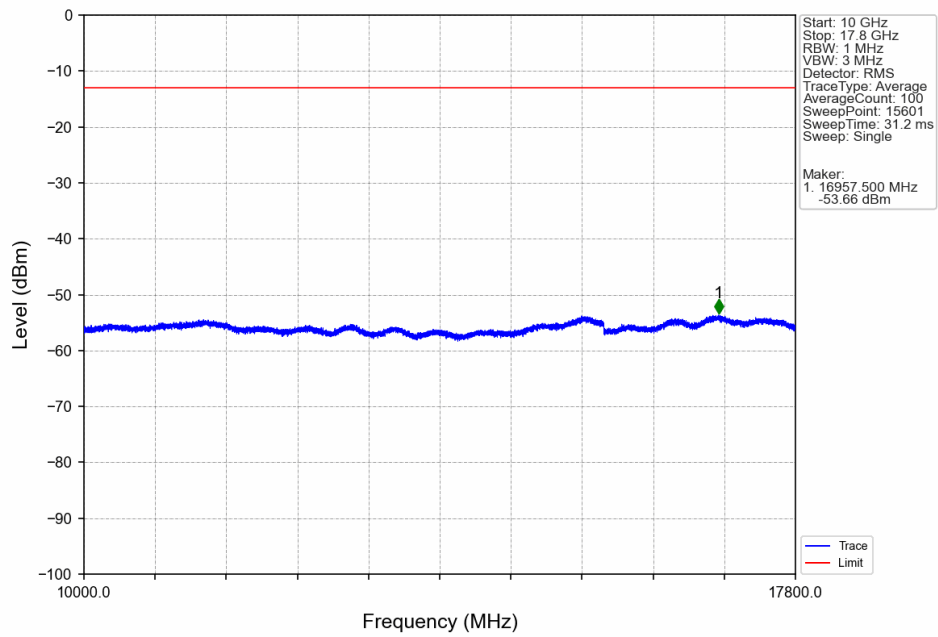
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



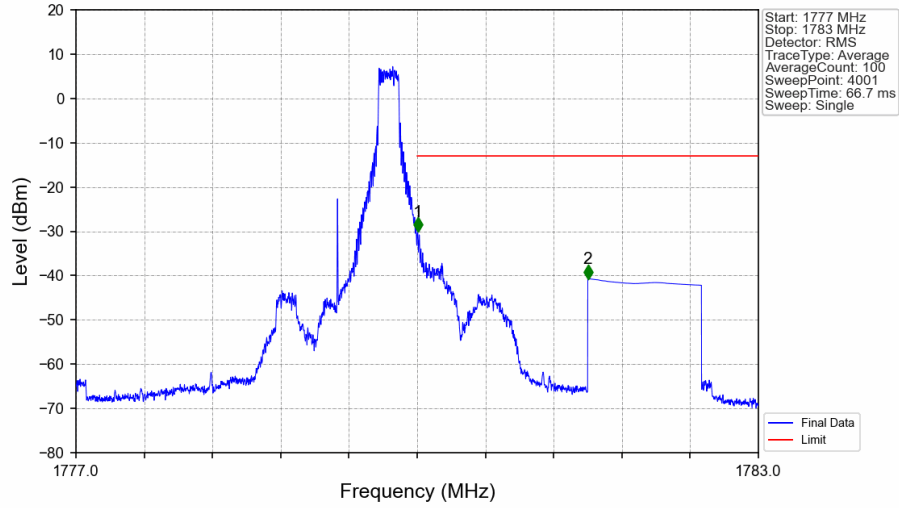
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV

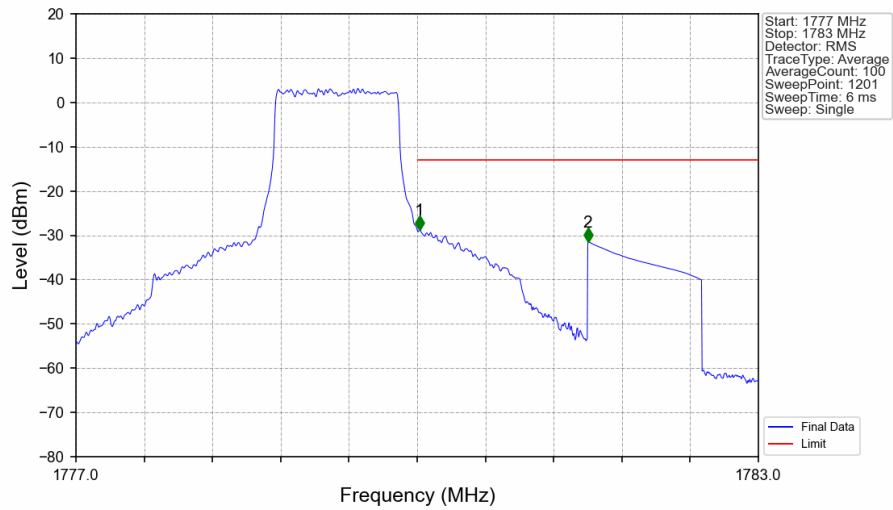


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



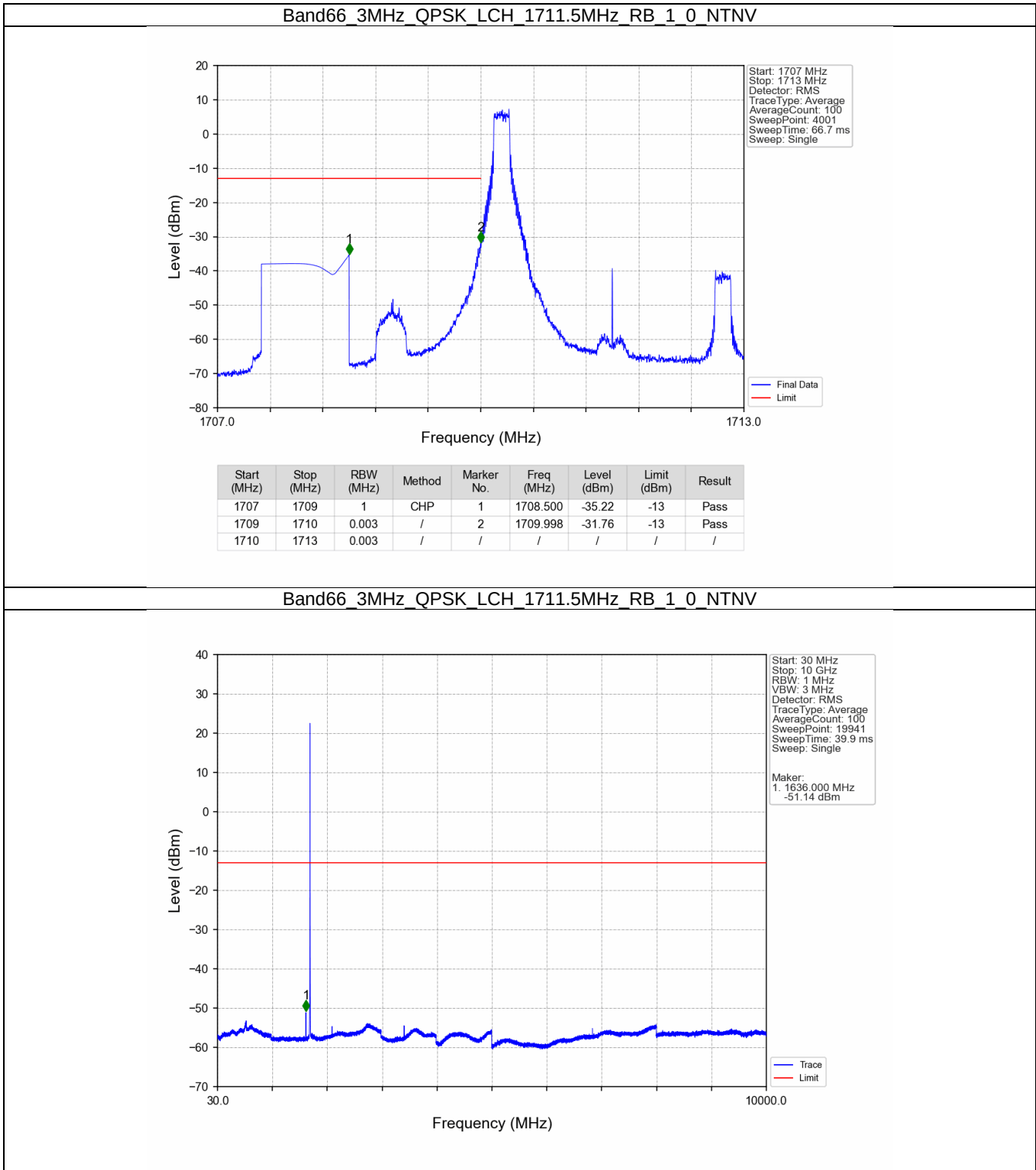
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-30.09	-13	Pass
1781	1783	1	CHP	2	1781.500	-40.69	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

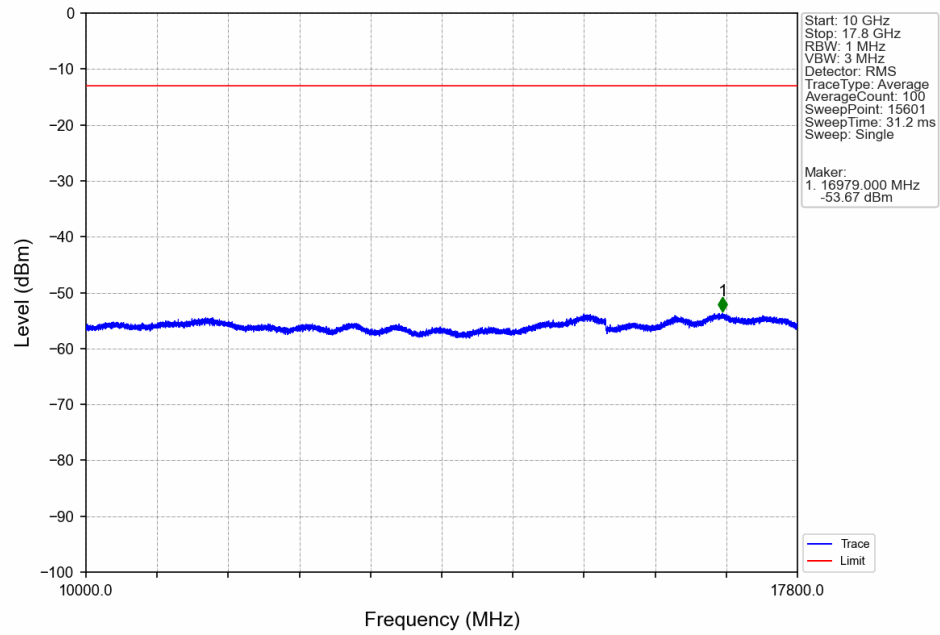


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.020	-28.74	-13	Pass
1781	1783	1	CHP	2	1781.500	-31.42	-13	Pass

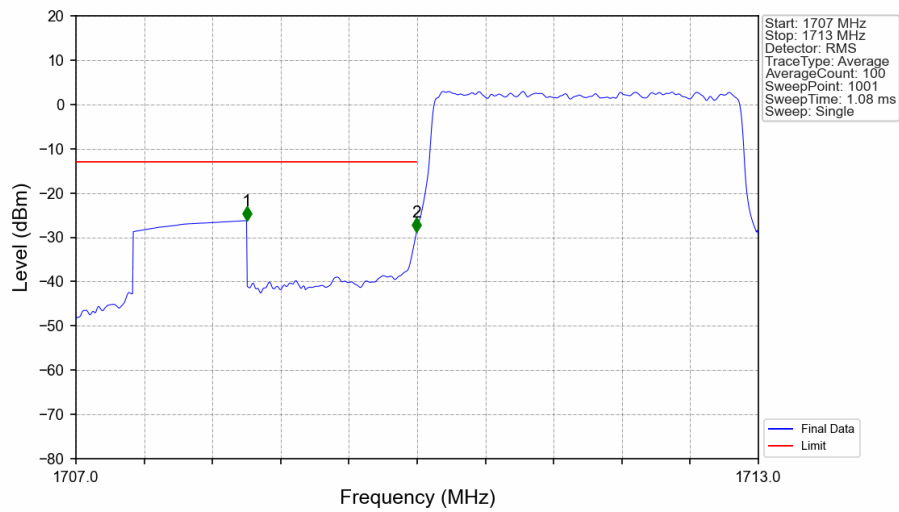
5.2.2 B66_3MHz



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

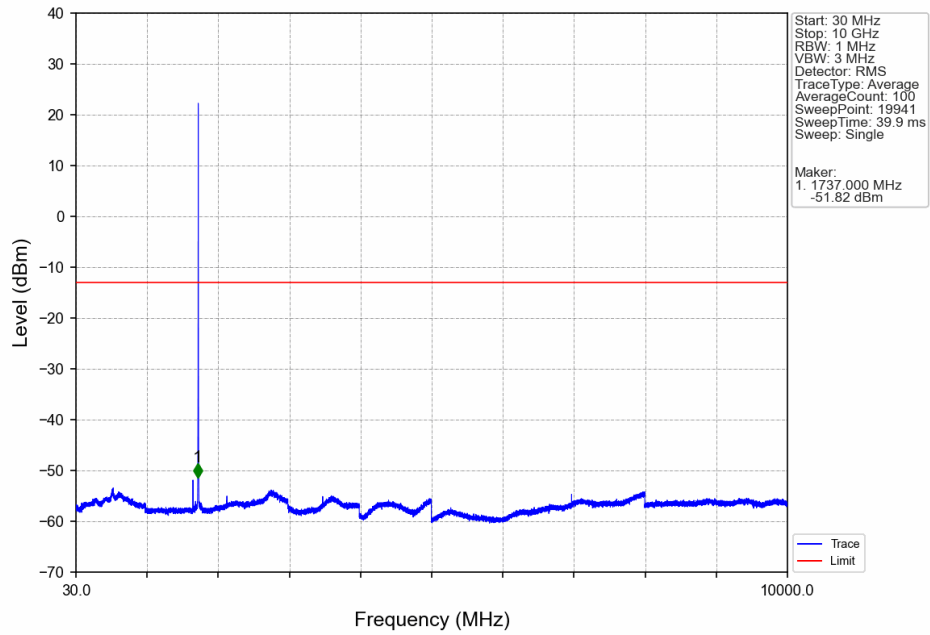


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

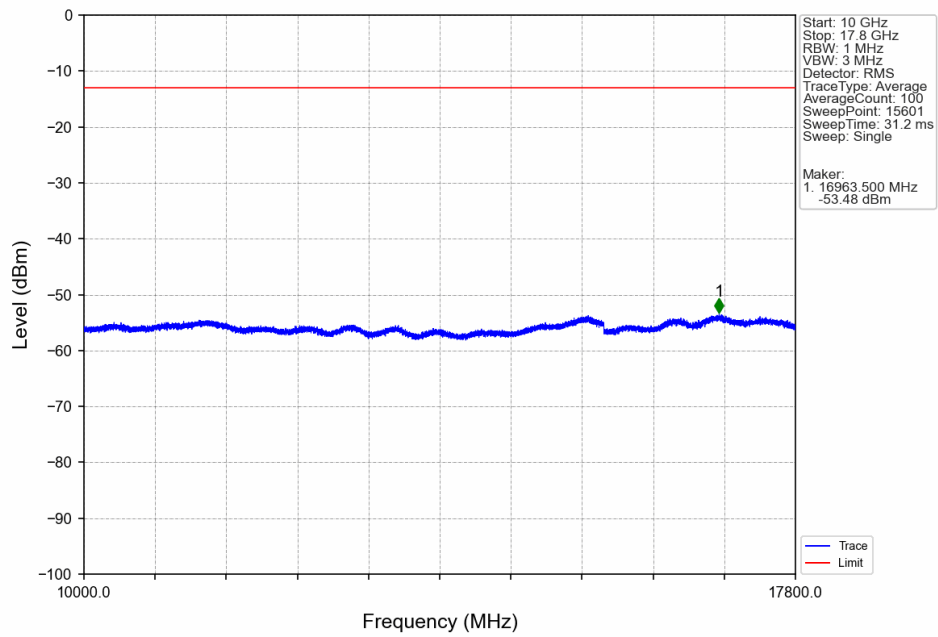


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-26.28	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-28.80	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

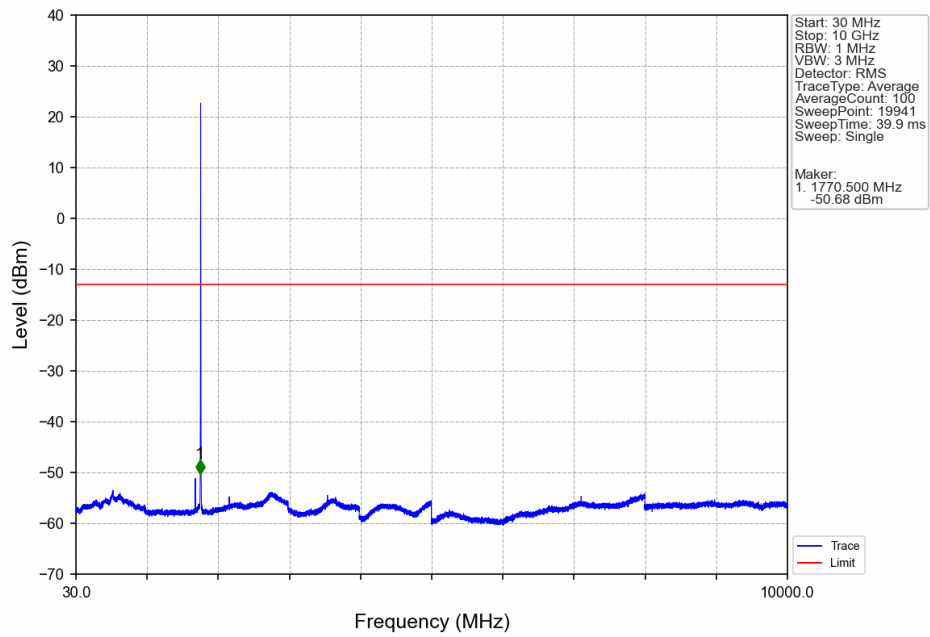
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



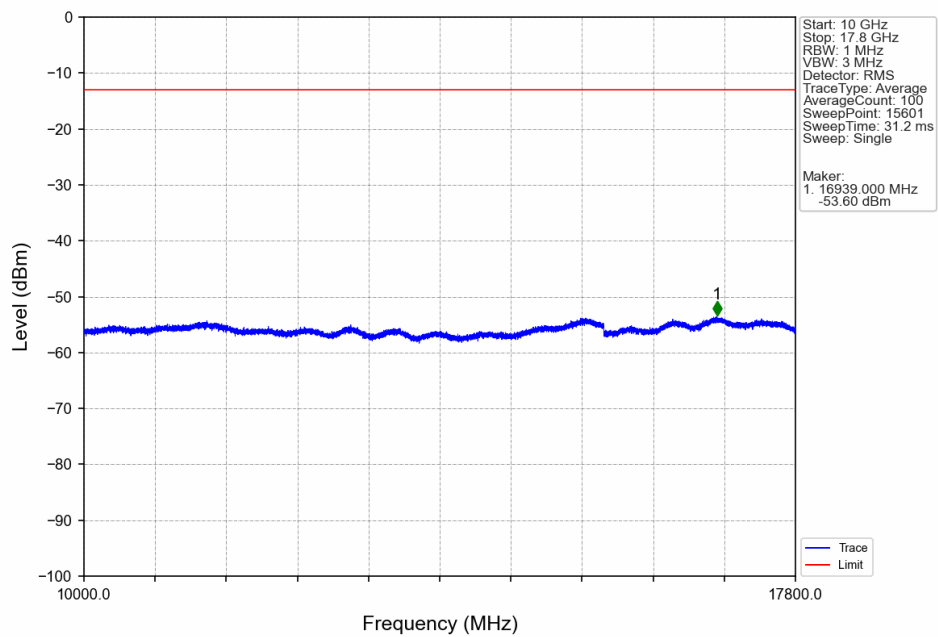
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



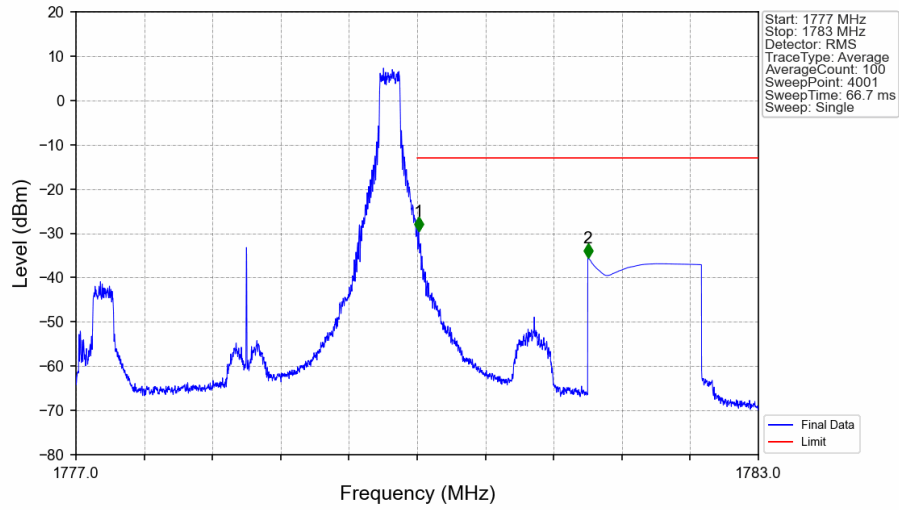
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

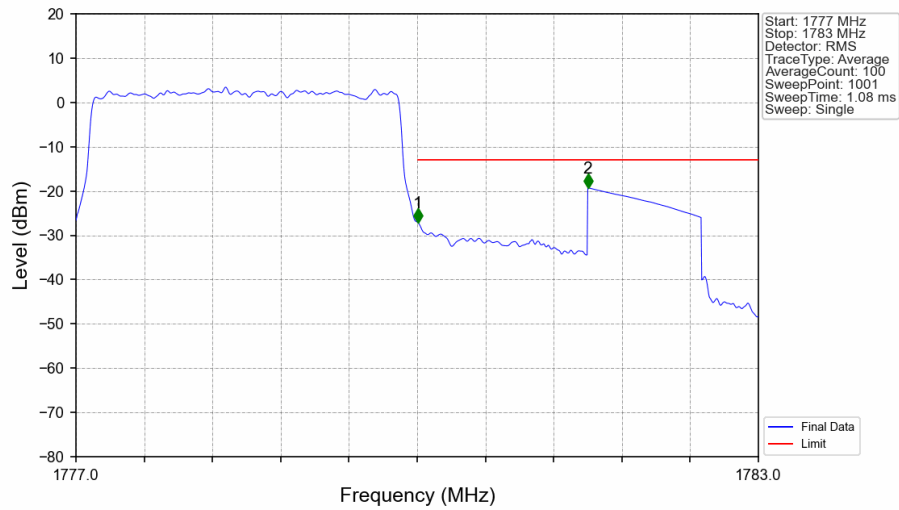


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



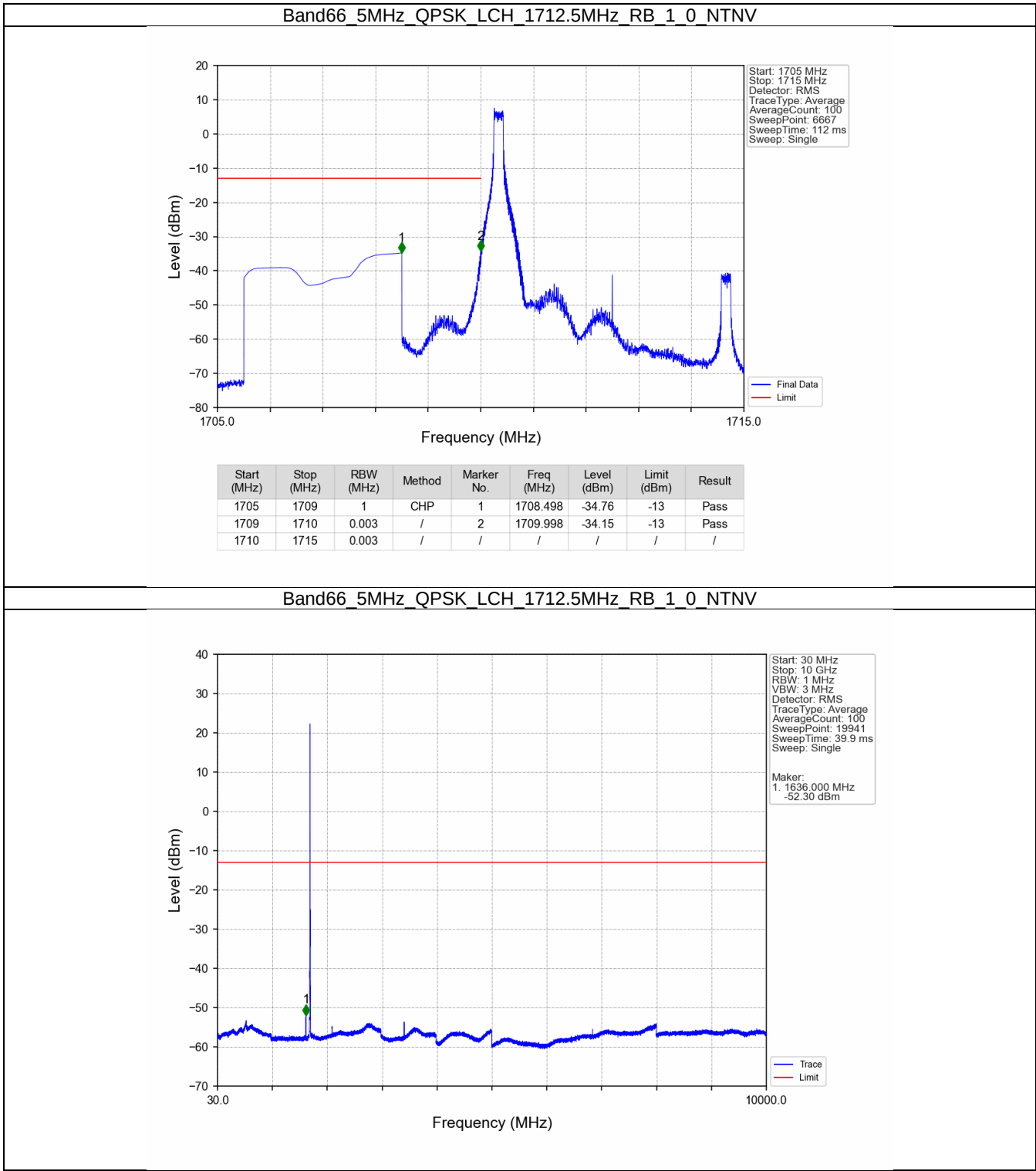
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.014	-29.50	-13	Pass
1781	1783	1	CHP	2	1781.500	-35.58	-13	Pass

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

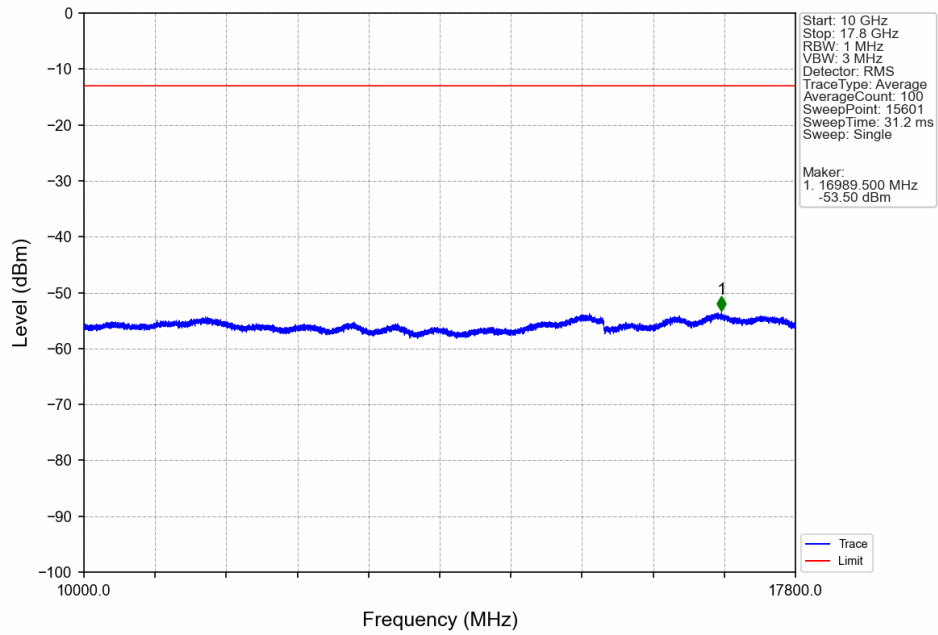


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.031	CHP	/	/	/	/	/
1780	1781	0.031	CHP	1	1780.006	-27.11	-13	Pass
1781	1783	1	CHP	2	1781.500	-19.26	-13	Pass

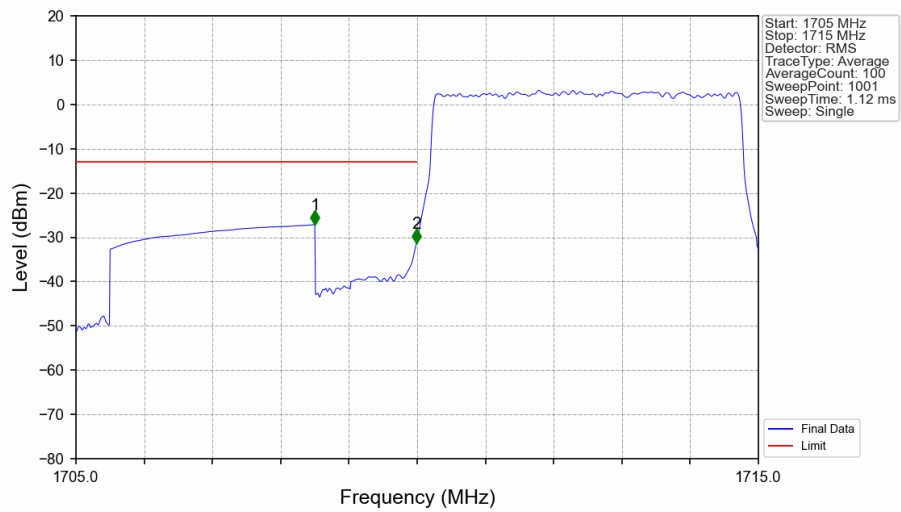
5.2.3 B66_5MHz



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

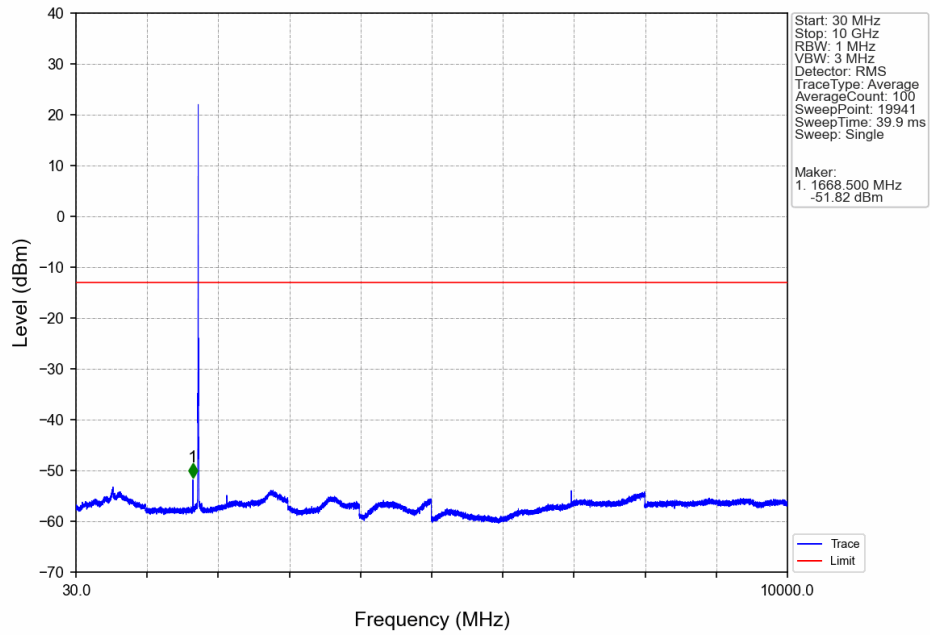


Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

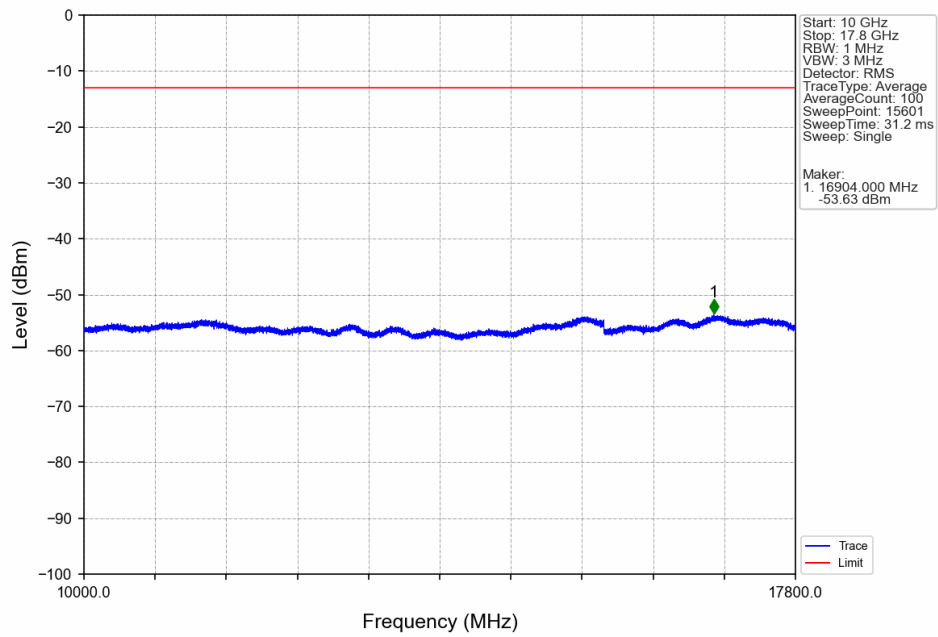


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-27.17	-13	Pass
1709	1710	0.05	CHP	2	1709.990	-31.23	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

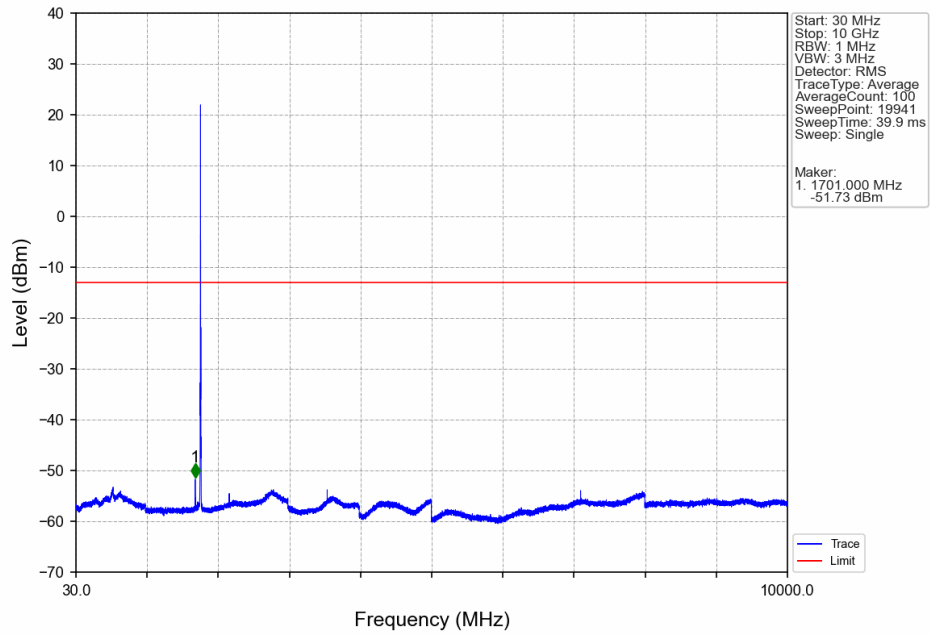
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



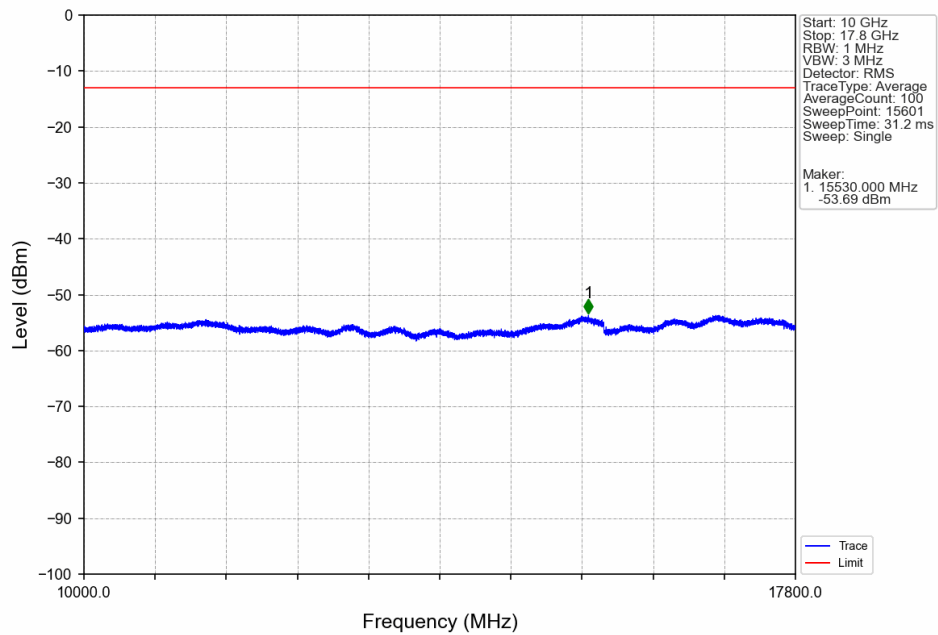
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



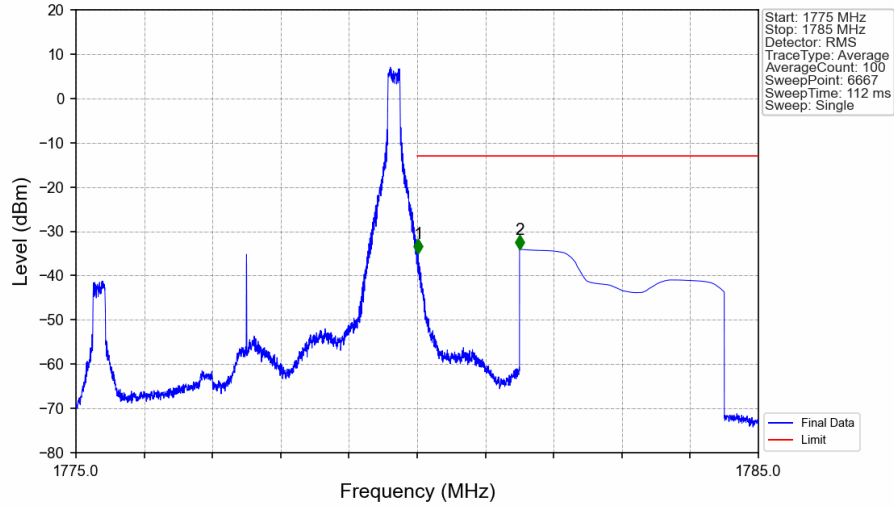
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV

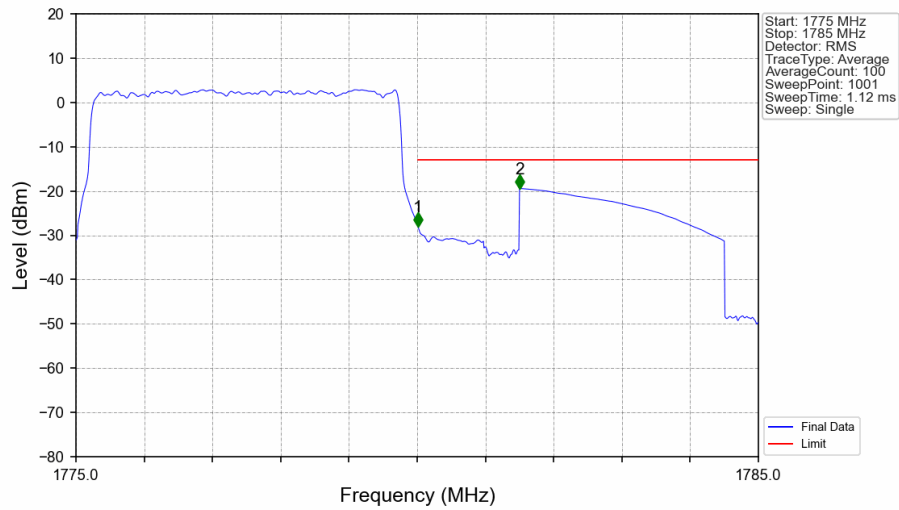


Band66 5MHz QPSK HCH 1777.5MHz RB_1 24 NTNV



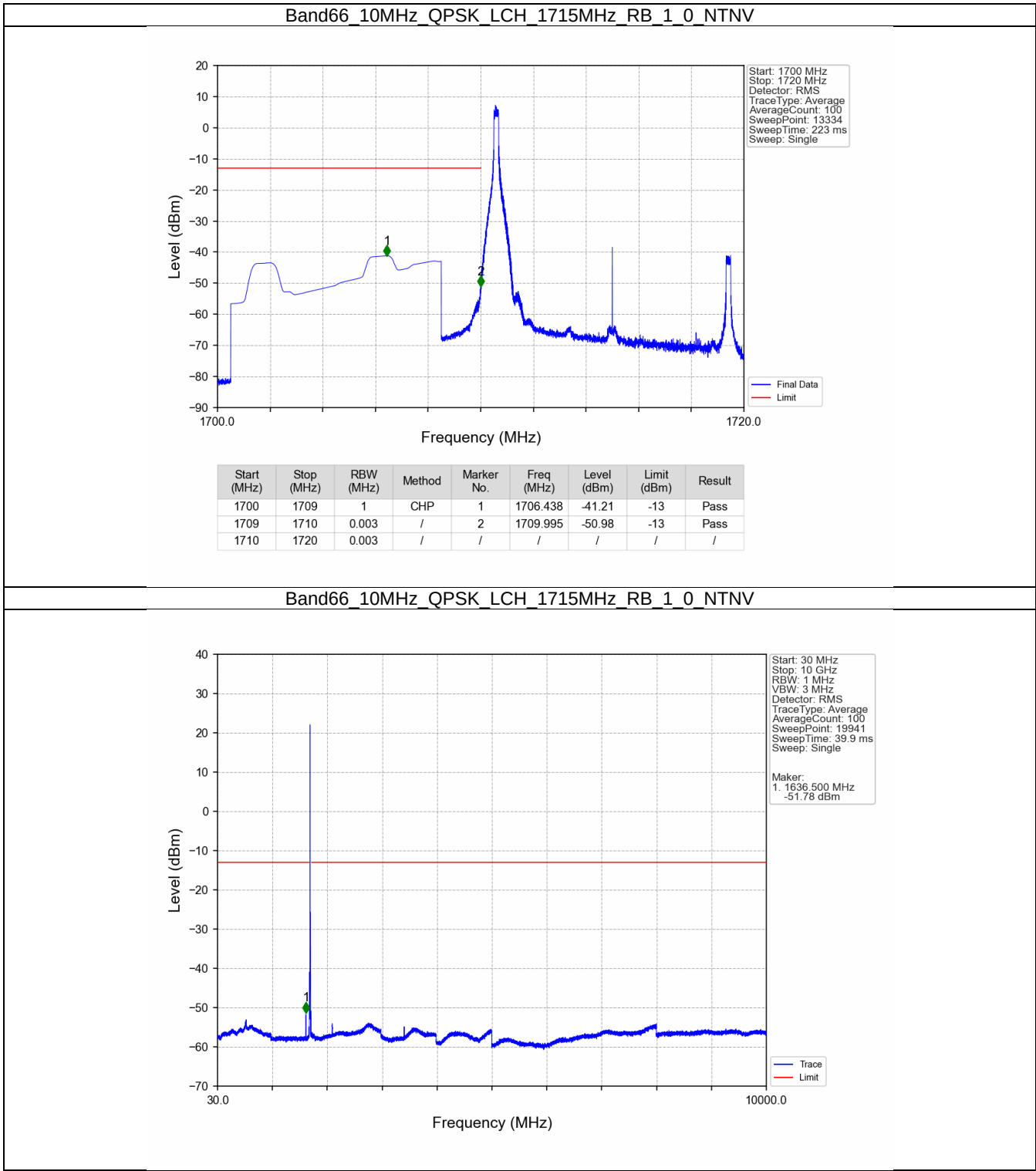
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.014	-34.87	-13	Pass
1781	1785	1	CHP	2	1781.500	-34.07	-13	Pass

Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV

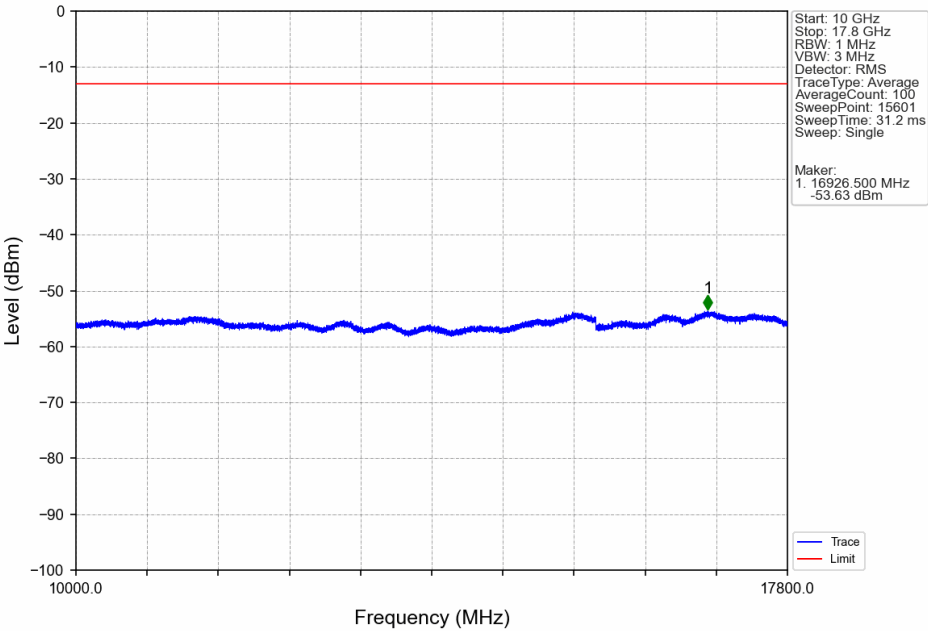


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.05	CHP	/	/	/	/	/
1780	1781	0.05	CHP	1	1780.010	-28.00	-13	Pass
1781	1785	1	CHP	2	1781.500	-19.41	-13	Pass

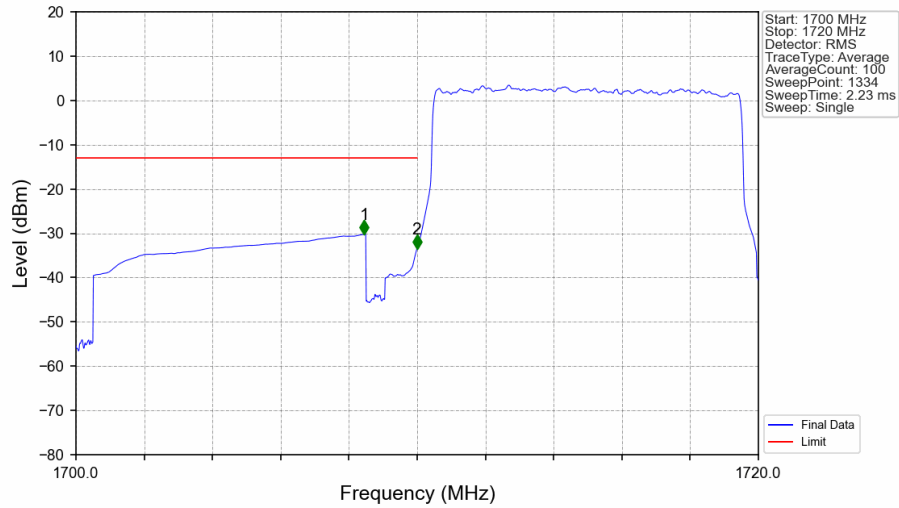
5.2.4 B66_10MHz



Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

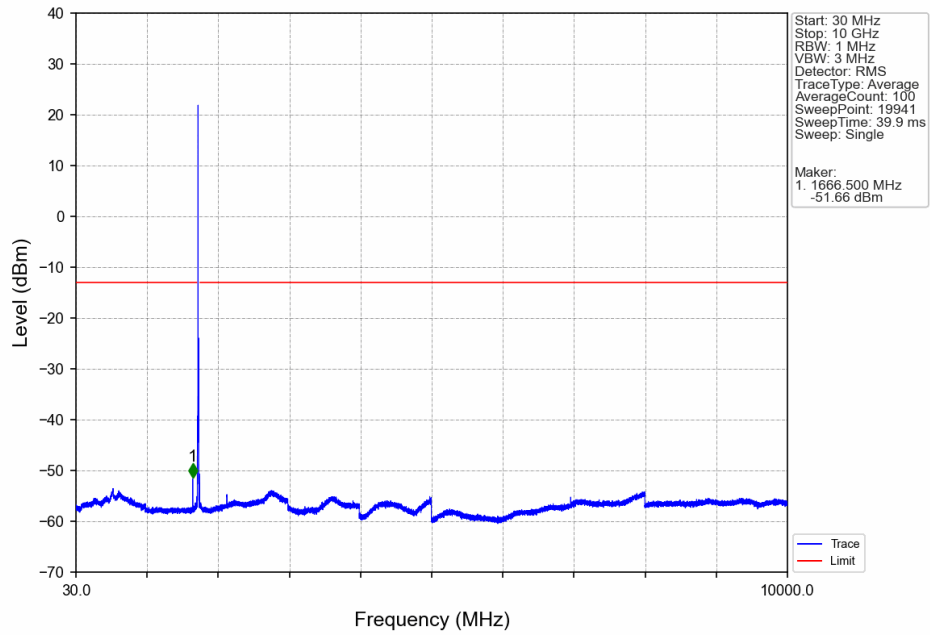


Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

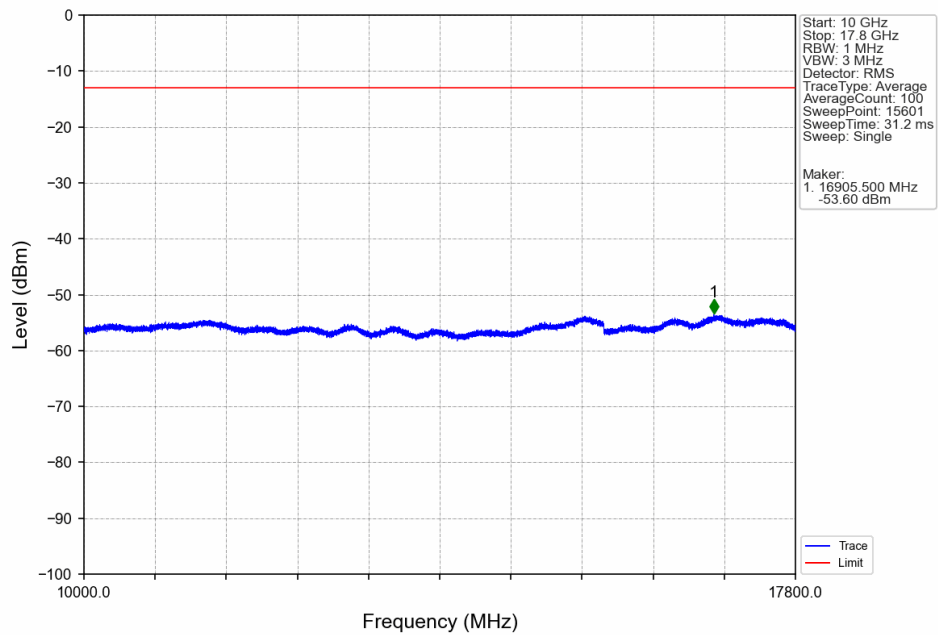


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.447	-30.25	-13	Pass
1709	1710	0.098	CHP	2	1709.992	-33.43	-13	Pass
1710	1720	0.098	CHP	/	/	/	/	/

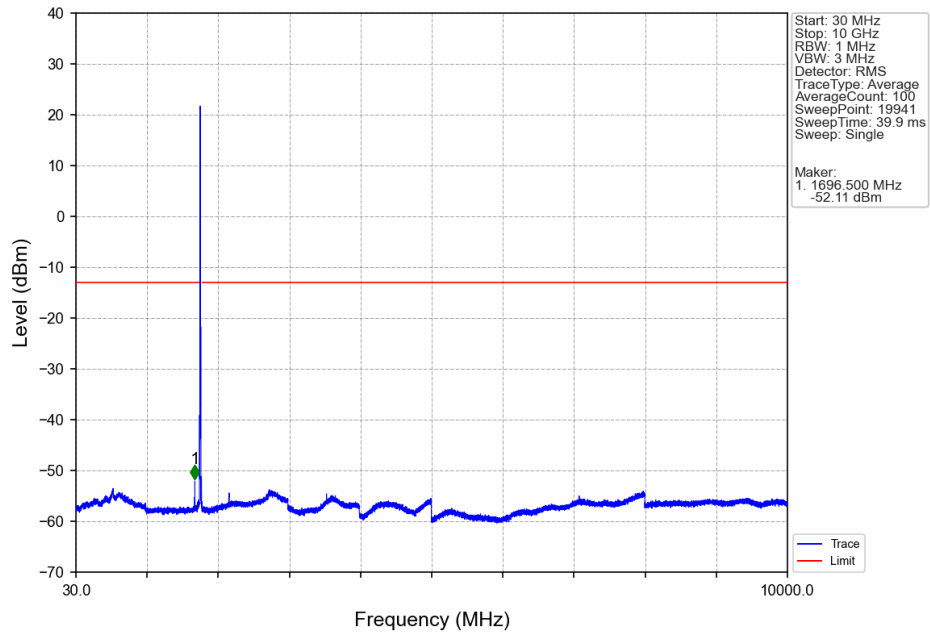
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



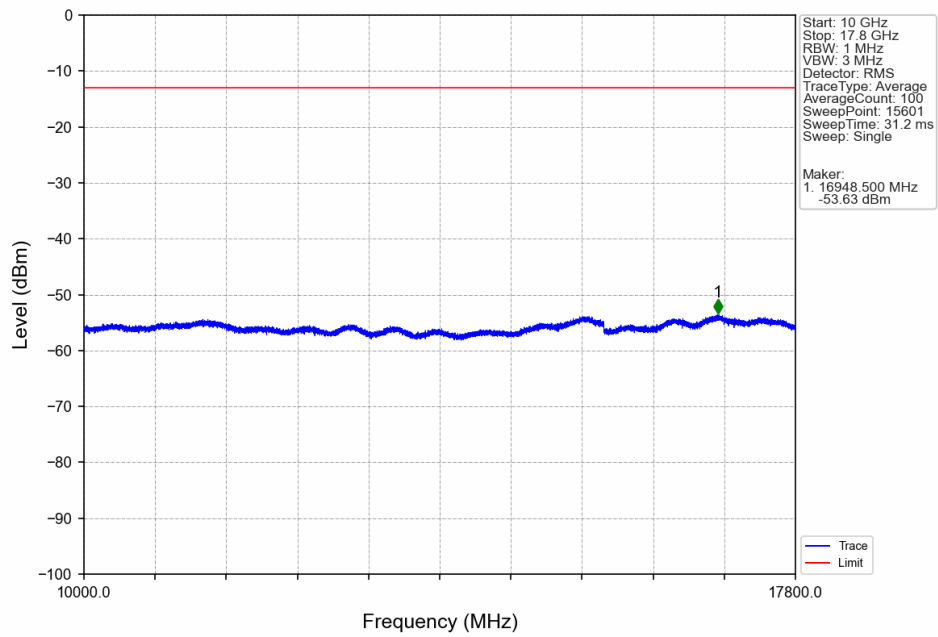
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



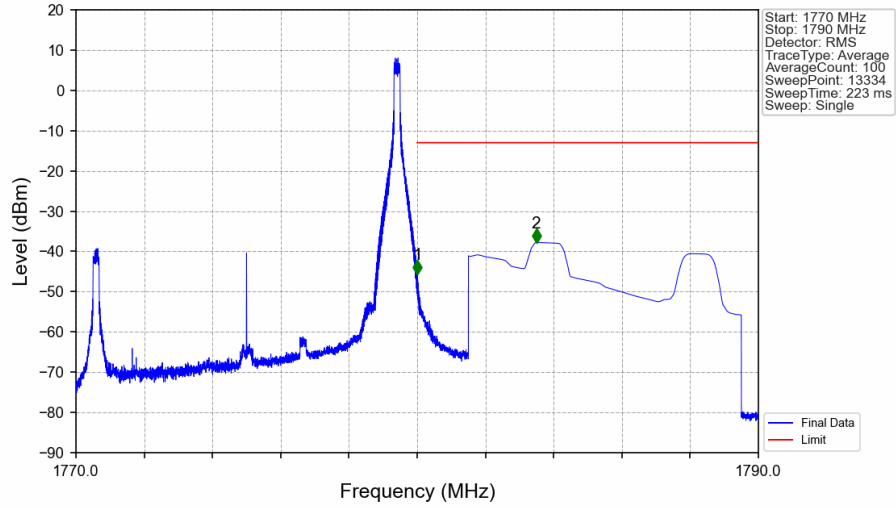
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN



Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN

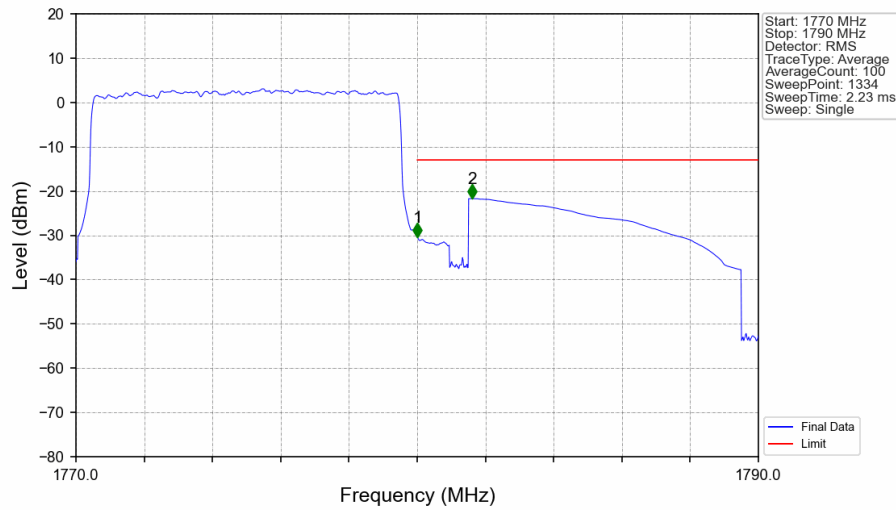


Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



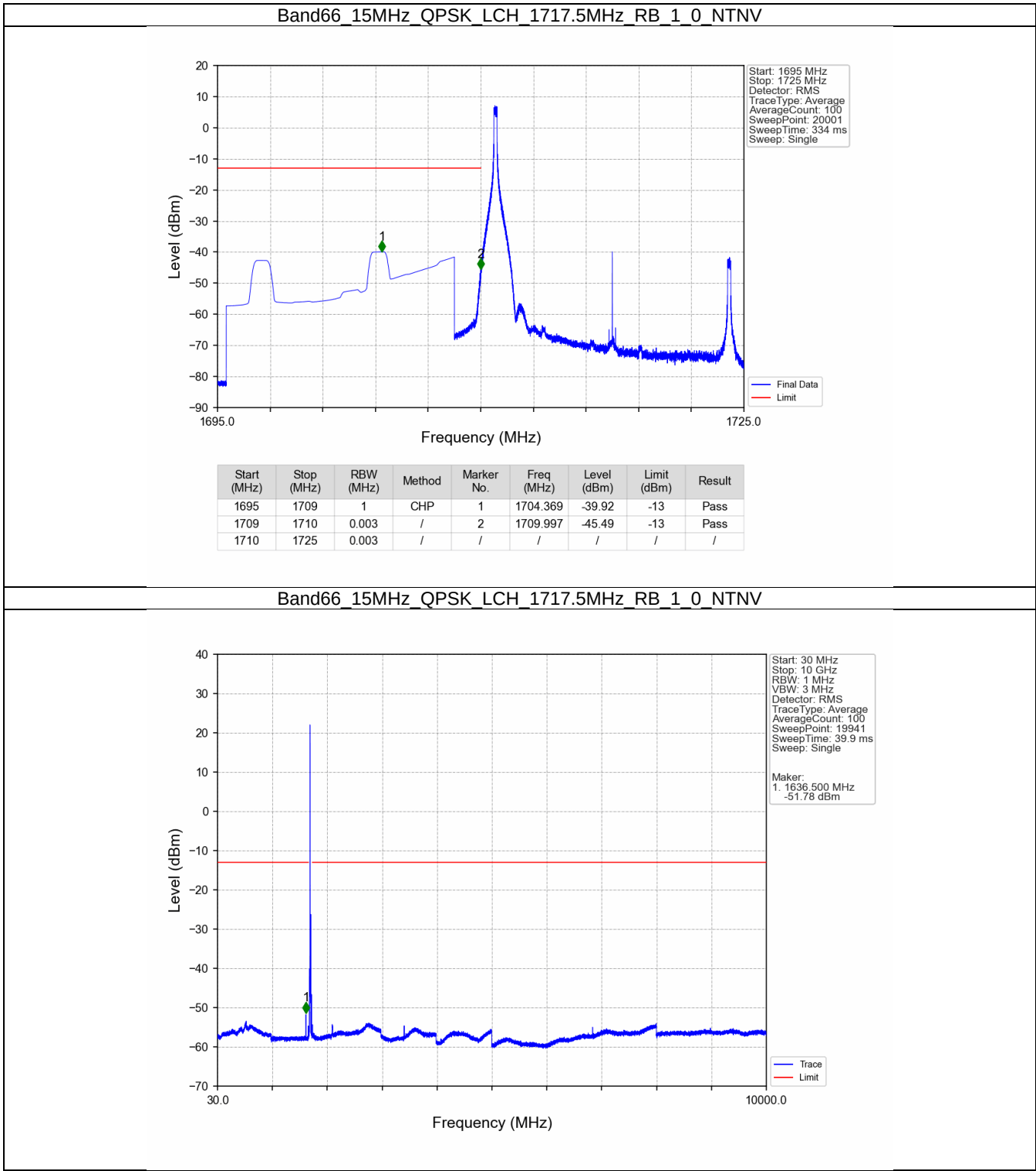
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-45.57	-13	Pass
1781	1790	1	CHP	2	1783.490	-37.80	-13	Pass

Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

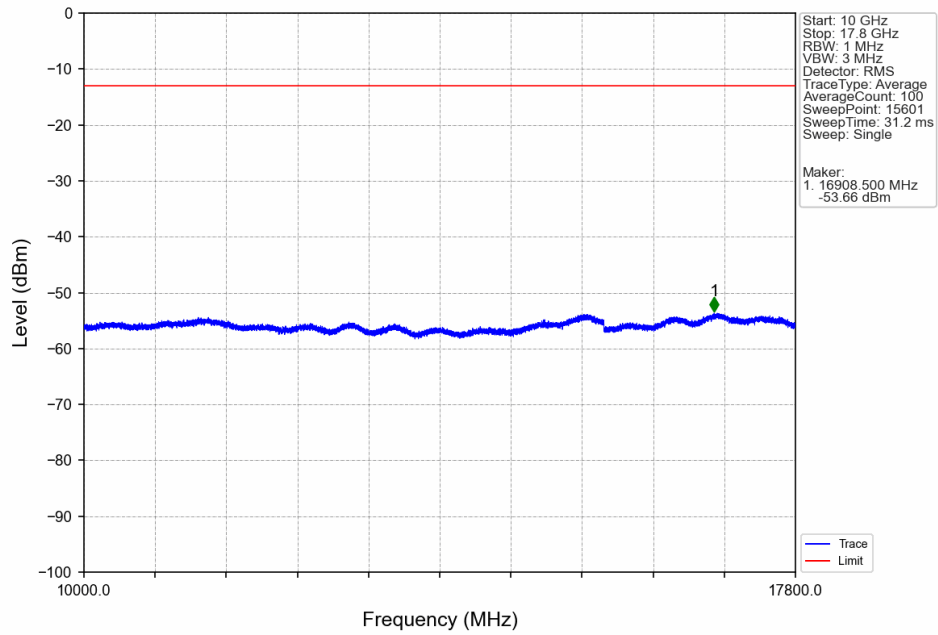


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.098	CHP	/	/	/	/	/
1780	1781	0.098	CHP	1	1780.008	-30.39	-13	Pass
1781	1790	1	CHP	2	1781.613	-21.72	-13	Pass

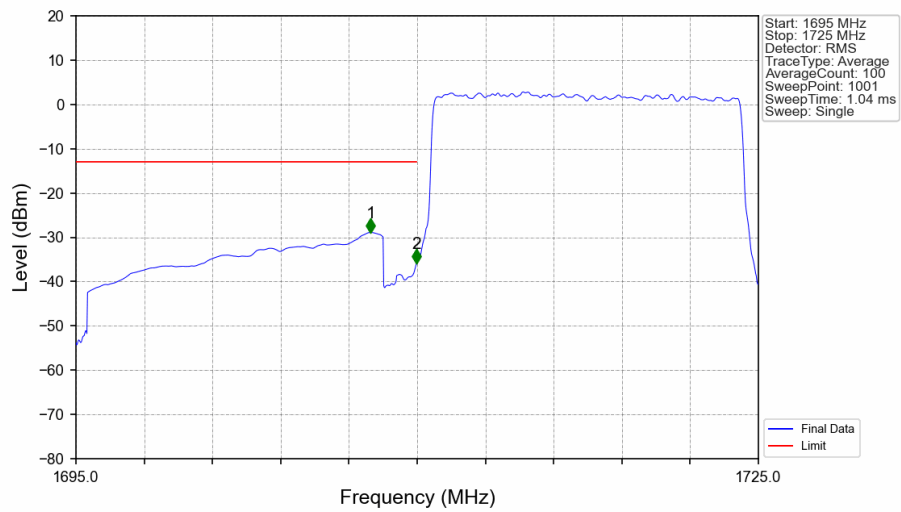
5.2.5 B66_15MHz



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

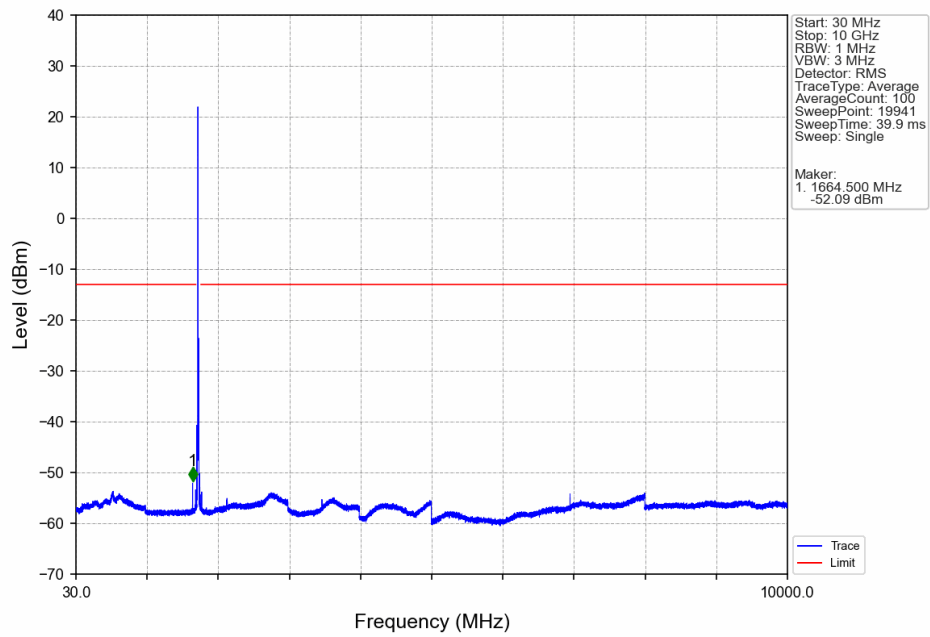


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

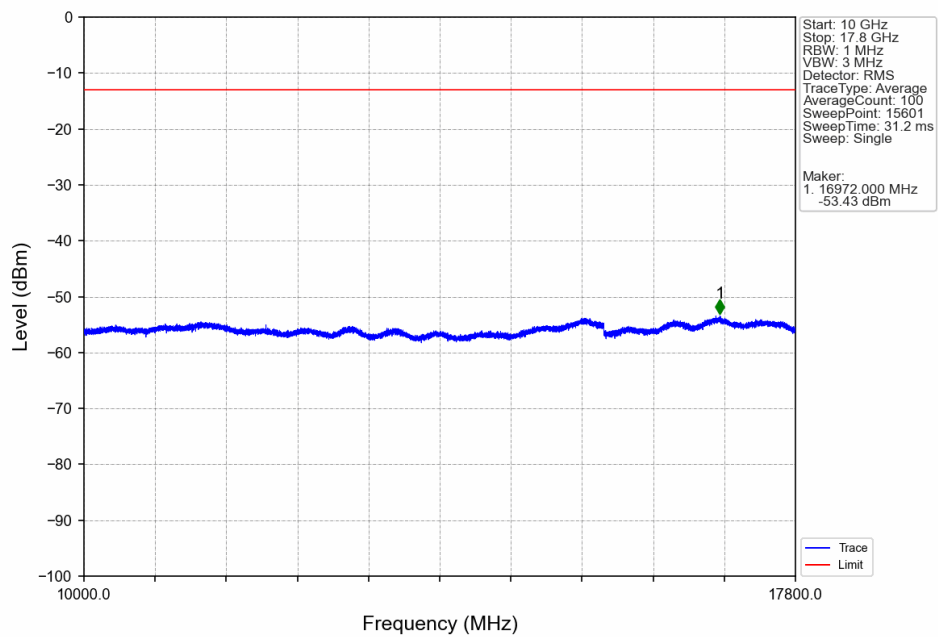


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.960	-28.90	-13	Pass
1709	1710	0.144	CHP	2	1709.970	-35.85	-13	Pass
1710	1725	0.144	CHP	/	/	/	/	/

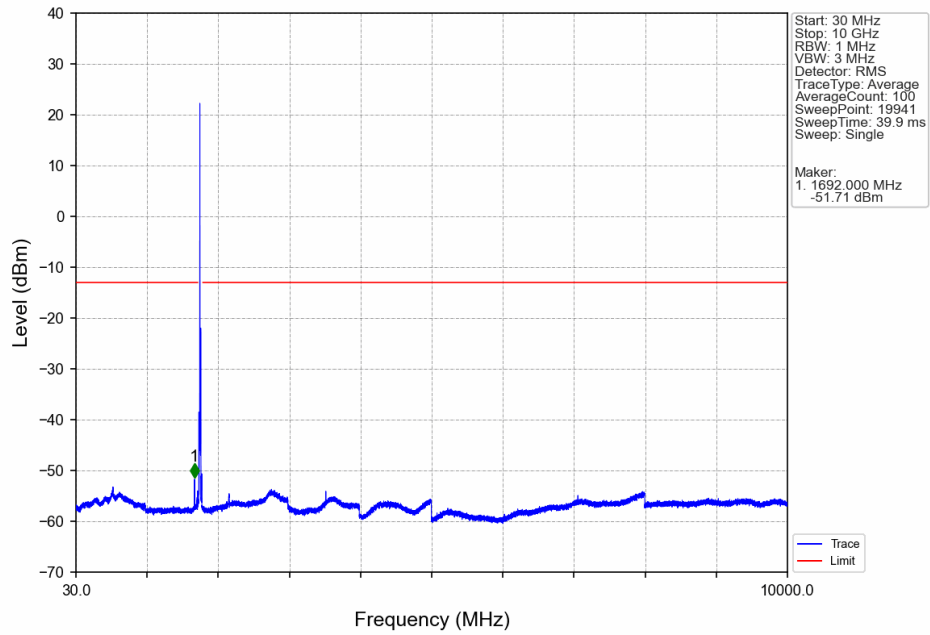
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



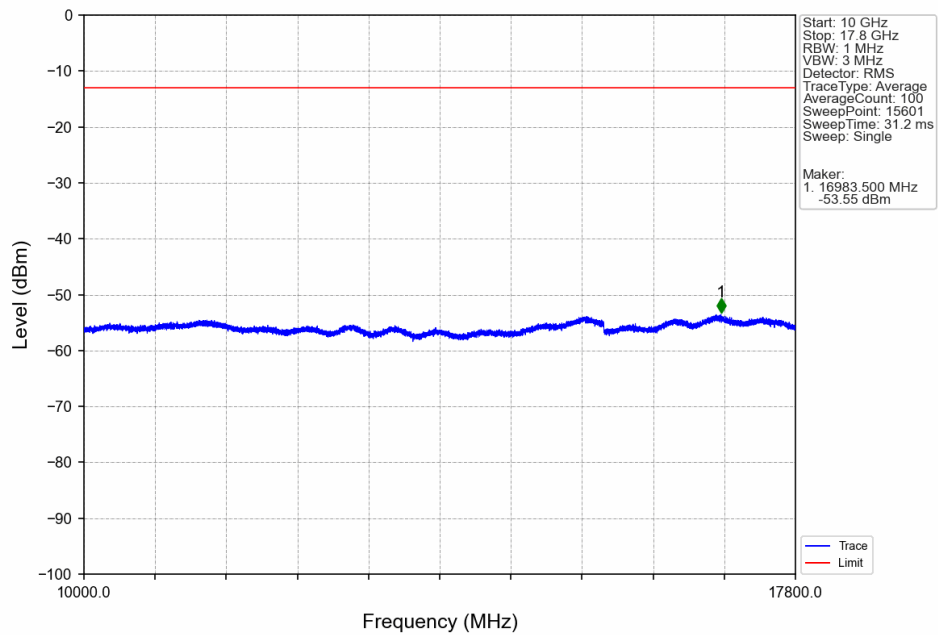
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



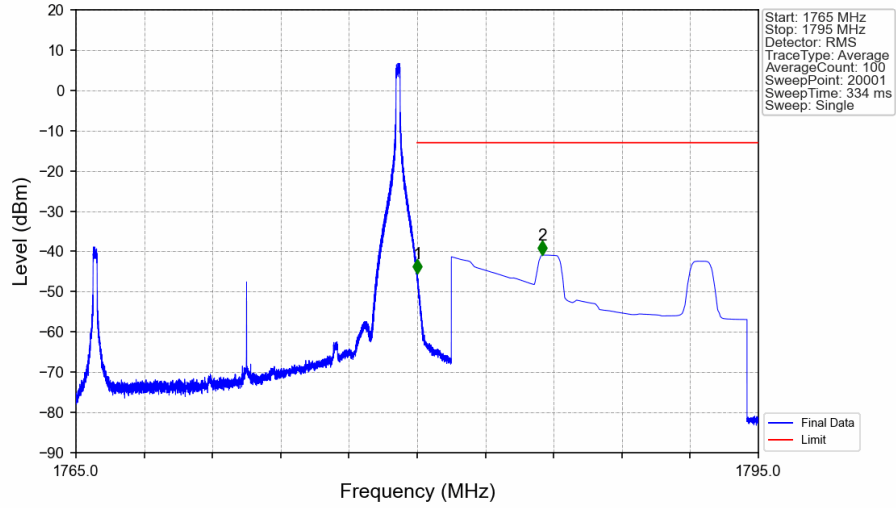
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

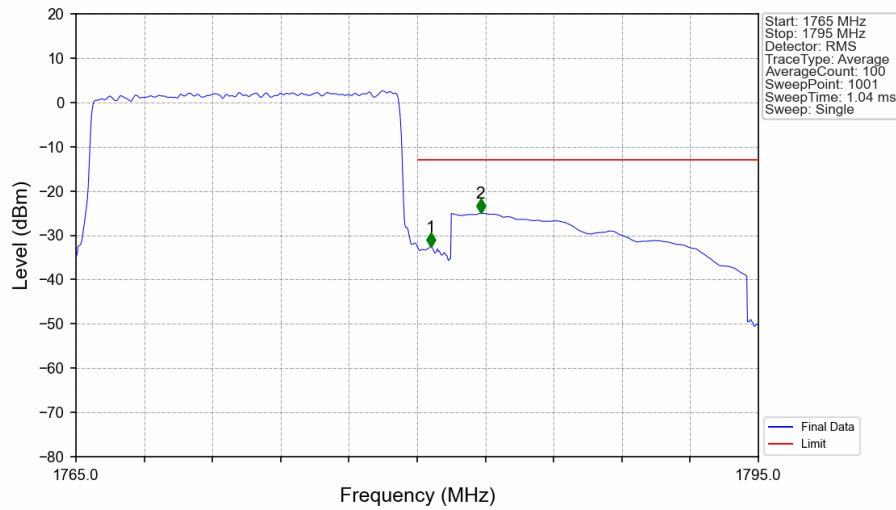


Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



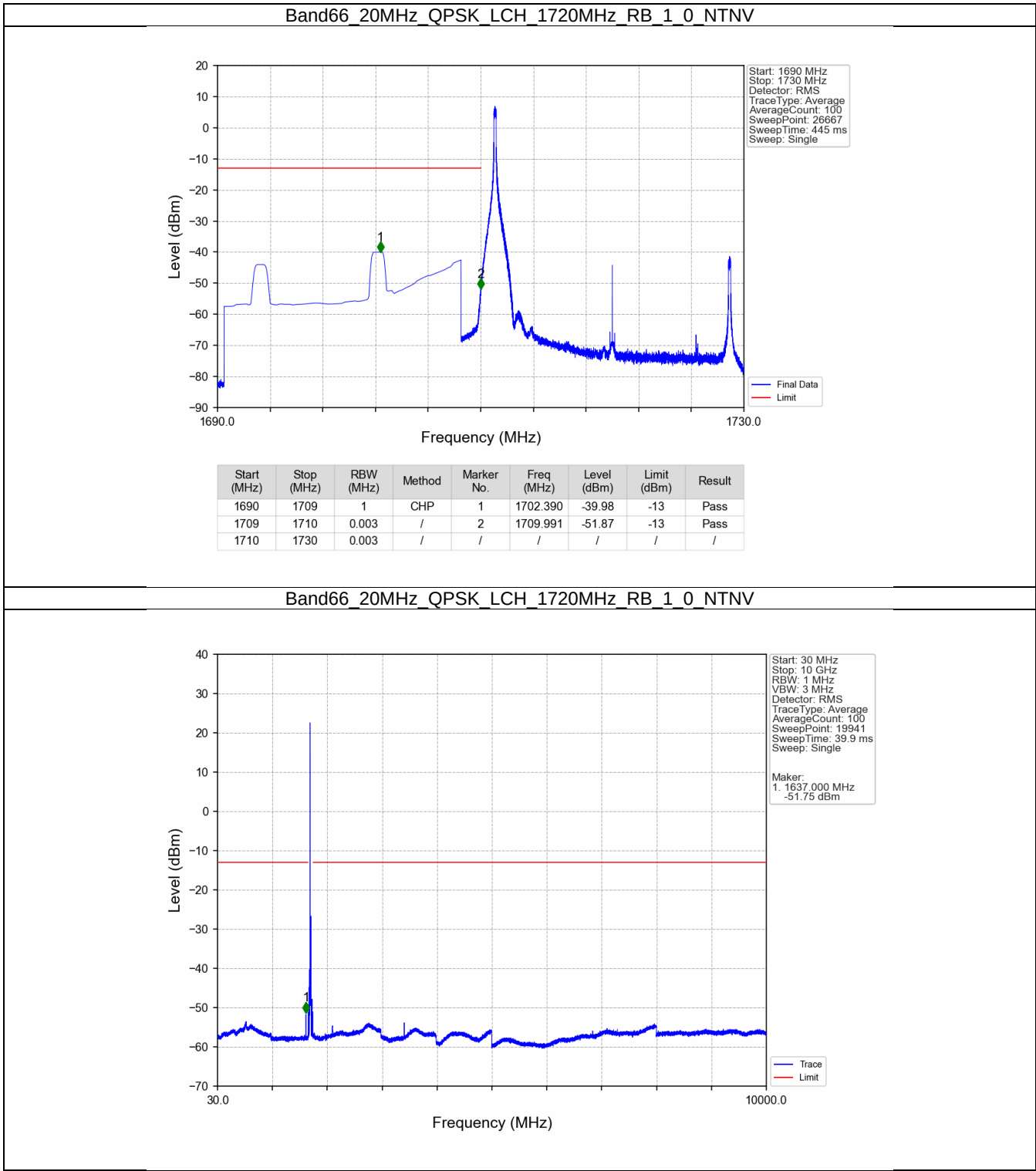
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-45.55	-13	Pass
1781	1795	1	CHP	2	1785.497	-40.90	-13	Pass

Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV

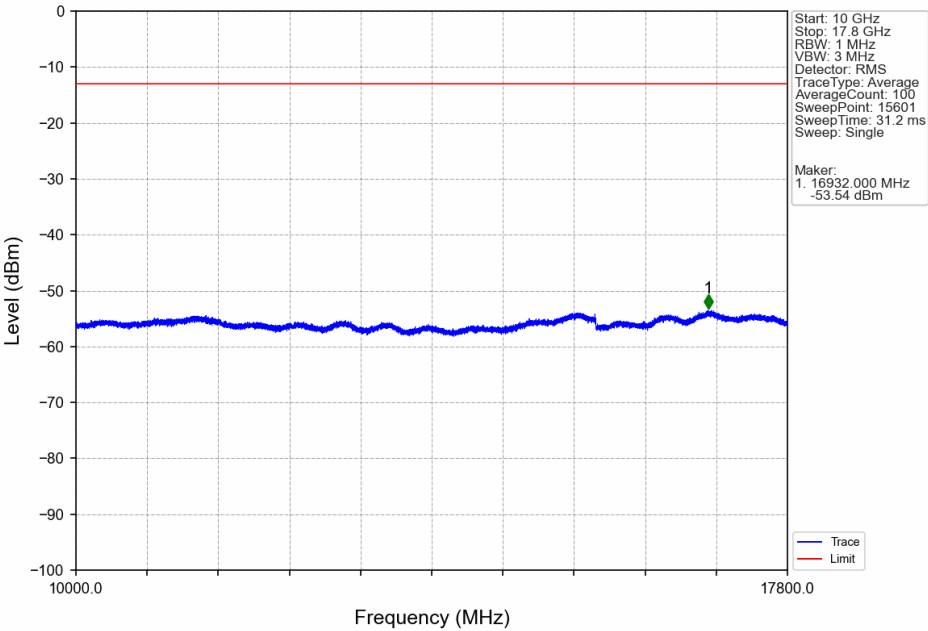


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.144	CHP	/	/	/	/	/
1780	1781	0.144	CHP	1	1780.600	-32.52	-13	Pass
1781	1795	1	CHP	2	1782.790	-25.02	-13	Pass

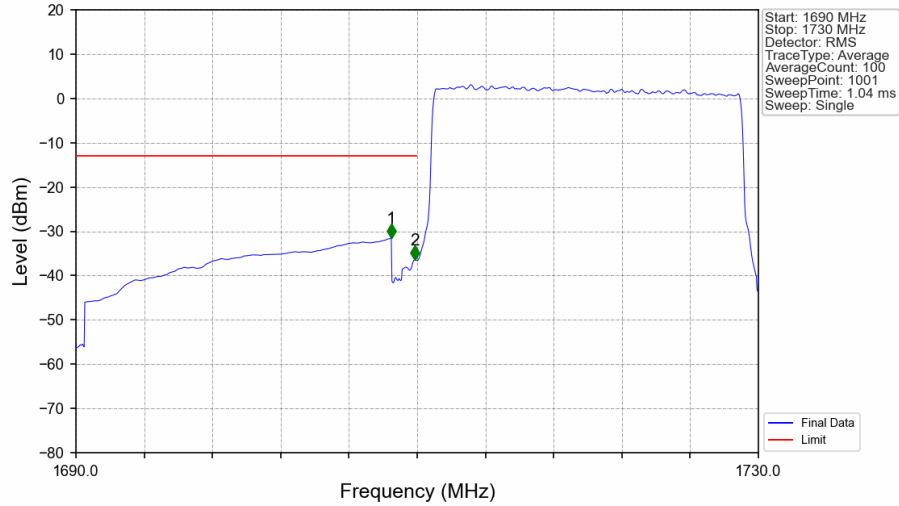
5.2.6 B66_20MHz



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTN

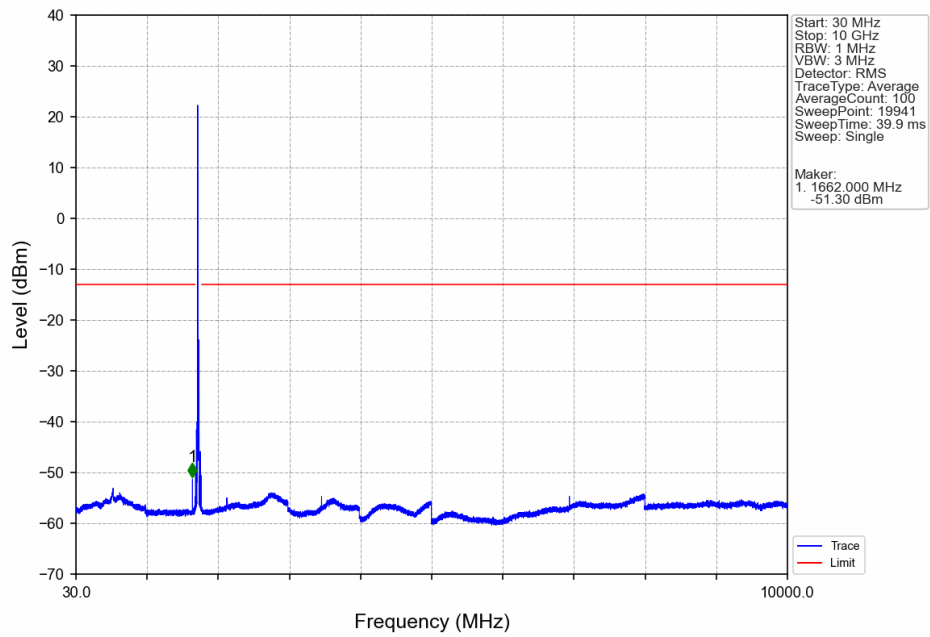


Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTN

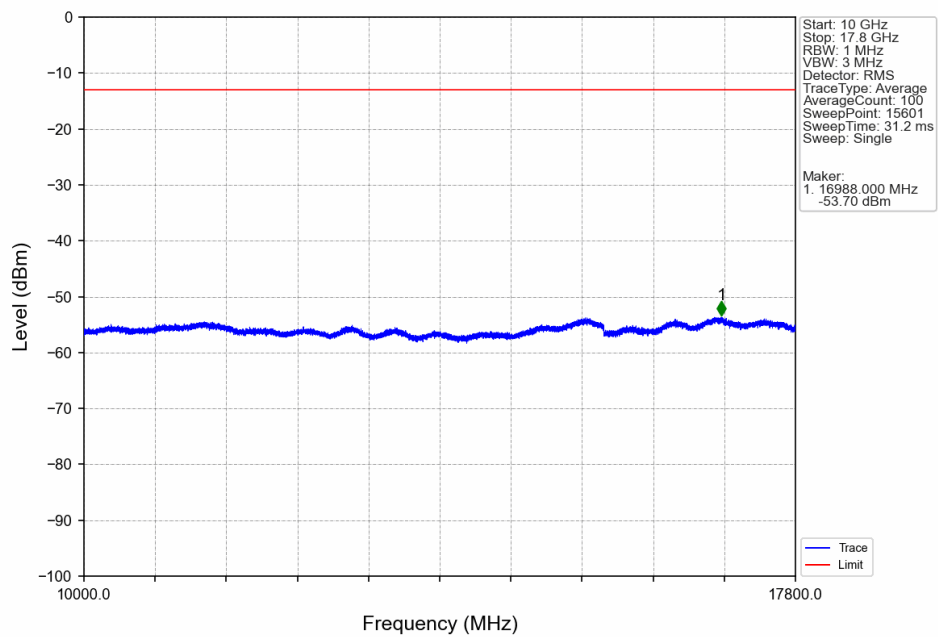


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-31.56	-13	Pass
1709	1710	0.195	CHP	2	1709.880	-36.46	-13	Pass
1710	1730	0.195	CHP	/	/	/	/	/

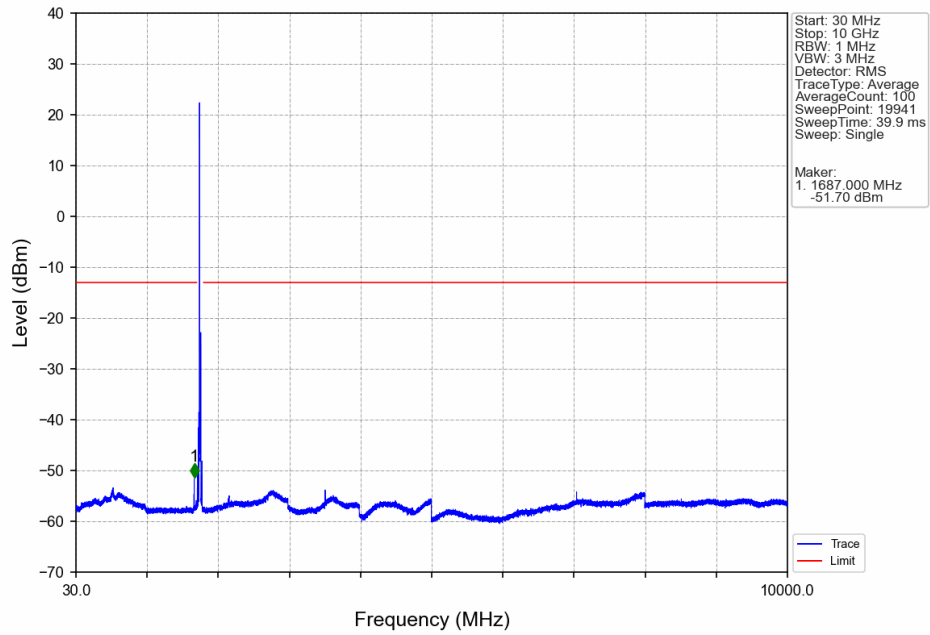
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



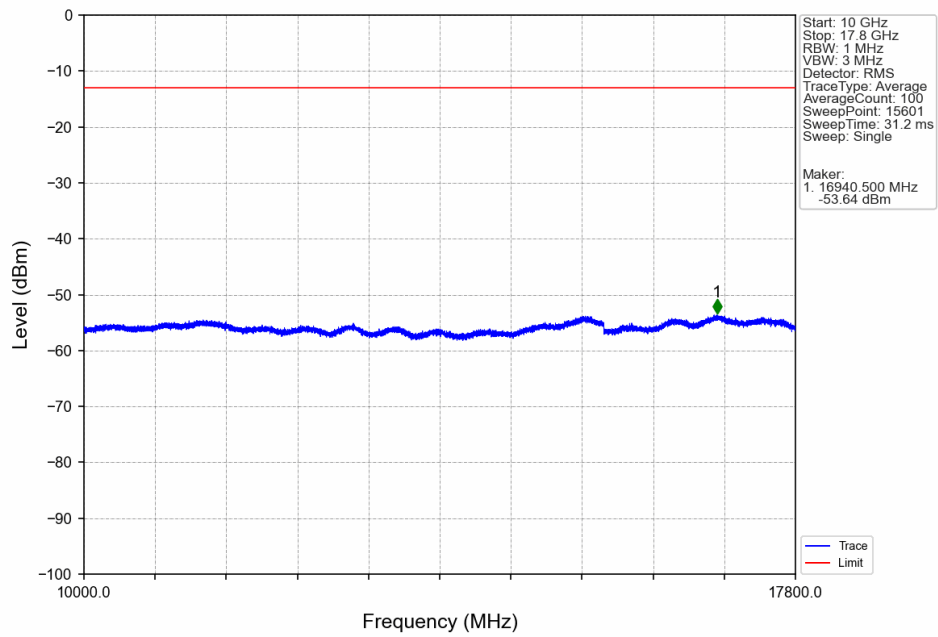
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTNV



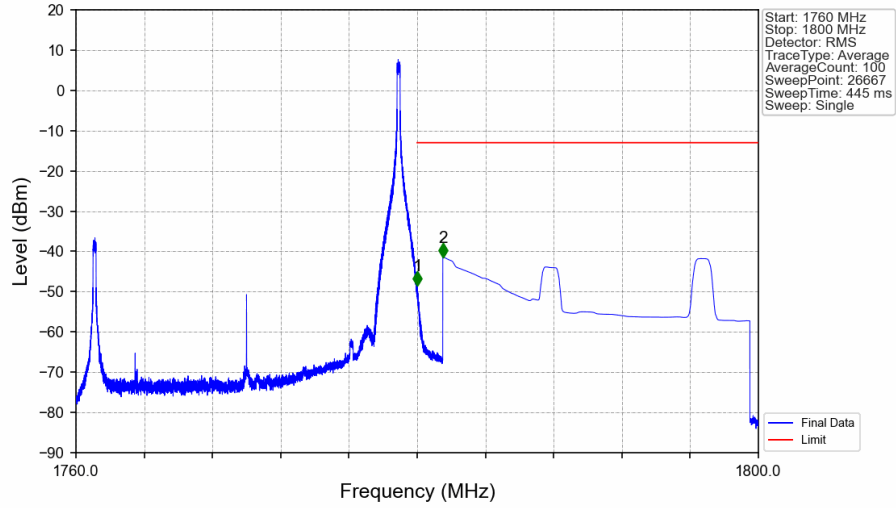
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV

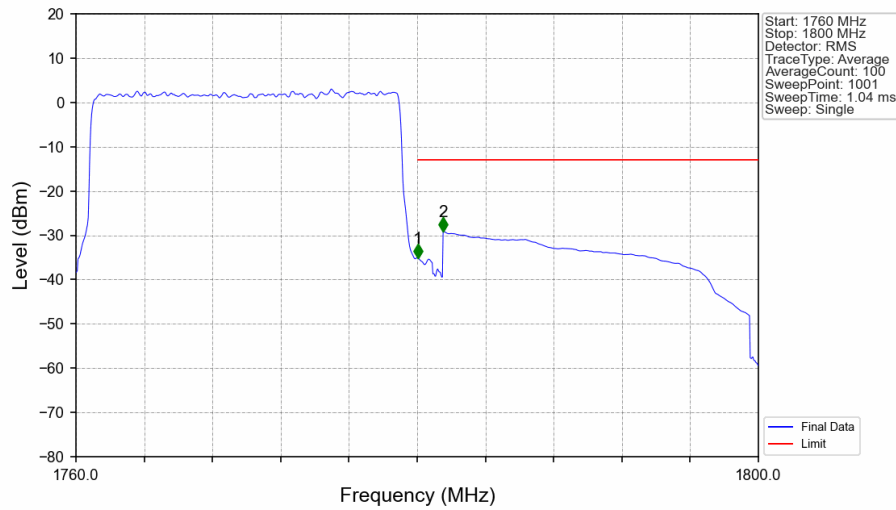


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-48.41	-13	Pass
1781	1800	1	CHP	2	1781.500	-41.38	-13	Pass

Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.196	CHP	/	/	/	/	/
1780	1781	0.196	CHP	1	1780.040	-35.11	-13	Pass
1781	1800	1	CHP	2	1781.520	-29.20	-13	Pass

6. Field Strength of Spurious Radiation

1.1. Test Band = LTE Band 66_ TM1

1.1.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	59.55	-48.38	28.44	-55.66	-13.00	42.66	Horizontal
2	5133.375	56.99	-47.84	31.57	-54.54	-13.00	41.54	Horizontal
3	7639.125	44.85	-44.82	36.37	-58.86	-13.00	45.86	Horizontal
4	10239.75	41.06	-41.75	38.97	-56.98	-13.00	43.98	Horizontal
5	13723.125	37.89	-38.21	39.88	-55.70	-13.00	42.70	Horizontal
6	14748	37.37	-36.76	40.23	-54.43	-13.00	41.43	Horizontal

1.2. Test Band = LTE Band 66_ TM1

1.2.1. Test Channel = Low Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3422.25	55.67	-48.38	28.44	-59.54	-13.00	46.54	Vertical
2	5133	59.49	-47.84	31.57	-52.04	-13.00	39.04	Vertical
3	6844.125	46.79	-46.82	35.25	-60.04	-13.00	47.04	Vertical
4	9102.75	41.16	-42.86	37.54	-59.42	-13.00	46.42	Vertical
5	10933.875	39.72	-40.24	39.45	-56.33	-13.00	43.33	Vertical
6	14710.875	37.66	-36.70	40.23	-54.07	-13.00	41.07	Vertical

1.3. Test Band = LTE Band 66_ TM1

1.3.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.125	58.40	-48.32	28.48	-56.71	-13.00	43.71	Horizontal
2	5208.375	58.87	-47.88	31.78	-52.49	-13.00	39.49	Horizontal
3	6944.625	46.77	-46.67	35.41	-59.75	-13.00	46.75	Horizontal
4	9996.375	41.00	-41.71	38.79	-57.18	-13.00	44.18	Horizontal
5	13912.5	38.79	-38.78	40.17	-55.08	-13.00	42.08	Horizontal
6	15395.625	37.52	-37.25	39.49	-55.50	-13.00	42.50	Horizontal

1.4. Test Band = LTE Band 66_ TM1

1.4.1. Test Channel = Mid Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3472.125	52.09	-48.32	28.48	-63.02	-13.00	50.02	Vertical
2	5208.375	59.62	-47.88	31.78	-51.74	-13.00	38.74	Vertical
3	6944.25	49.65	-46.67	35.41	-56.87	-13.00	43.87	Vertical
4	9708.375	40.51	-42.10	38.39	-58.46	-13.00	45.46	Vertical
5	11502.75	39.12	-40.05	39.45	-56.74	-13.00	43.74	Vertical
6	14738.625	37.68	-36.75	40.23	-54.10	-13.00	41.10	Vertical

1.5. Test Band = LTE Band 66_ TM1

1.5.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.375	56.10	-48.29	28.54	-58.91	-13.00	45.91	Horizontal
2	5283.375	59.21	-47.80	31.99	-51.85	-13.00	38.85	Horizontal
3	7061.625	45.86	-46.13	35.61	-59.91	-13.00	46.91	Horizontal
4	9546.75	41.78	-42.31	38.17	-57.62	-13.00	44.62	Horizontal
5	11568.375	40.02	-39.86	39.44	-55.66	-13.00	42.66	Horizontal
6	14736	37.27	-36.74	40.23	-54.50	-13.00	41.50	Horizontal

1.6. Test Band = LTE Band 66_ TM1

1.6.1. Test Channel = High Channel

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3522.375	47.00	-48.29	28.54	-68.01	-13.00	55.01	Vertical
2	5283.375	60.02	-47.80	31.99	-51.04	-13.00	38.04	Vertical
3	7639.5	43.43	-44.82	36.37	-60.28	-13.00	47.28	Vertical
4	10864.875	39.34	-40.26	39.41	-56.77	-13.00	43.77	Vertical
5	14737.125	37.25	-36.74	40.23	-54.53	-13.00	41.53	Vertical
6	17876.25	37.11	-36.67	44.06	-50.77	-13.00	37.77	Vertical