

Appendix B.19

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	23.47	2.20	25.67	<=30	Pass
			2	23.30	2.20	25.50	<=30	Pass
			5	23.45	2.20	25.65	<=30	Pass
		3	0	23.41	2.20	25.61	<=30	Pass
			2	23.38	2.20	25.58	<=30	Pass
			3	23.33	2.20	25.53	<=30	Pass
		6	0	23.39	2.20	25.59	<=30	Pass
	1745	1	0	23.29	2.20	25.49	<=30	Pass
			2	23.43	2.20	25.63	<=30	Pass
			5	23.44	2.20	25.64	<=30	Pass
		3	0	23.34	2.20	25.54	<=30	Pass
			2	23.27	2.20	25.47	<=30	Pass
			3	23.42	2.20	25.62	<=30	Pass
		6	0	23.43	2.20	25.63	<=30	Pass
	1779.3	1	0	23.37	2.20	25.57	<=30	Pass
			2	23.50	2.20	25.70	<=30	Pass
			5	23.45	2.20	25.65	<=30	Pass
		3	0	23.25	2.20	25.45	<=30	Pass
			2	23.38	2.20	25.58	<=30	Pass
			3	23.43	2.20	25.63	<=30	Pass
		6	0	23.24	2.20	25.44	<=30	Pass
16QAM	1710.7	1	0	23.26	2.20	25.46	<=30	Pass
			2	23.05	2.20	25.25	<=30	Pass
			5	23.00	2.20	25.20	<=30	Pass
		3	0	23.29	2.20	25.49	<=30	Pass
			2	23.34	2.20	25.54	<=30	Pass
			3	23.27	2.20	25.47	<=30	Pass
		6	0	22.18	2.20	24.38	<=30	Pass
	1745	1	0	23.38	2.20	25.58	<=30	Pass
			2	23.54	2.20	25.74	<=30	Pass
			5	23.41	2.20	25.61	<=30	Pass
		3	0	23.32	2.20	25.52	<=30	Pass
			2	23.37	2.20	25.57	<=30	Pass
			3	23.30	2.20	25.50	<=30	Pass
		6	0	22.21	2.20	24.41	<=30	Pass
	1779.3	1	0	22.95	2.20	25.15	<=30	Pass
			2	23.03	2.20	25.23	<=30	Pass
			5	23.09	2.20	25.29	<=30	Pass
		3	0	23.19	2.20	25.39	<=30	Pass
			2	23.39	2.20	25.59	<=30	Pass
			3	23.33	2.20	25.53	<=30	Pass
		6	0	22.16	2.20	24.36	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B66_3MHz_EIRP

Band: 66 / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1711.5	1	0	23.47	2.20	25.67	<=30	Pass
			7	23.66	2.20	25.86	<=30	Pass
			14	23.43	2.20	25.63	<=30	Pass
		8	0	23.35	2.20	25.55	<=30	Pass
			4	23.36	2.20	25.56	<=30	Pass
			7	23.31	2.20	25.51	<=30	Pass
		15	0	23.28	2.20	25.48	<=30	Pass
	1745	1	0	23.17	2.20	25.37	<=30	Pass
			7	23.38	2.20	25.58	<=30	Pass
			14	23.32	2.20	25.52	<=30	Pass
		8	0	23.27	2.20	25.47	<=30	Pass
			4	23.35	2.20	25.55	<=30	Pass
			7	23.37	2.20	25.57	<=30	Pass
		15	0	23.28	2.20	25.48	<=30	Pass
	1778.5	1	0	23.42	2.20	25.62	<=30	Pass
			7	23.54	2.20	25.74	<=30	Pass
			14	23.34	2.20	25.54	<=30	Pass
		8	0	23.35	2.20	25.55	<=30	Pass
			4	23.40	2.20	25.60	<=30	Pass
			7	23.30	2.20	25.50	<=30	Pass
		15	0	23.31	2.20	25.51	<=30	Pass
16QAM	1711.5	1	0	23.06	2.20	25.26	<=30	Pass
			7	23.47	2.20	25.67	<=30	Pass
			14	22.86	2.20	25.06	<=30	Pass
		8	0	21.96	2.20	24.16	<=30	Pass
			4	22.09	2.20	24.29	<=30	Pass
			7	22.04	2.20	24.24	<=30	Pass
		15	0	22.17	2.20	24.37	<=30	Pass
	1745	1	0	23.08	2.20	25.28	<=30	Pass
			7	23.27	2.20	25.47	<=30	Pass
			14	23.00	2.20	25.20	<=30	Pass
		8	0	21.90	2.20	24.10	<=30	Pass
			4	22.13	2.20	24.33	<=30	Pass
			7	22.06	2.20	24.26	<=30	Pass
		15	0	22.19	2.20	24.39	<=30	Pass
	1778.5	1	0	23.17	2.20	25.37	<=30	Pass
			7	22.95	2.20	25.15	<=30	Pass
			14	23.21	2.20	25.41	<=30	Pass
		8	0	22.03	2.20	24.23	<=30	Pass
			4	22.24	2.20	24.44	<=30	Pass
			7	22.22	2.20	24.42	<=30	Pass
		15	0	22.31	2.20	24.51	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTNV			
SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. Wireless Laboratory	South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000	t (86-512) 6229 2980 www.sgsgroup.com.cn	Member of the SGS Group (SGS SA)

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.09	2.20	25.29	<=30	Pass
			13	23.27	2.20	25.47	<=30	Pass
			24	23.41	2.20	25.61	<=30	Pass
		12	0	23.31	2.20	25.51	<=30	Pass
			6	23.31	2.20	25.51	<=30	Pass
			13	23.28	2.20	25.48	<=30	Pass
		25	0	23.24	2.20	25.44	<=30	Pass
	1745	1	0	23.39	2.20	25.59	<=30	Pass
			13	23.45	2.20	25.65	<=30	Pass
			24	23.19	2.20	25.39	<=30	Pass
		12	0	23.30	2.20	25.50	<=30	Pass
			6	23.30	2.20	25.50	<=30	Pass
			13	23.24	2.20	25.44	<=30	Pass
		25	0	23.32	2.20	25.52	<=30	Pass
	1777.5	1	0	23.42	2.20	25.62	<=30	Pass
			13	23.24	2.20	25.44	<=30	Pass
			24	23.18	2.20	25.38	<=30	Pass
		12	0	23.30	2.20	25.50	<=30	Pass
			6	23.35	2.20	25.55	<=30	Pass
			13	23.27	2.20	25.47	<=30	Pass
		25	0	23.38	2.20	25.58	<=30	Pass
16QAM	1712.5	1	0	23.18	2.20	25.38	<=30	Pass
			13	22.96	2.20	25.16	<=30	Pass
			24	22.96	2.20	25.16	<=30	Pass
		12	0	22.18	2.20	24.38	<=30	Pass
			6	22.21	2.20	24.41	<=30	Pass
			13	22.17	2.20	24.37	<=30	Pass
		25	0	22.44	2.20	24.64	<=30	Pass
	1745	1	0	22.98	2.20	25.18	<=30	Pass
			13	22.82	2.20	25.02	<=30	Pass
			24	22.98	2.20	25.18	<=30	Pass
		12	0	22.00	2.20	24.20	<=30	Pass
			6	22.25	2.20	24.45	<=30	Pass
			13	22.00	2.20	24.20	<=30	Pass
		25	0	22.15	2.20	24.35	<=30	Pass
	1777.5	1	0	23.89	2.20	26.09	<=30	Pass
			13	23.08	2.20	25.28	<=30	Pass
			24	22.80	2.20	25.00	<=30	Pass
		12	0	22.19	2.20	24.39	<=30	Pass
			6	22.23	2.20	24.43	<=30	Pass
			13	22.25	2.20	24.45	<=30	Pass
		25	0	22.39	2.20	24.59	<=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	23.48	2.20	25.68	<=30	Pass
			25	23.75	2.20	25.95	<=30	Pass
			49	23.33	2.20	25.53	<=30	Pass
		25	0	23.30	2.20	25.50	<=30	Pass

16QAM	1745	50	13	23.42	2.20	25.62	<=30	Pass
			25	23.23	2.20	25.43	<=30	Pass
			0	23.27	2.20	25.47	<=30	Pass
		1	0	23.54	2.20	25.74	<=30	Pass
			25	23.33	2.20	25.53	<=30	Pass
			49	23.36	2.20	25.56	<=30	Pass
		25	0	23.26	2.20	25.46	<=30	Pass
			13	23.32	2.20	25.52	<=30	Pass
			25	23.29	2.20	25.49	<=30	Pass
		50	0	23.28	2.20	25.48	<=30	Pass
	1775	1	0	23.46	2.20	25.66	<=30	Pass
			25	23.58	2.20	25.78	<=30	Pass
			49	23.36	2.20	25.56	<=30	Pass
		25	0	23.24	2.20	25.44	<=30	Pass
			13	23.35	2.20	25.55	<=30	Pass
			25	23.27	2.20	25.47	<=30	Pass
		50	0	23.31	2.20	25.51	<=30	Pass
	1715	1	0	23.07	2.20	25.27	<=30	Pass
			25	23.40	2.20	25.60	<=30	Pass
			49	22.78	2.20	24.98	<=30	Pass
		25	0	22.26	2.20	24.46	<=30	Pass
			13	22.45	2.20	24.65	<=30	Pass
			25	22.12	2.20	24.32	<=30	Pass
		50	0	22.35	2.20	24.55	<=30	Pass
	1745	1	0	23.35	2.20	25.55	<=30	Pass
			25	23.16	2.20	25.36	<=30	Pass
			49	22.97	2.20	25.17	<=30	Pass
		25	0	22.26	2.20	24.46	<=30	Pass
			13	22.47	2.20	24.67	<=30	Pass
			25	22.11	2.20	24.31	<=30	Pass
		50	0	22.30	2.20	24.50	<=30	Pass
	1775	1	0	22.89	2.20	25.09	<=30	Pass
			25	23.18	2.20	25.38	<=30	Pass
			49	22.96	2.20	25.16	<=30	Pass
		25	0	22.21	2.20	24.41	<=30	Pass
			13	22.23	2.20	24.43	<=30	Pass
			25	22.04	2.20	24.24	<=30	Pass
		50	0	22.39	2.20	24.59	<=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	23.26	2.20	25.46	<=30	Pass
			38	23.40	2.20	25.60	<=30	Pass
			74	23.23	2.20	25.43	<=30	Pass
		36	0	23.21	2.20	25.41	<=30	Pass
			18	23.22	2.20	25.42	<=30	Pass
			39	23.17	2.20	25.37	<=30	Pass
		75	0	23.20	2.20	25.40	<=30	Pass
	1745	1	0	23.54	2.20	25.74	<=30	Pass
			38	23.44	2.20	25.64	<=30	Pass
			74	23.37	2.20	25.57	<=30	Pass

16QAM	1772.5	36	0	23.41	2.20	25.61	<=30	Pass
			18	23.27	2.20	25.47	<=30	Pass
			39	23.37	2.20	25.57	<=30	Pass
		75	0	23.42	2.20	25.62	<=30	Pass
			0	23.35	2.20	25.55	<=30	Pass
			38	23.46	2.20	25.66	<=30	Pass
		1	74	23.44	2.20	25.64	<=30	Pass
			0	23.30	2.20	25.50	<=30	Pass
			18	23.26	2.20	25.46	<=30	Pass
	1717.5	36	39	23.25	2.20	25.45	<=30	Pass
			0	23.29	2.20	25.49	<=30	Pass
			0	22.90	2.20	25.10	<=30	Pass
		1	38	22.78	2.20	24.98	<=30	Pass
			74	22.67	2.20	24.87	<=30	Pass
			0	22.16	2.20	24.36	<=30	Pass
		36	18	22.20	2.20	24.40	<=30	Pass
			39	21.93	2.20	24.13	<=30	Pass
			0	22.08	2.20	24.28	<=30	Pass
16QAM	1745	75	0	22.78	2.20	24.98	<=30	Pass
			38	23.13	2.20	25.33	<=30	Pass
			74	22.93	2.20	25.13	<=30	Pass
		1	0	22.40	2.20	24.60	<=30	Pass
			18	22.27	2.20	24.47	<=30	Pass
			39	22.15	2.20	24.35	<=30	Pass
		36	0	22.17	2.20	24.37	<=30	Pass
			0	23.01	2.20	25.21	<=30	Pass
			38	22.96	2.20	25.16	<=30	Pass
16QAM	1772.5	1	74	22.95	2.20	25.15	<=30	Pass
			0	22.07	2.20	24.27	<=30	Pass
			18	22.14	2.20	24.34	<=30	Pass
		36	39	22.04	2.20	24.24	<=30	Pass
			0	22.19	2.20	24.39	<=30	Pass
			0	22.90	2.20	25.10	<=30	Pass
		1	38	22.78	2.20	24.98	<=30	Pass
			74	22.67	2.20	24.87	<=30	Pass
			0	22.16	2.20	24.36	<=30	Pass
	1717.5	36	18	22.20	2.20	24.40	<=30	Pass
			39	21.93	2.20	24.13	<=30	Pass
			0	22.08	2.20	24.28	<=30	Pass
		75	0	22.78	2.20	24.98	<=30	Pass
			38	23.13	2.20	25.33	<=30	Pass
			74	22.93	2.20	25.13	<=30	Pass
		1	0	22.40	2.20	24.60	<=30	Pass
			18	22.27	2.20	24.47	<=30	Pass
			39	22.15	2.20	24.35	<=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	23.25	2.20	25.45	<=30	Pass
			50	23.56	2.20	25.76	<=30	Pass
			99	23.19	2.20	25.39	<=30	Pass
		50	0	23.23	2.20	25.43	<=30	Pass
			25	23.27	2.20	25.47	<=30	Pass
			50	23.20	2.20	25.40	<=30	Pass
		100	0	23.17	2.20	25.37	<=30	Pass
			0	23.36	2.20	25.56	<=30	Pass
			50	23.71	2.20	25.91	<=30	Pass
	1745	1	99	23.52	2.20	25.72	<=30	Pass
			0	23.34	2.20	25.54	<=30	Pass
			25	23.25	2.20	25.45	<=30	Pass
		50	50	23.46	2.20	25.66	<=30	Pass
			0	23.15	2.20	25.35	<=30	Pass
			0	23.32	2.20	25.52	<=30	Pass
		100	50	23.66	2.20	25.86	<=30	Pass
			0	23.32	2.20	25.52	<=30	Pass
			50	23.66	2.20	25.86	<=30	Pass

			99	23.39	2.20	25.59	<=30	Pass	
		50	0	23.21	2.20	25.41	<=30	Pass	
			25	23.40	2.20	25.60	<=30	Pass	
			50	23.26	2.20	25.46	<=30	Pass	
	100	0	23.30	2.20	25.50	<=30	Pass		
16QAM	1720	1	0	22.84	2.20	25.04	<=30	Pass	
			50	22.92	2.20	25.12	<=30	Pass	
			99	22.84	2.20	25.04	<=30	Pass	
		50	0	22.16	2.20	24.36	<=30	Pass	
			25	22.06	2.20	24.26	<=30	Pass	
			50	22.05	2.20	24.25	<=30	Pass	
		100	0	21.94	2.20	24.14	<=30	Pass	
		1745	1	0	23.08	2.20	25.28	<=30	Pass
				50	23.37	2.20	25.57	<=30	Pass
				99	23.05	2.20	25.25	<=30	Pass
	50		0	22.37	2.20	24.57	<=30	Pass	
			25	22.25	2.20	24.45	<=30	Pass	
			50	22.17	2.20	24.37	<=30	Pass	
	100		0	22.40	2.20	24.60	<=30	Pass	
	1770	1	0	22.80	2.20	25.00	<=30	Pass	
			50	23.10	2.20	25.30	<=30	Pass	
			99	22.73	2.20	24.93	<=30	Pass	
		50	0	22.03	2.20	24.23	<=30	Pass	
			25	22.27	2.20	24.47	<=30	Pass	
			50	22.23	2.20	24.43	<=30	Pass	
		100	0	22.07	2.20	24.27	<=30	Pass	
		Note1: EIRP=Conducted Power+Antenna Gain							

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	-3.600	-0.0021	-2.5 to 2.5	Pass
					3.85	-0.600	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.400	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	-2.400	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	-3.900	-0.0022	-2.5 to 2.5	Pass
				-10	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				0	3.85	-1.800	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-2.900	-0.0017	-2.5 to 2.5	Pass
				30	3.85	-2.700	-0.0015	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	-1.800	-0.0010	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

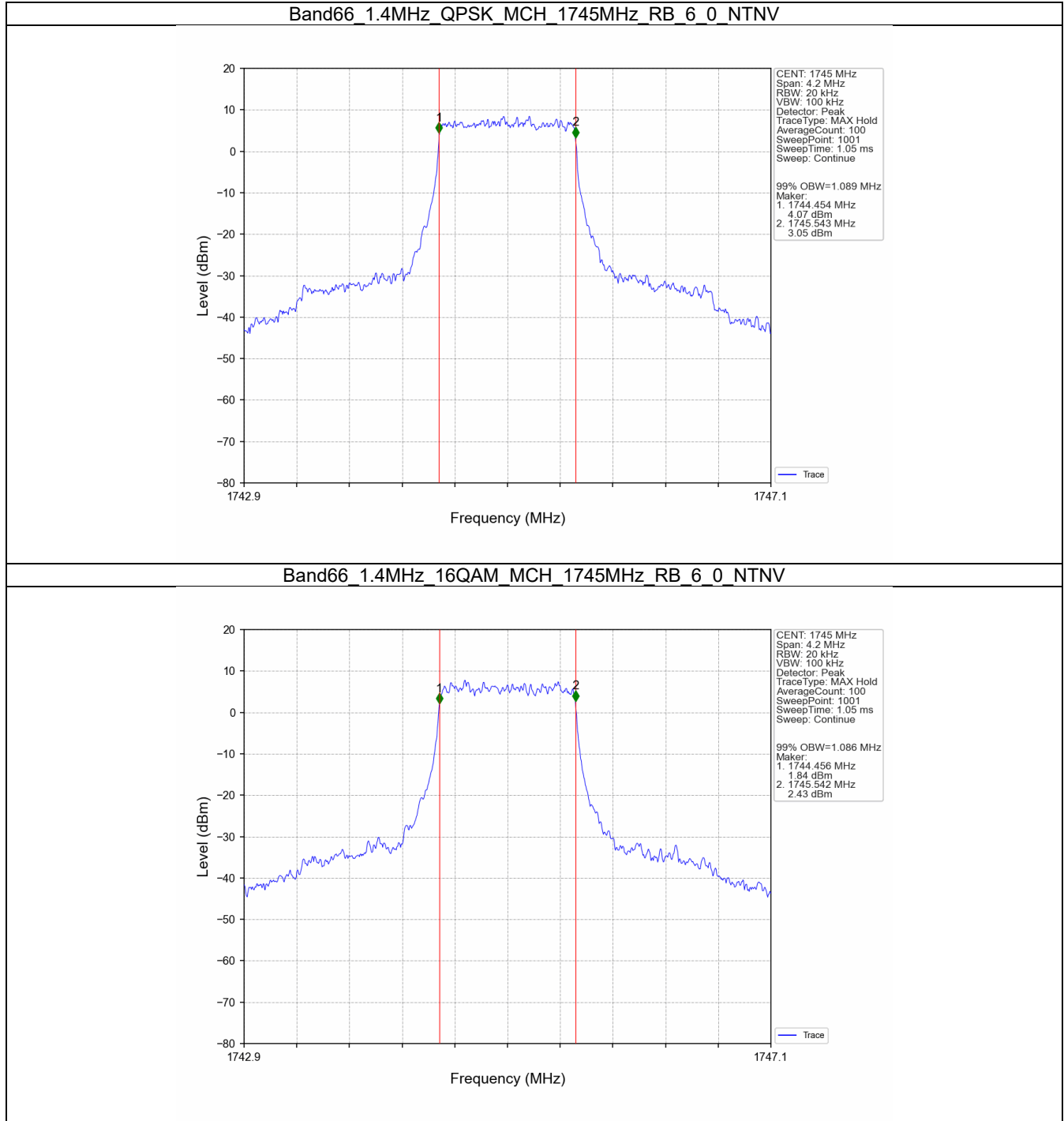
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.089	/	Pass
	16QAM	1745	6	0	1.086	/	Pass
3	QPSK	1745	15	0	2.678	/	Pass
	16QAM	1745	15	0	2.681	/	Pass
5	QPSK	1745	25	0	4.465	/	Pass
	16QAM	1745	25	0	4.468	/	Pass
10	QPSK	1745	50	0	8.925	/	Pass
	16QAM	1745	50	0	8.934	/	Pass
15	QPSK	1745	75	0	13.390	/	Pass
	16QAM	1745	75	0	13.423	/	Pass
20	QPSK	1745	100	0	17.801	/	Pass
	16QAM	1745	100	0	17.828	/	Pass

3.1.2 Band66_XDB

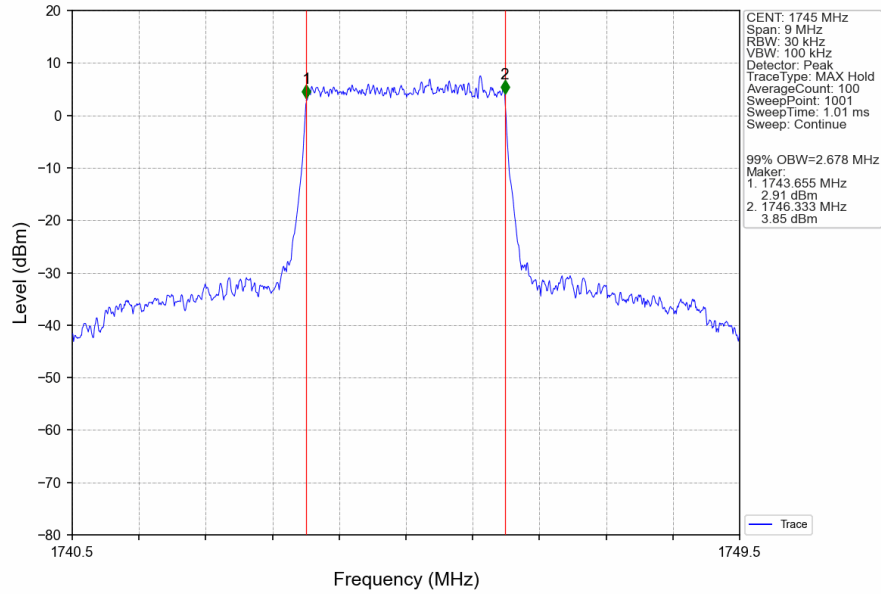
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.270	/	Pass
	16QAM	1745	6	0	1.266	/	Pass
3	QPSK	1745	15	0	2.928	/	Pass
	16QAM	1745	15	0	2.936	/	Pass
5	QPSK	1745	25	0	4.949	/	Pass
	16QAM	1745	25	0	4.942	/	Pass
10	QPSK	1745	50	0	9.667	/	Pass
	16QAM	1745	50	0	9.635	/	Pass
15	QPSK	1745	75	0	14.302	/	Pass
	16QAM	1745	75	0	14.661	/	Pass
20	QPSK	1745	100	0	18.927	/	Pass
	16QAM	1745	100	0	18.977	/	Pass

3.2 Test Graph

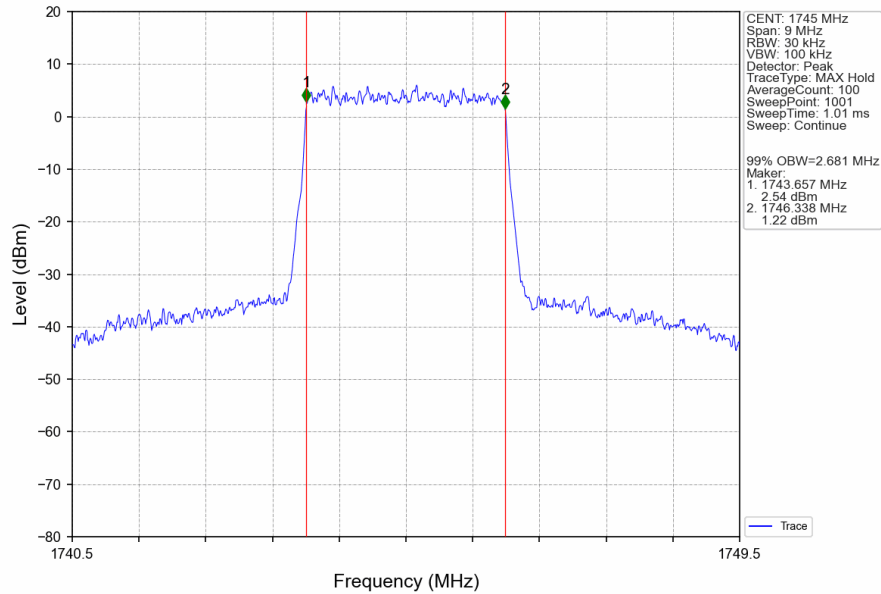
3.2.1 Band66_OBW



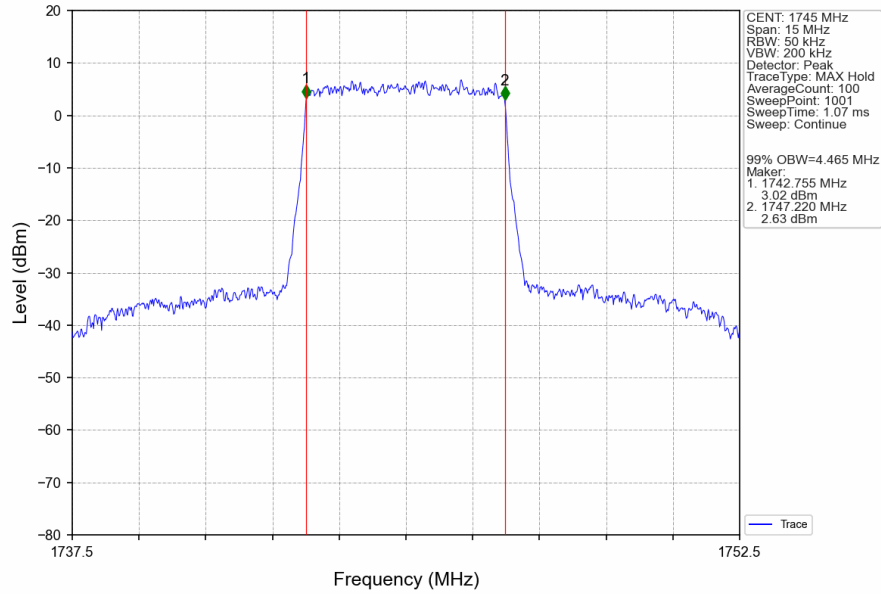
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



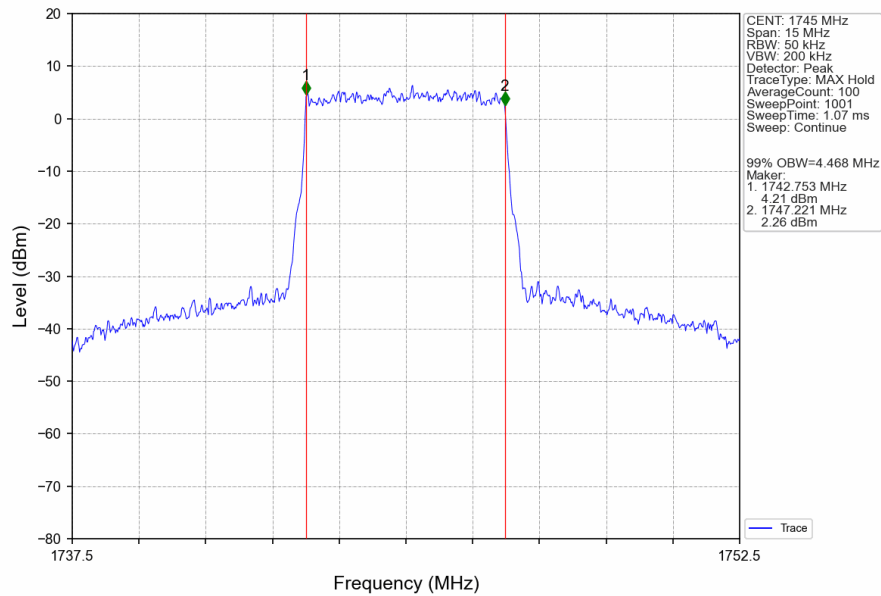
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



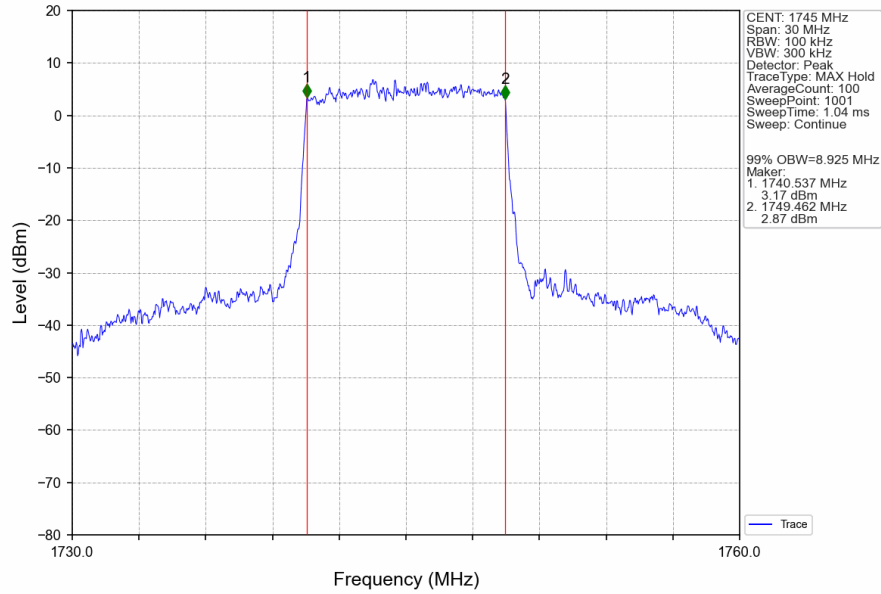
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



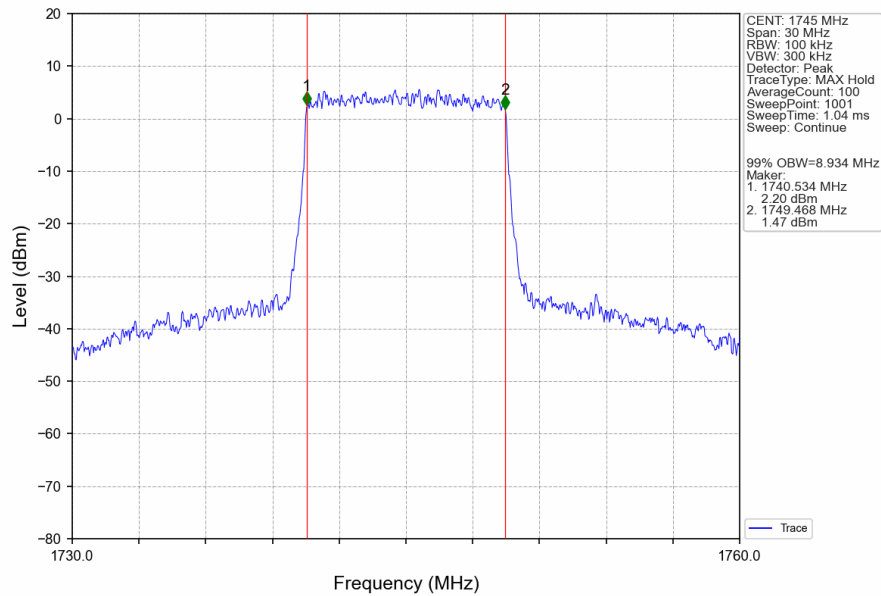
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



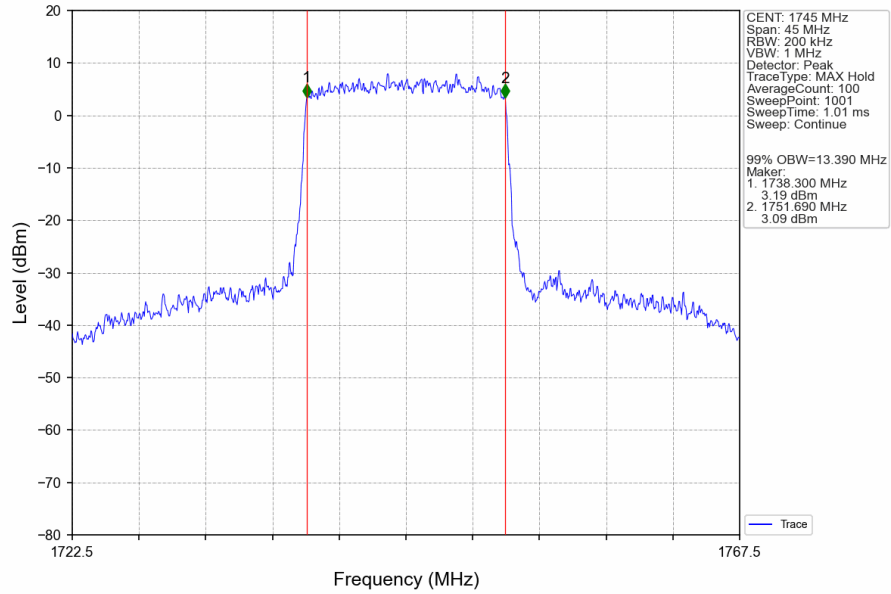
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



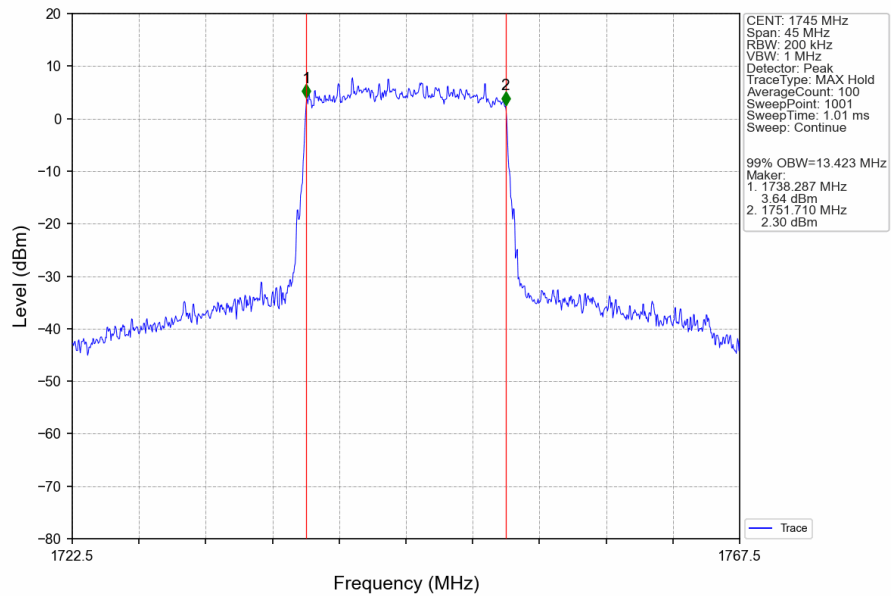
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



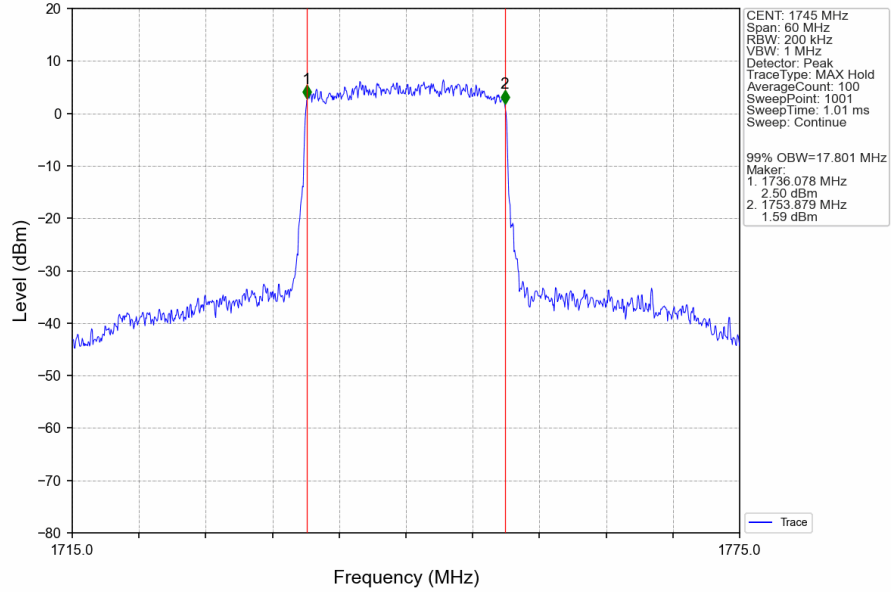
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



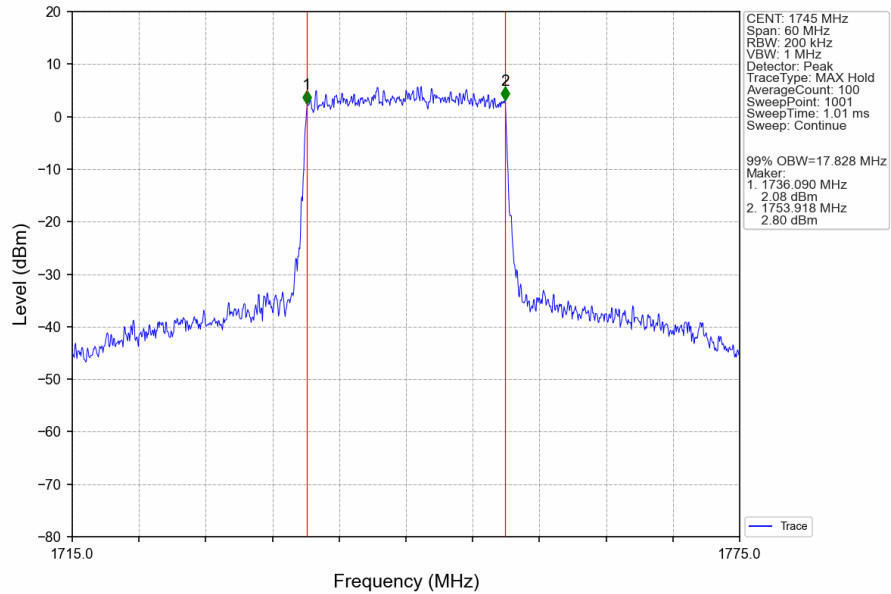
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



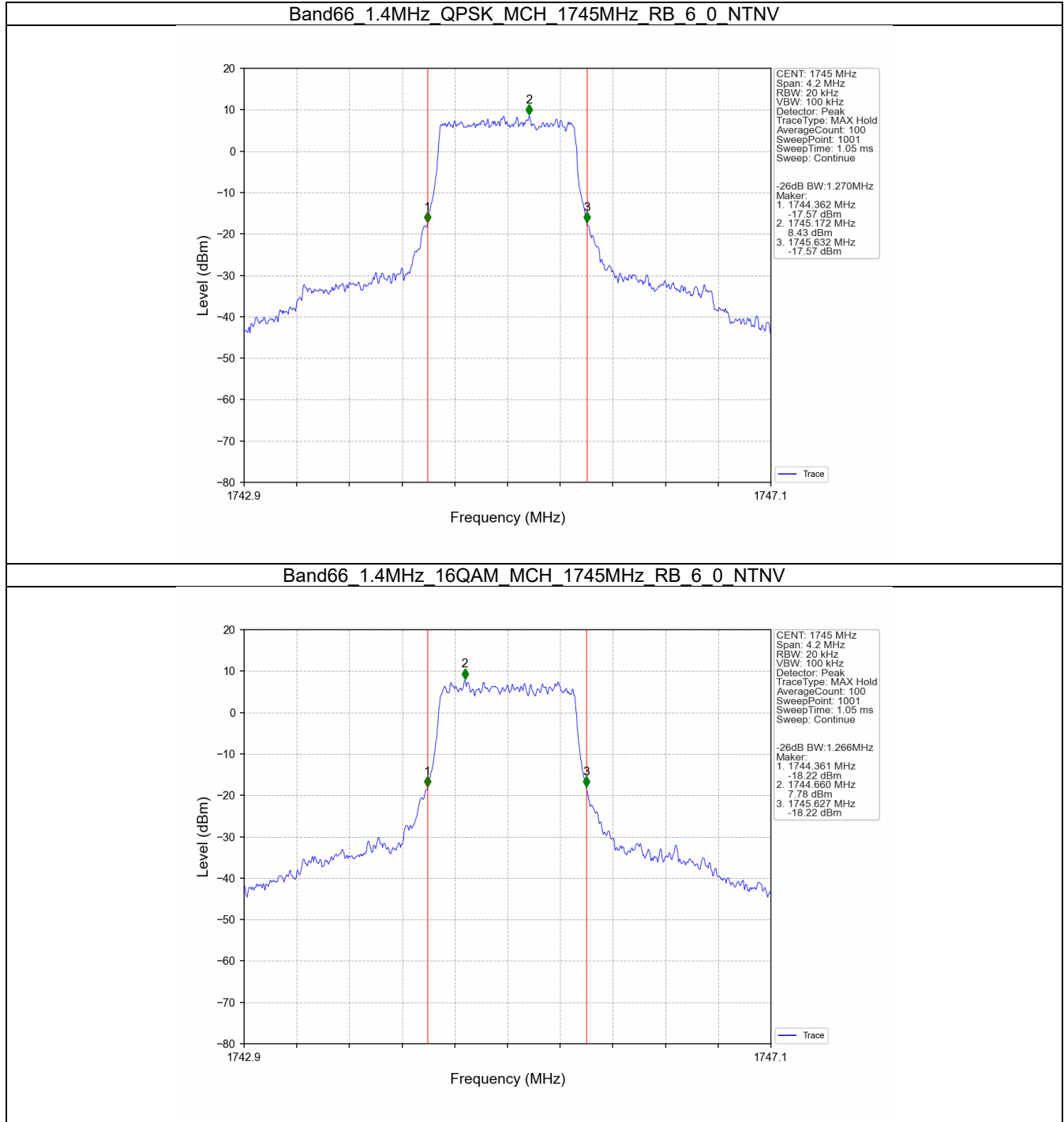
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



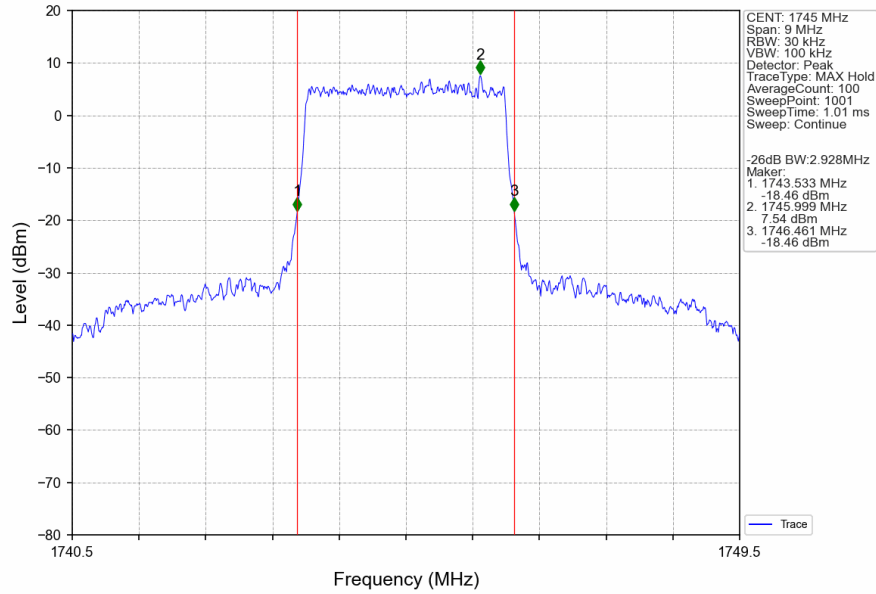
Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



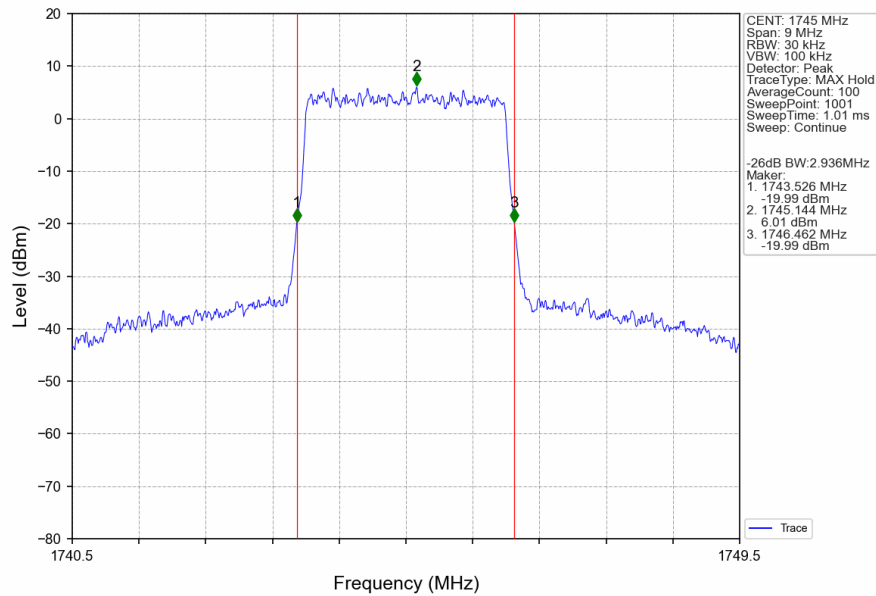
3.2.2 Band66_XDB



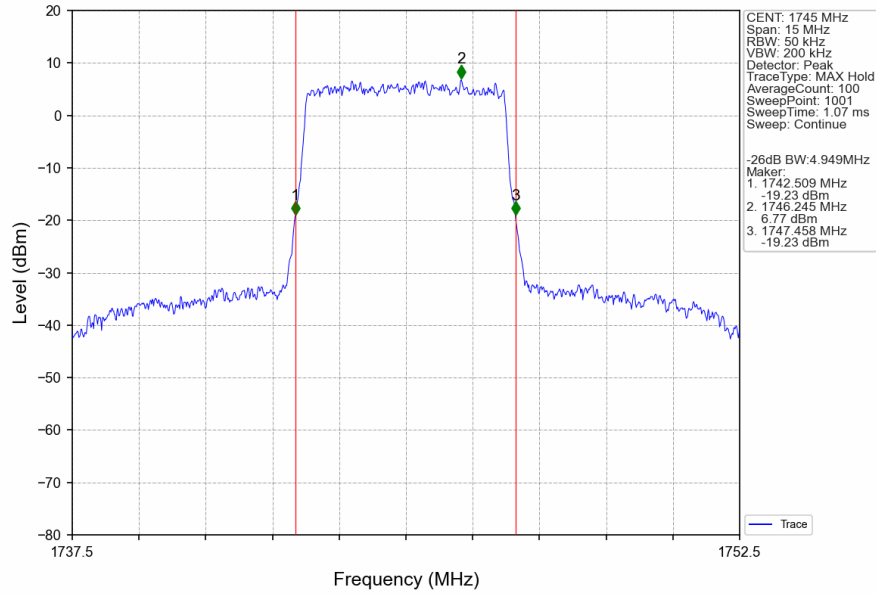
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



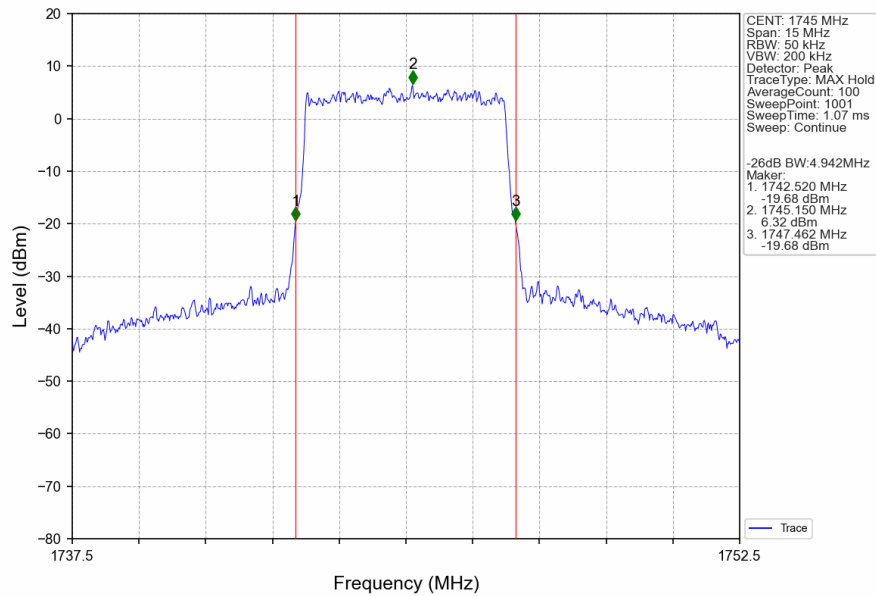
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



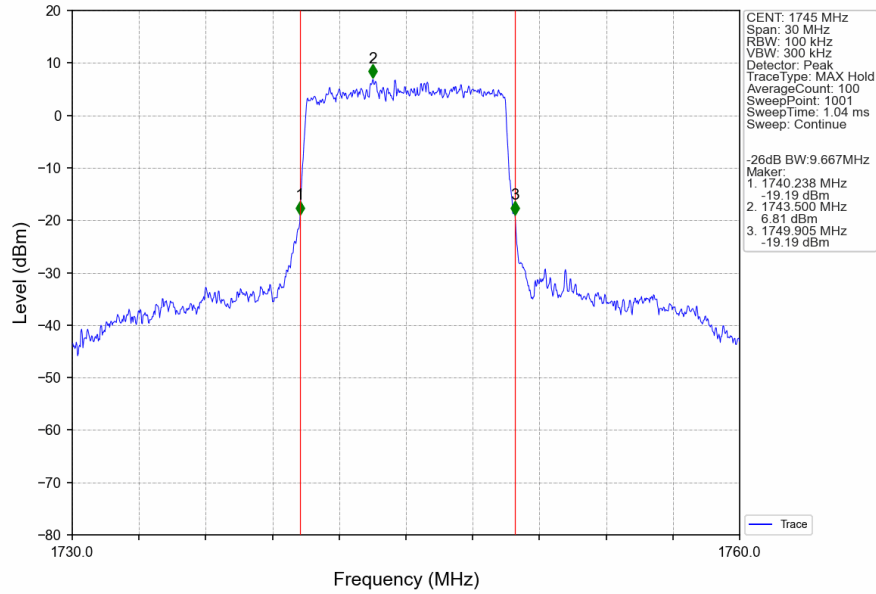
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



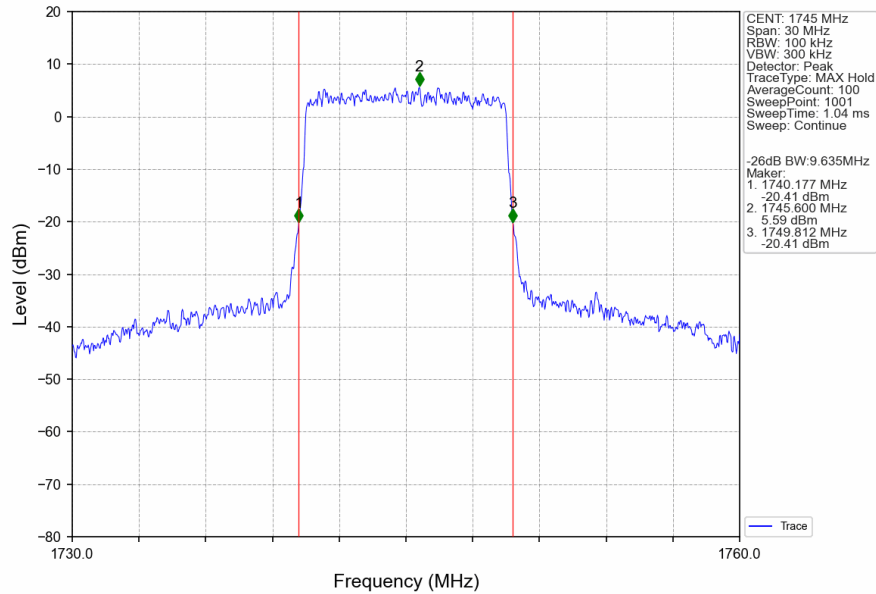
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



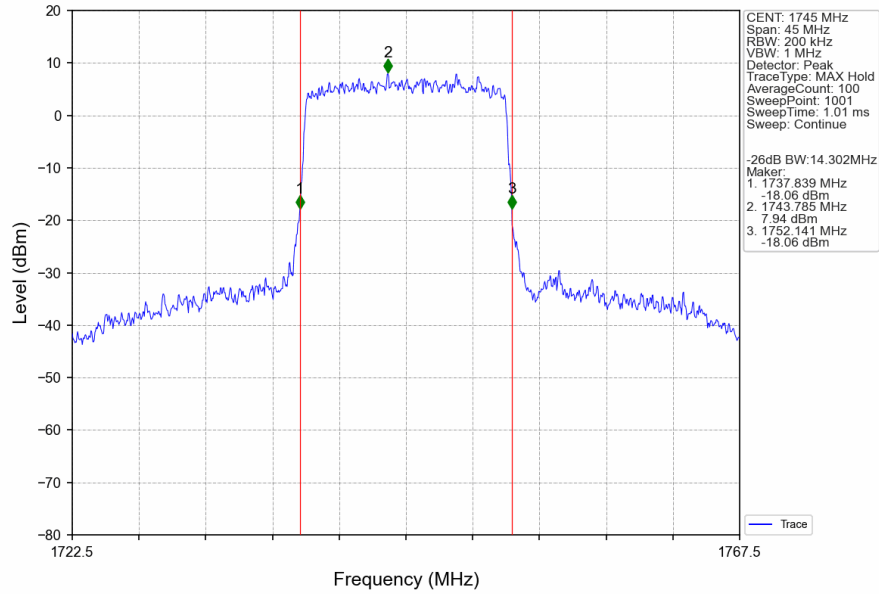
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



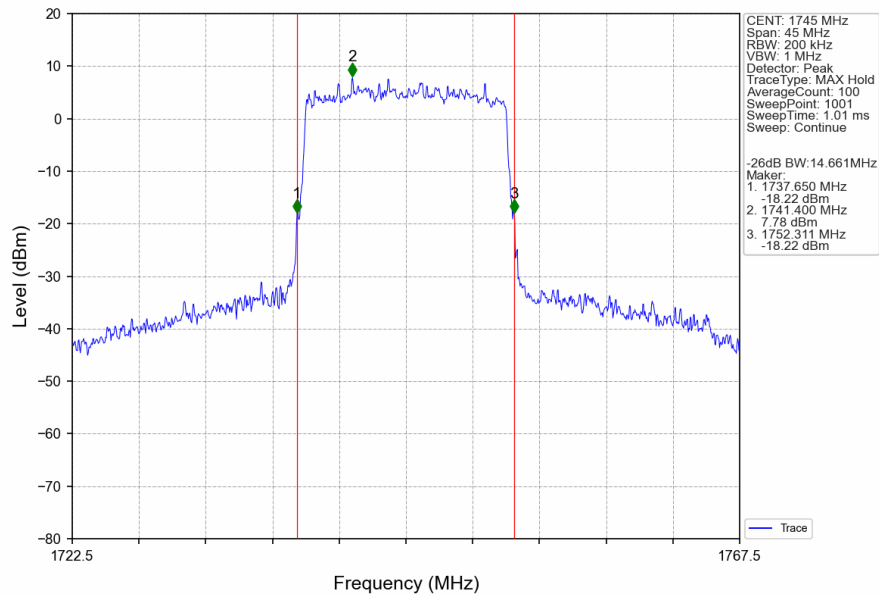
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



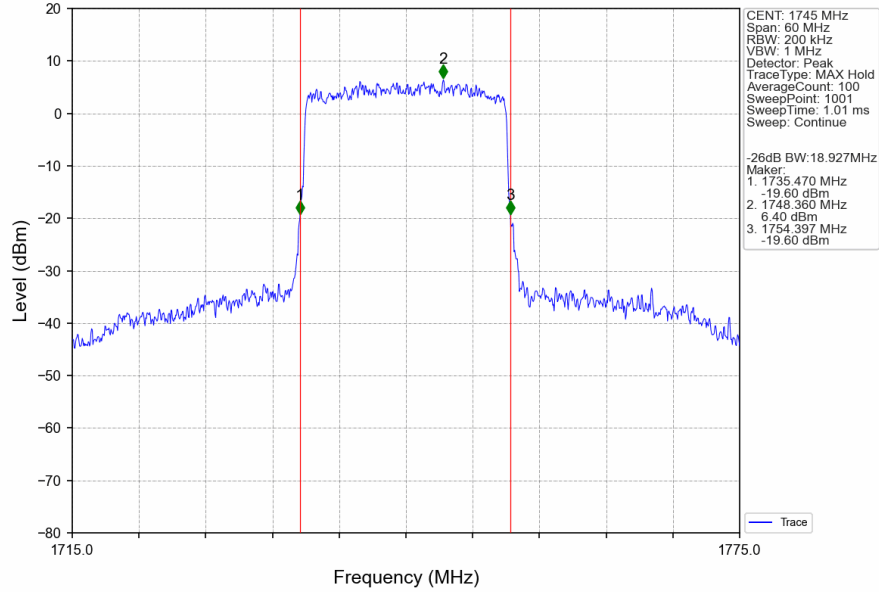
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



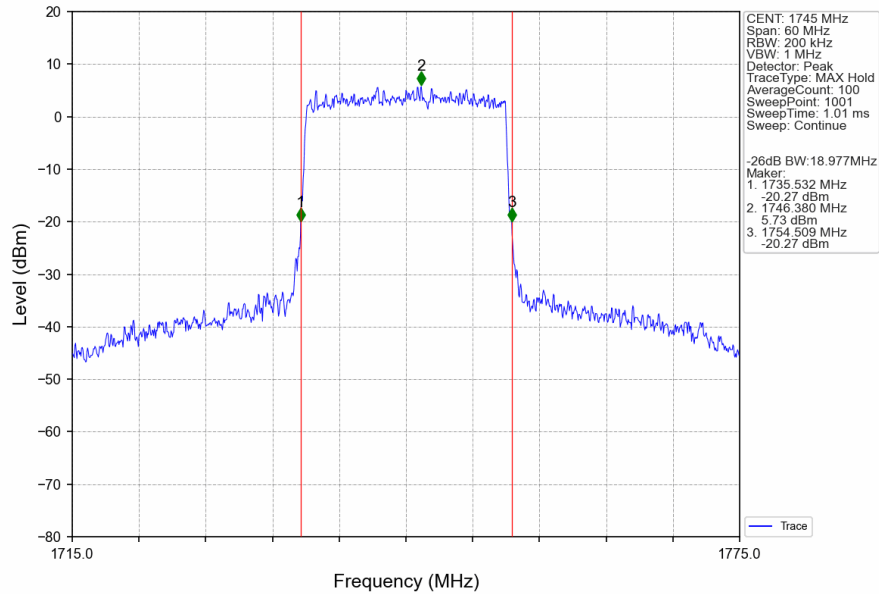
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



4. Peak-Average Ratio

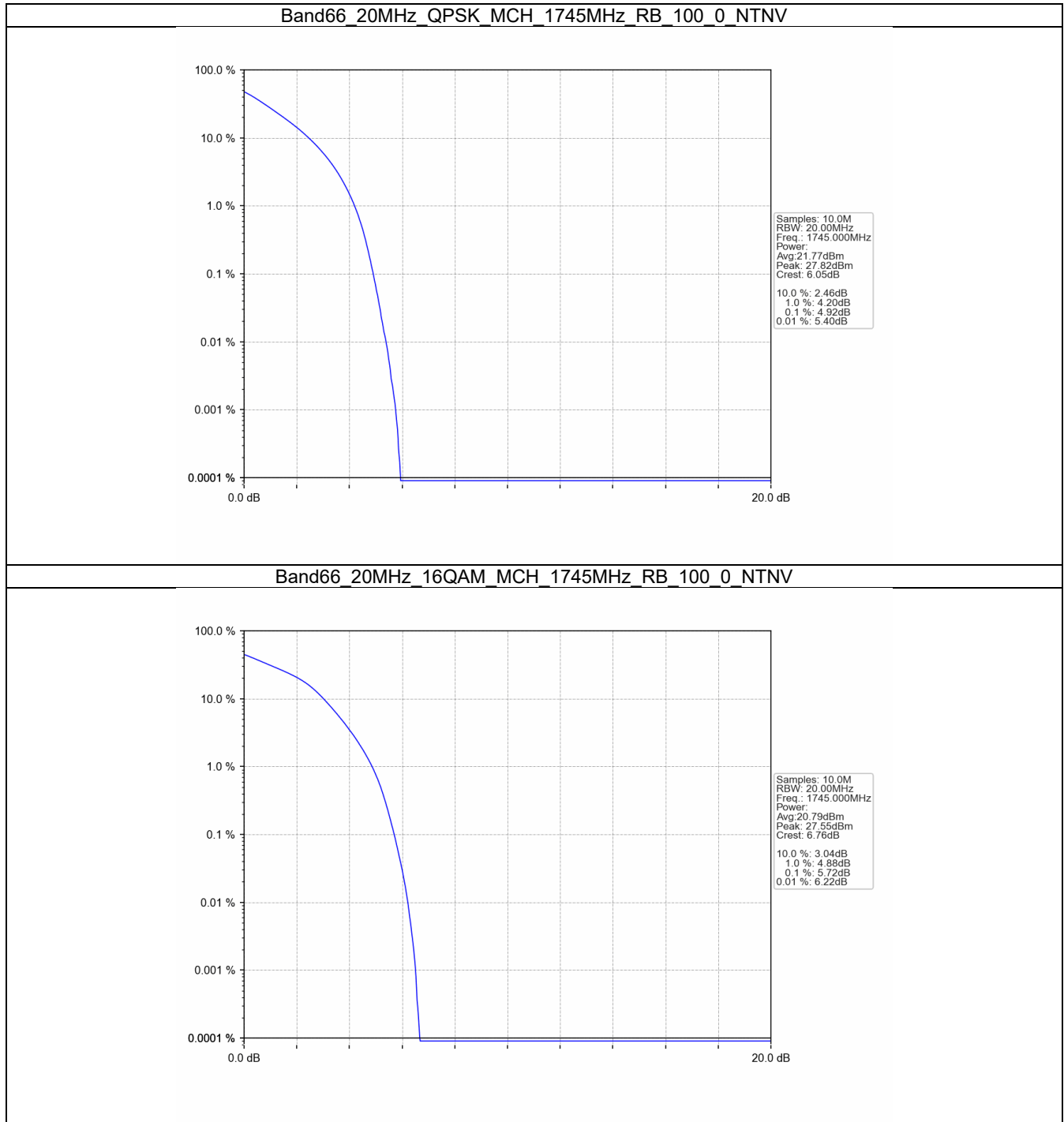
4.1 Test Result

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	4.92	<=13	Pass
16QAM	1745	100	0	5.72	<=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 / NTV						
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 / NTV						
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

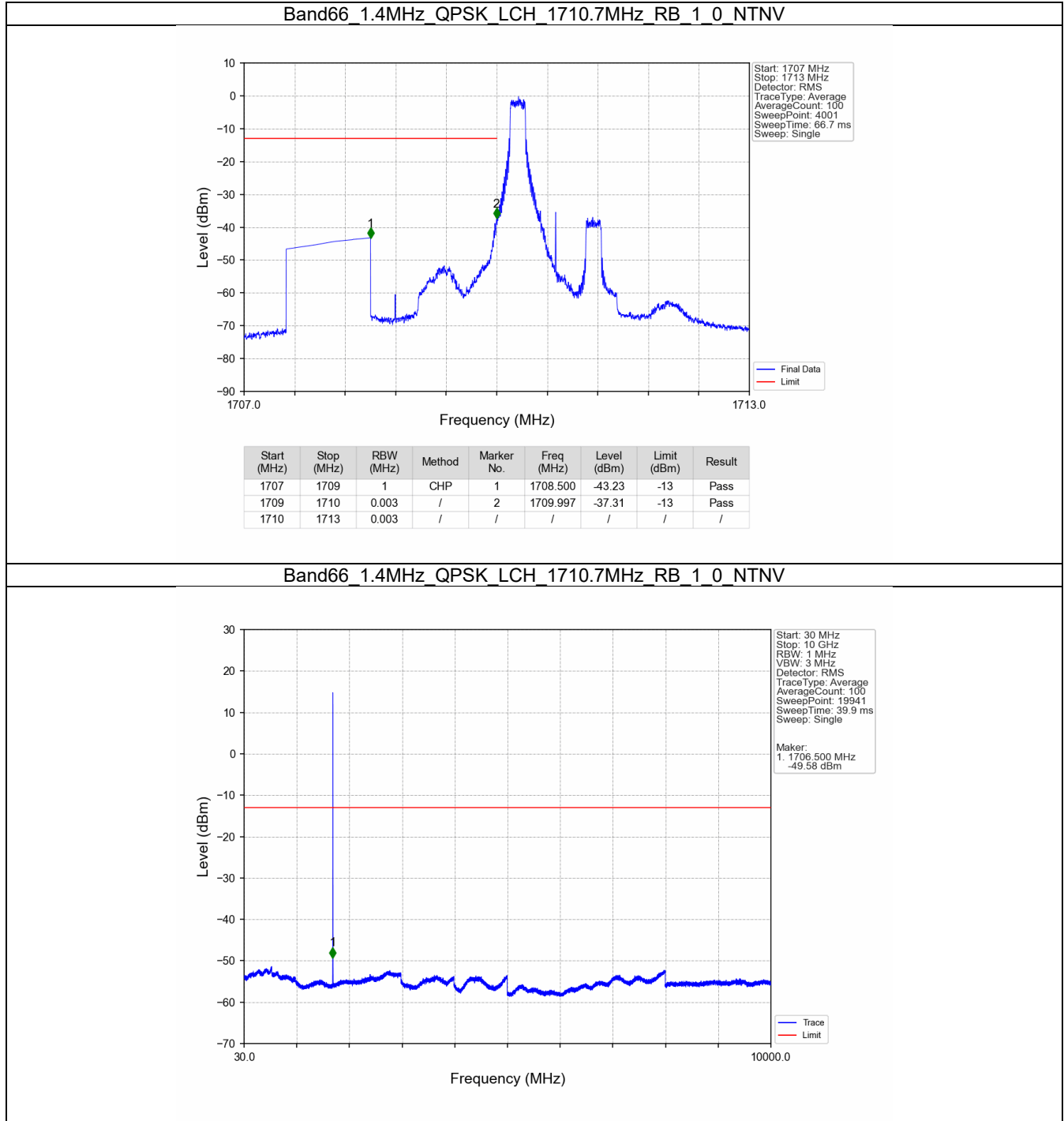
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

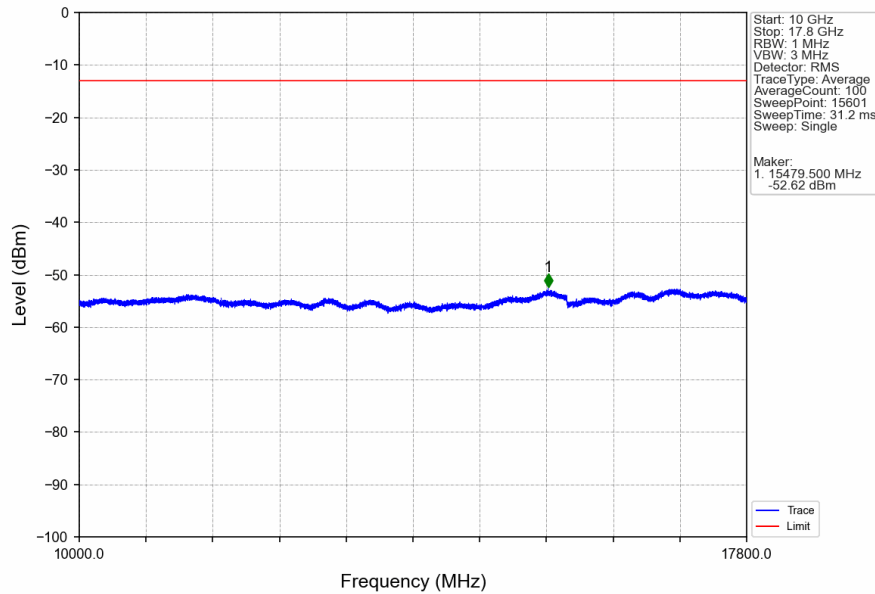
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
		1770	1	0	Refer To Test Graph	
	99			Refer To Test Graph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

5.2 Test Graph

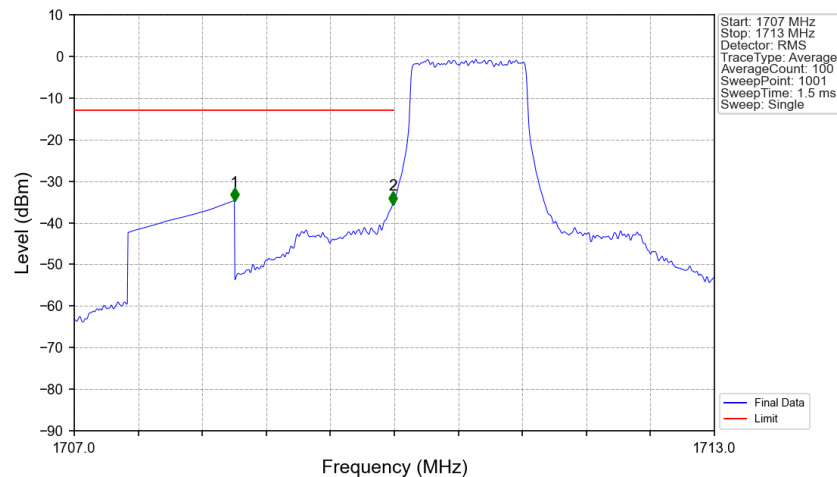
5.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTNV

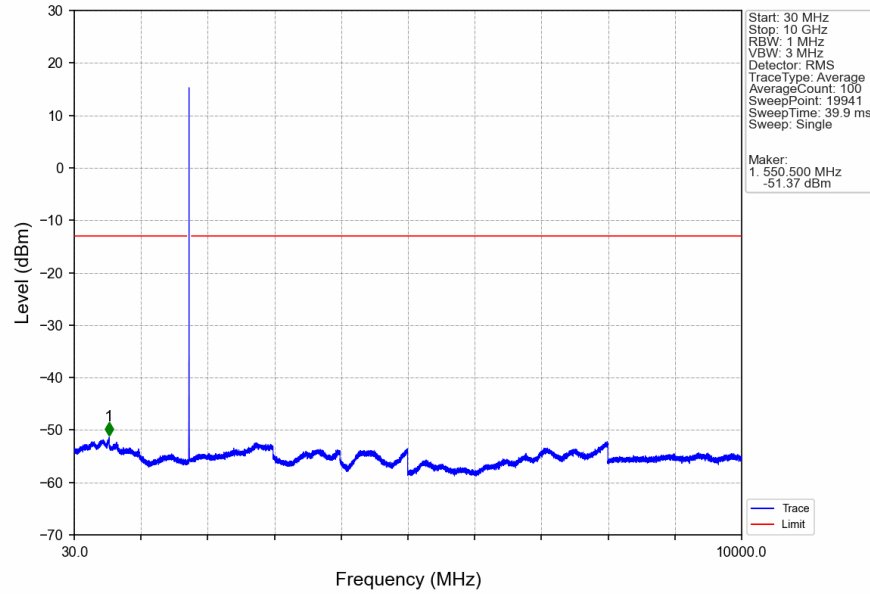


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTNV

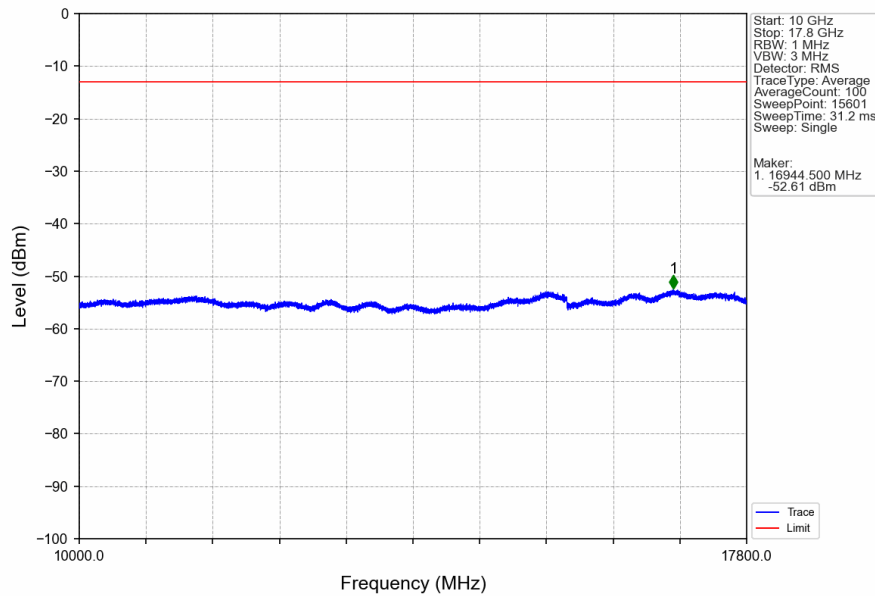


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-34.67	-13	Pass
1709	1710	0.02	/	2	1709.988	-35.58	-13	Pass
1710	1713	0.02	/	/	/	/	/	/

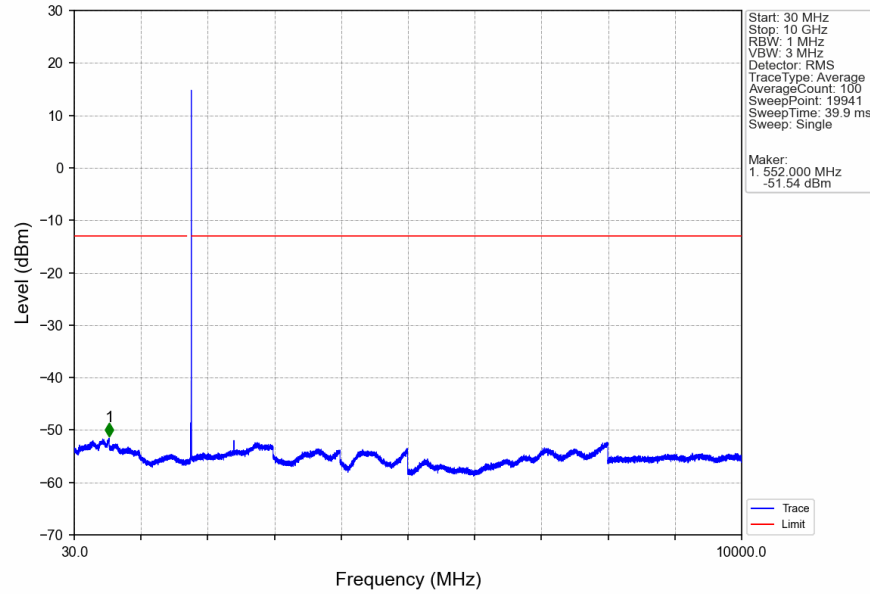
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



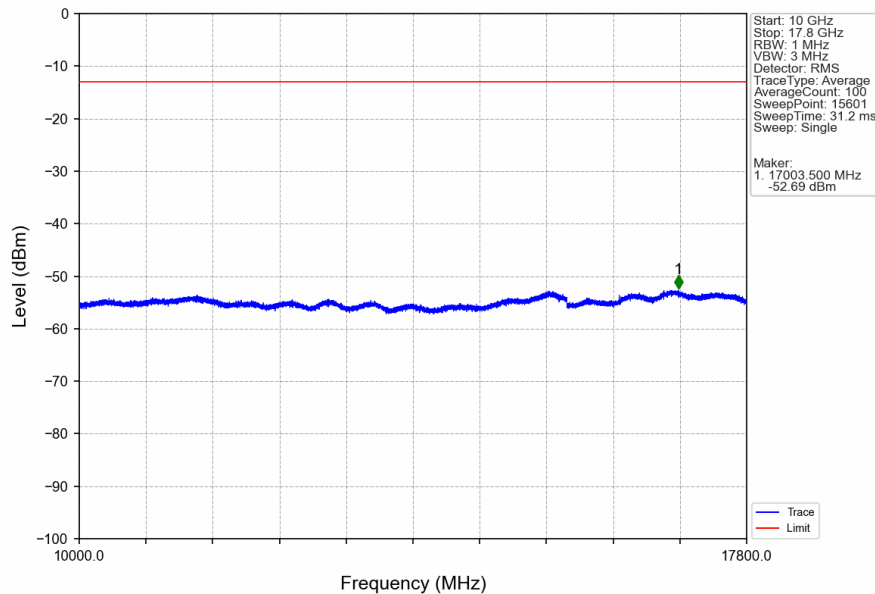
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



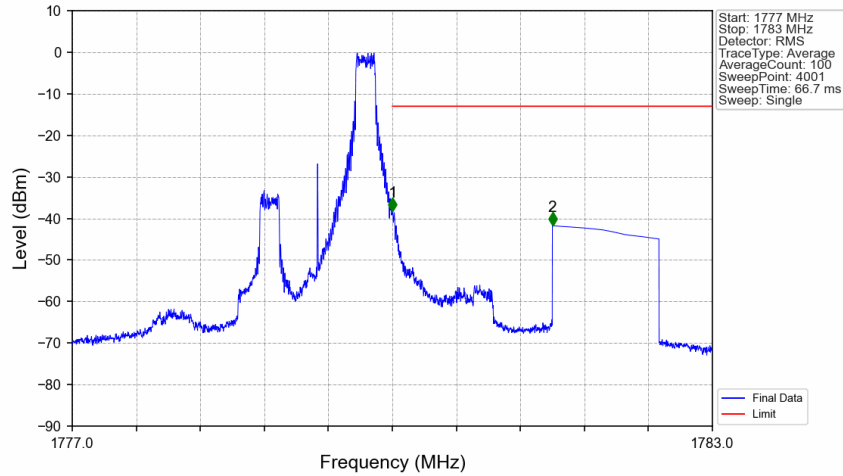
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV

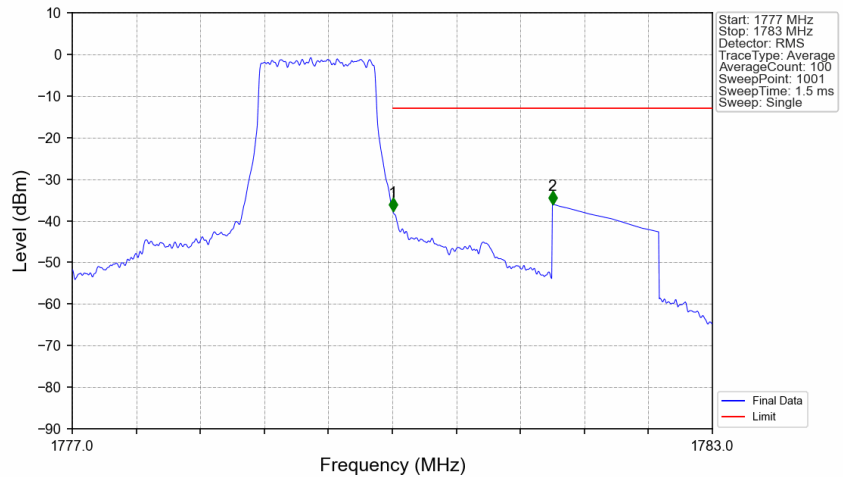


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTN



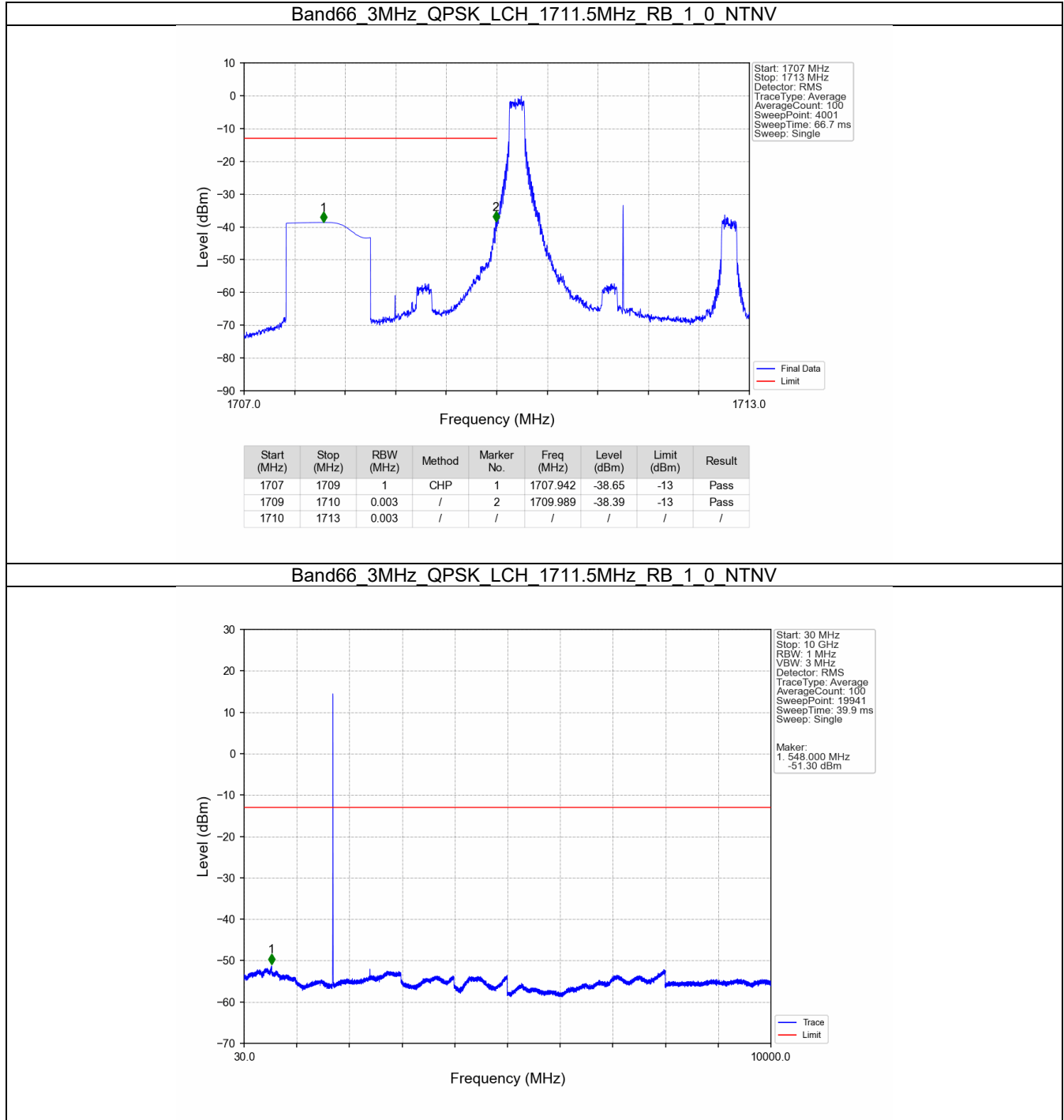
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-38.26	-13	Pass
1781	1783	1	CHP	2	1781.500	-41.75	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN

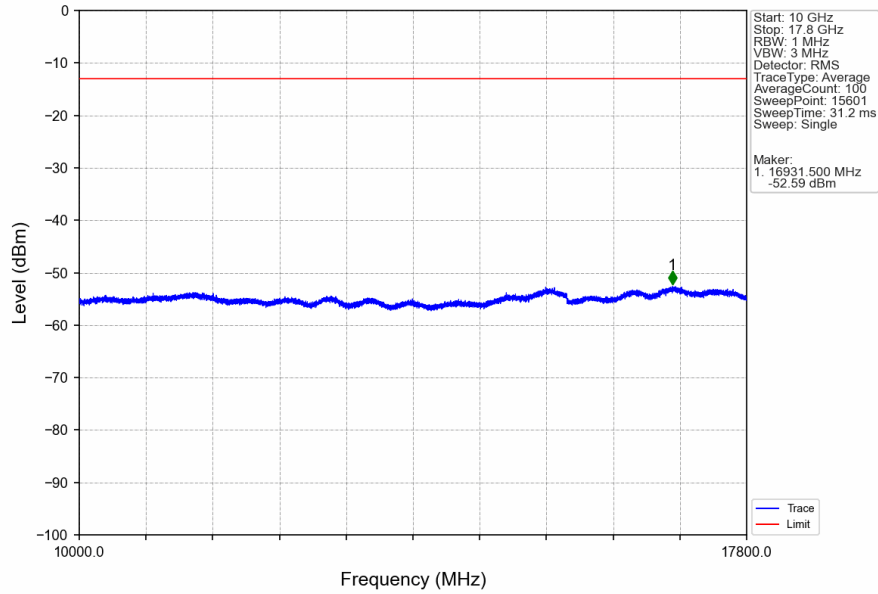


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.02	/	/	/	/	/	/
1780	1781	0.02	/	1	1780.006	-37.69	-13	Pass
1781	1783	1	CHP	2	1781.500	-35.96	-13	Pass

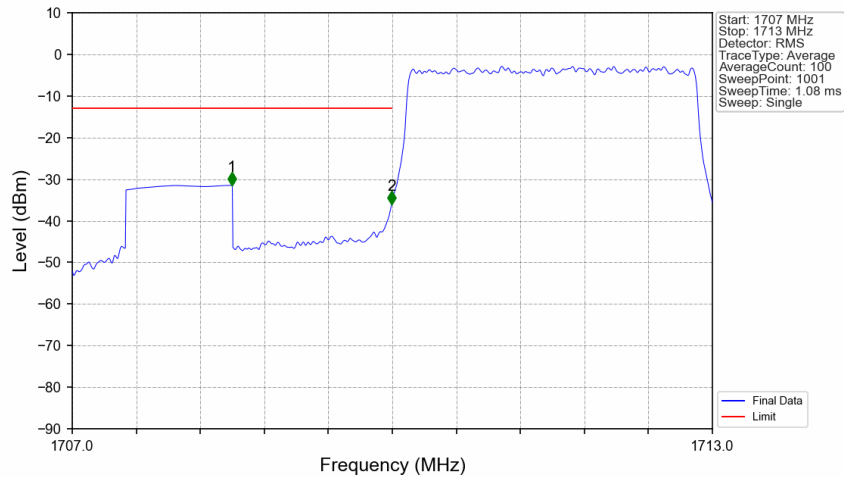
5.2.2 B66_3MHz



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

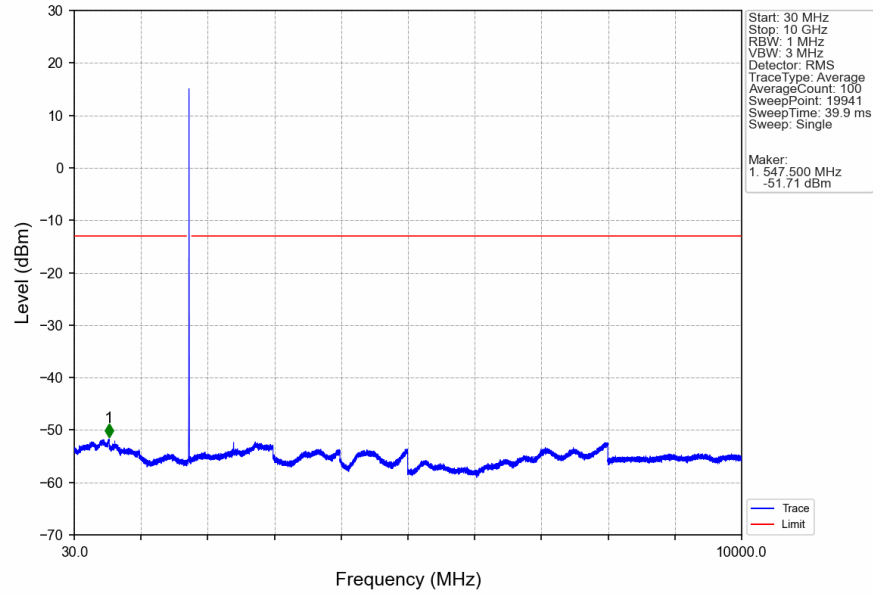


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

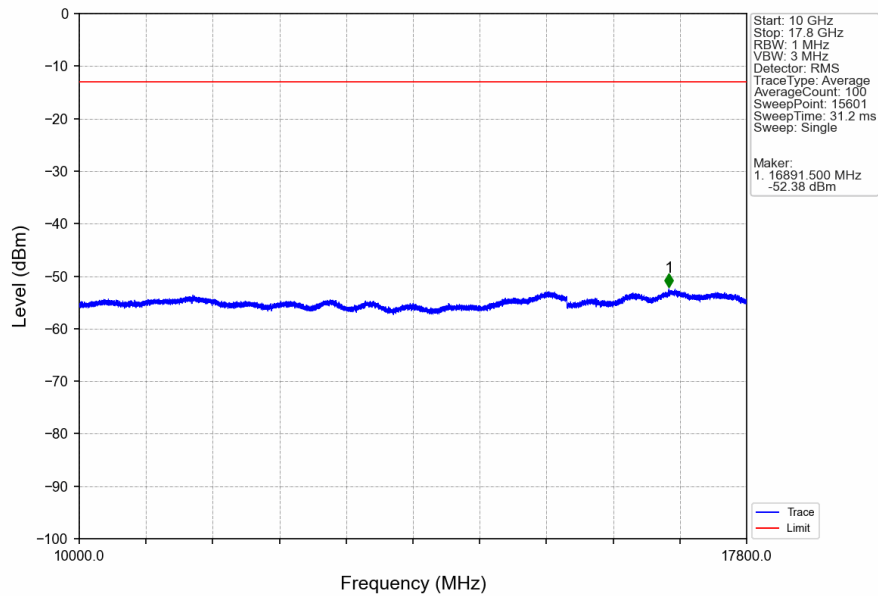


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.494	-31.49	-13	Pass
1709	1710	0.03	/	2	1709.994	-35.99	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

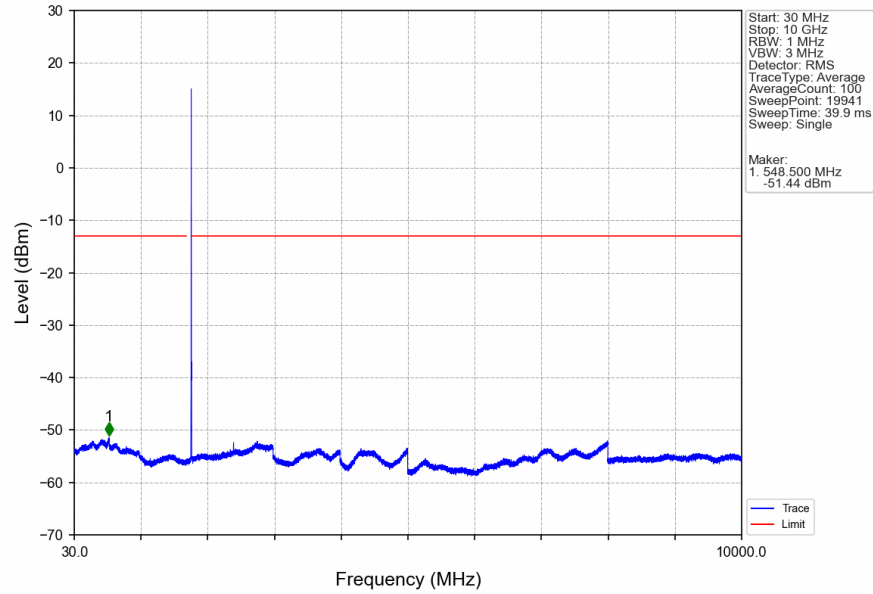
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



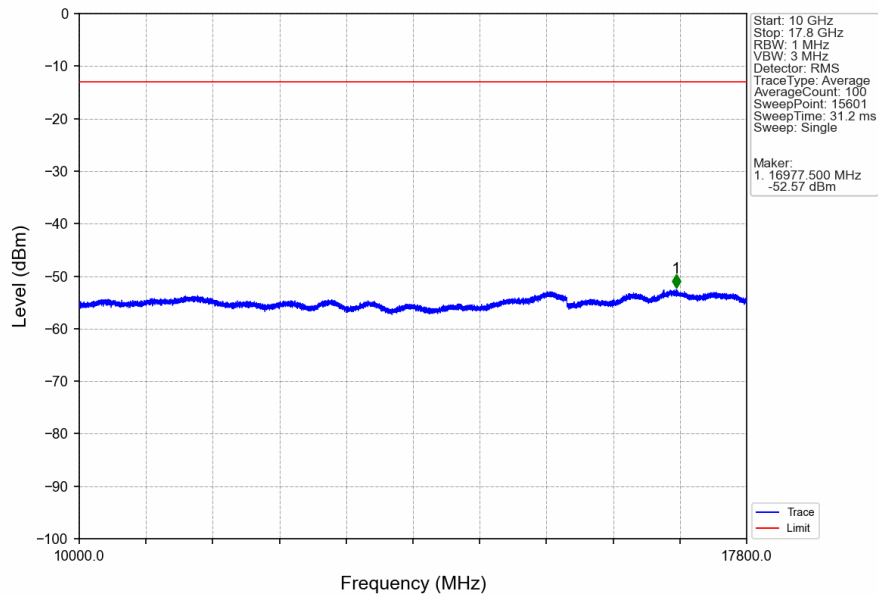
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



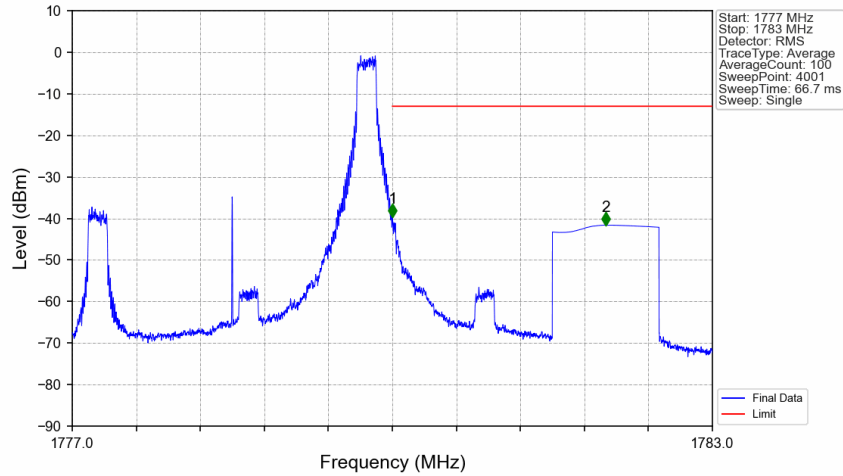
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

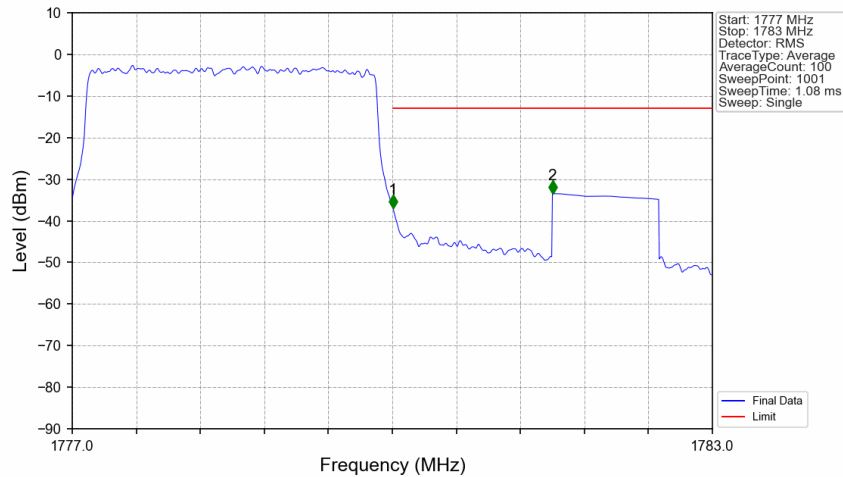


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



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	-39.66	-13	Pass
1781	1783	1	CHP	2	1782.001	-41.61	-13	Pass

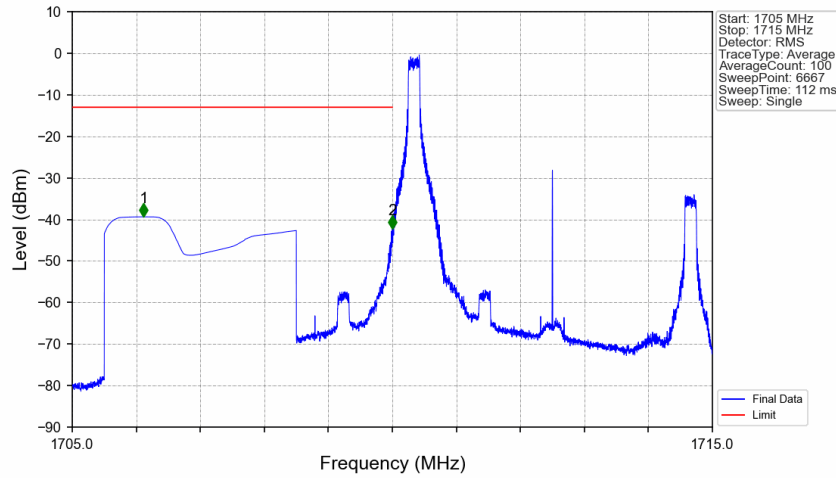
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



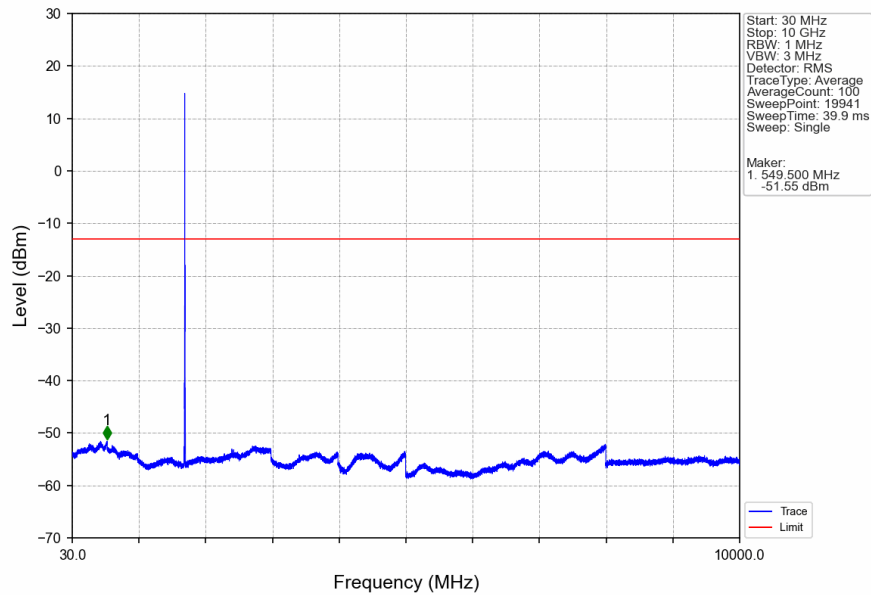
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.006	-36.91	-13	Pass
1781	1783	1	CHP	2	1781.500	-33.42	-13	Pass

5.2.3 B66_5MHz

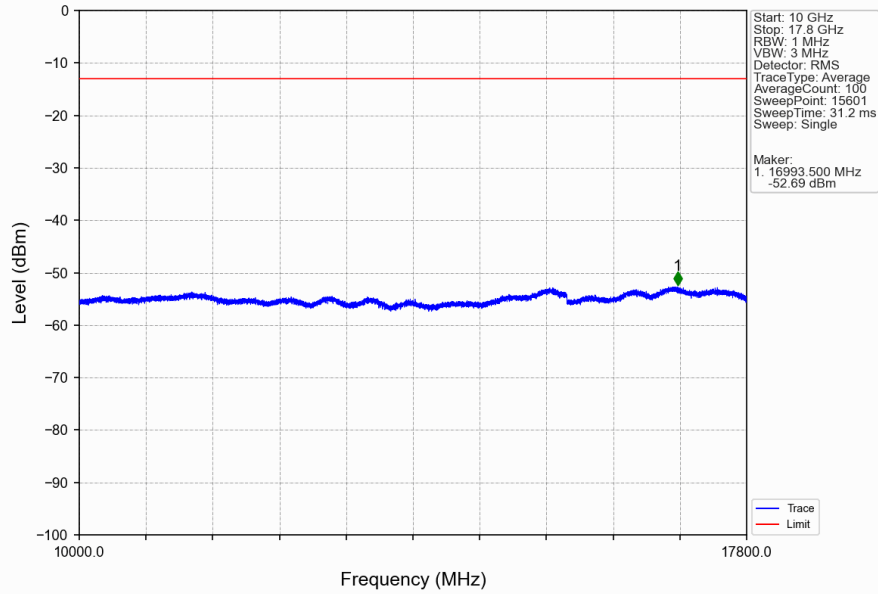
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



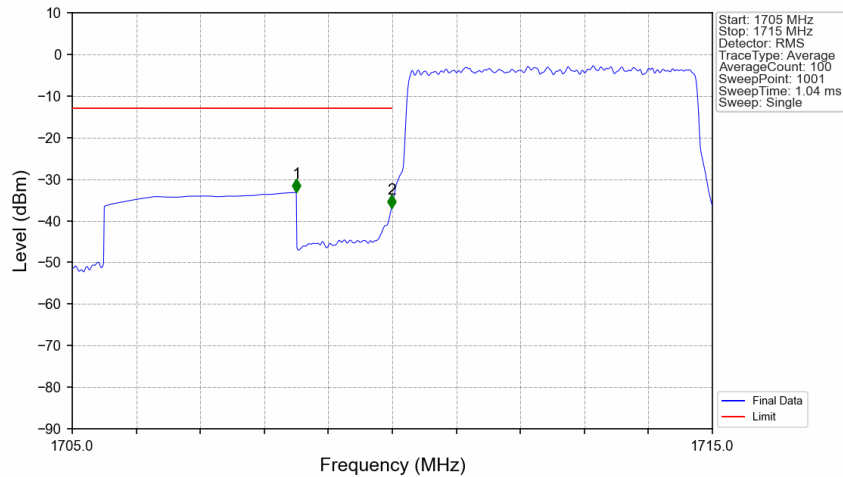
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

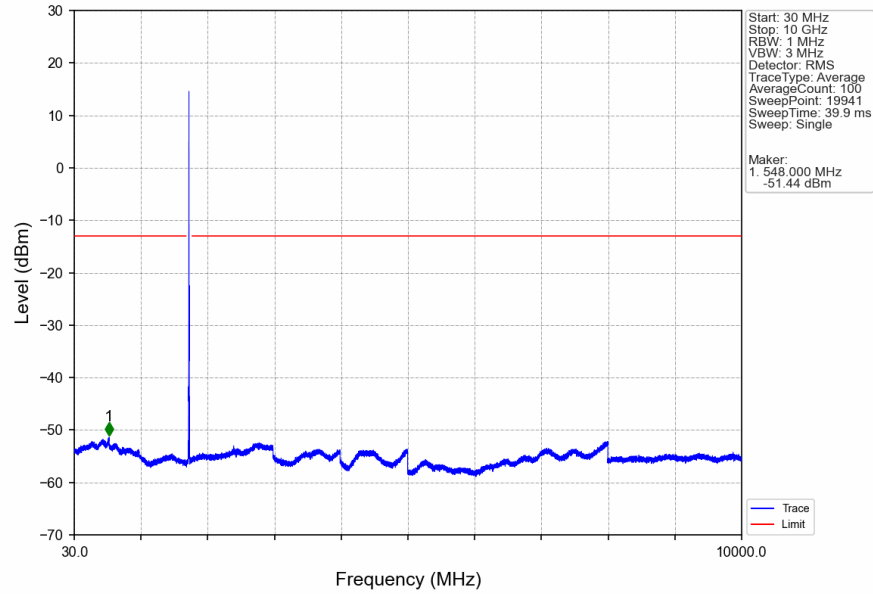


Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

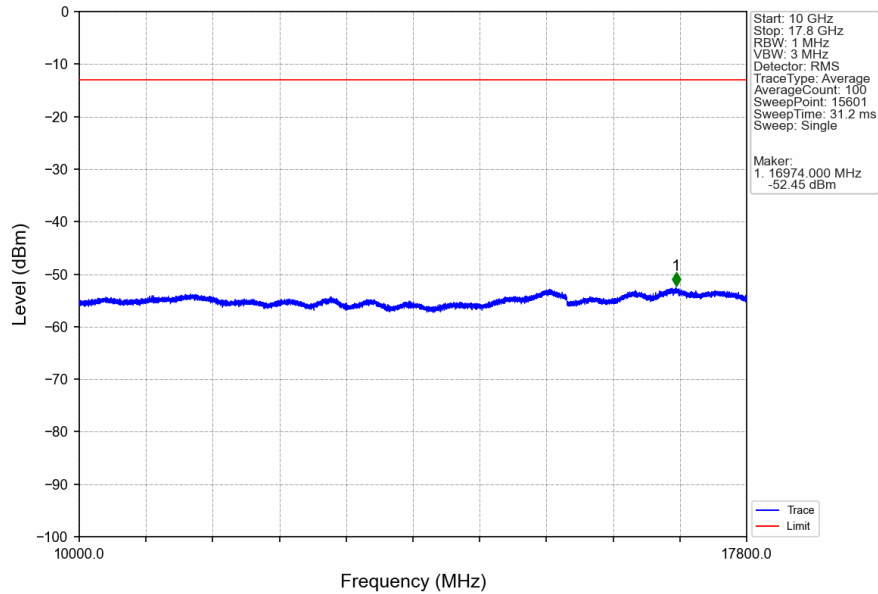


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-33.19	-13	Pass
1709	1710	0.05	/	2	1709.990	-36.94	-13	Pass
1710	1715	0.05	/	/	/	/	/	/

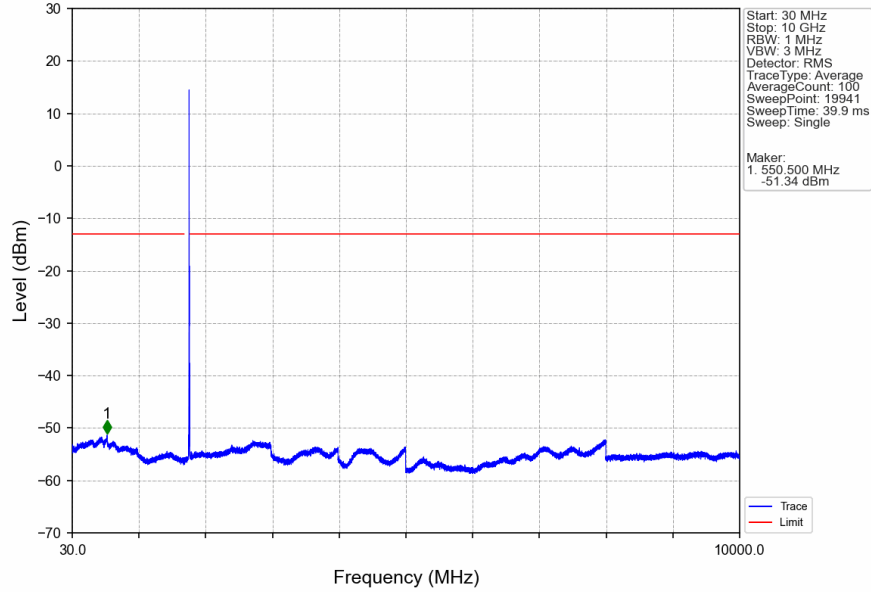
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



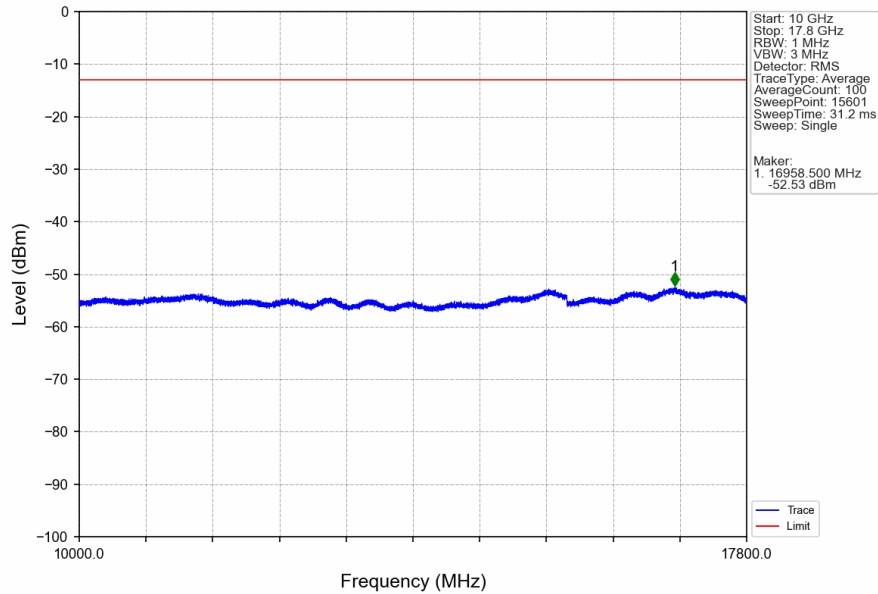
Band66_5MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



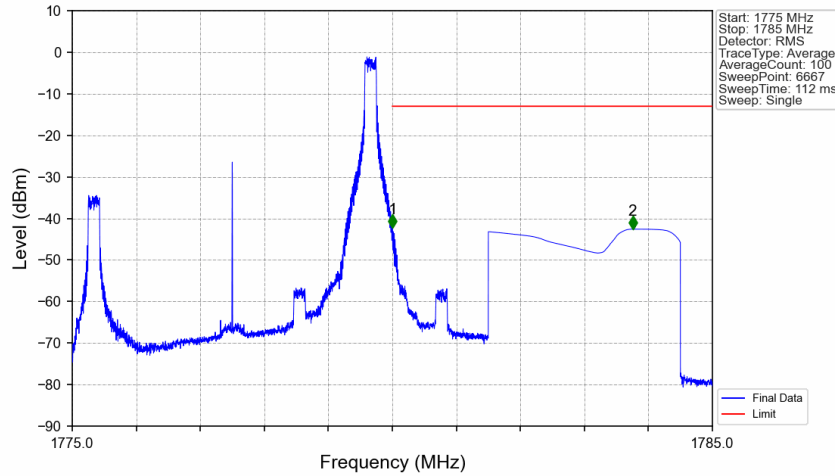
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV

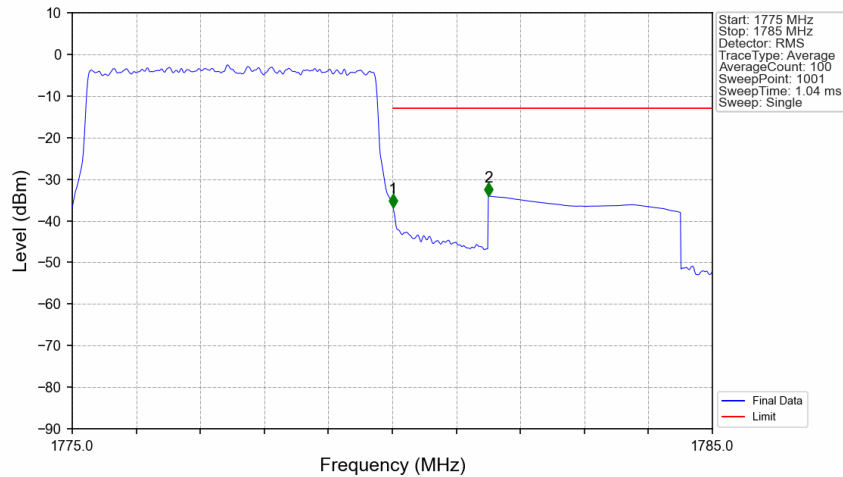


Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_24_NTNV



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	1780.002	-42.17	-13	Pass
1781	1785	1	CHP	2	1783.755	-42.57	-13	Pass

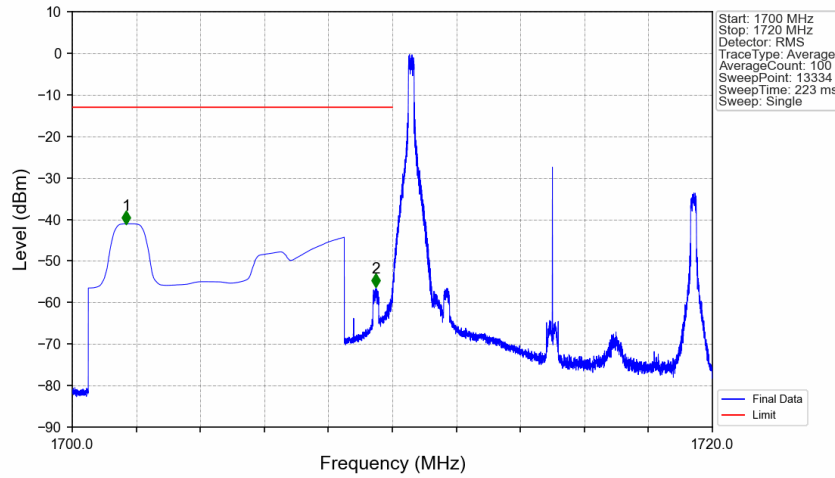
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



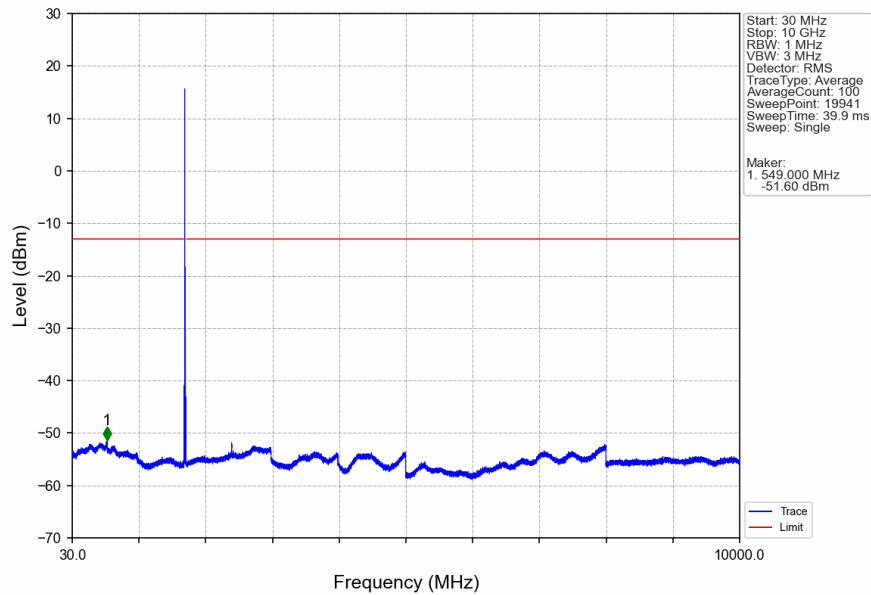
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.05	/	/	/	/	/	/
1780	1781	0.05	/	1	1780.010	-36.74	-13	Pass
1781	1785	1	CHP	2	1781.500	-34.04	-13	Pass

5.2.4 B66_10MHz

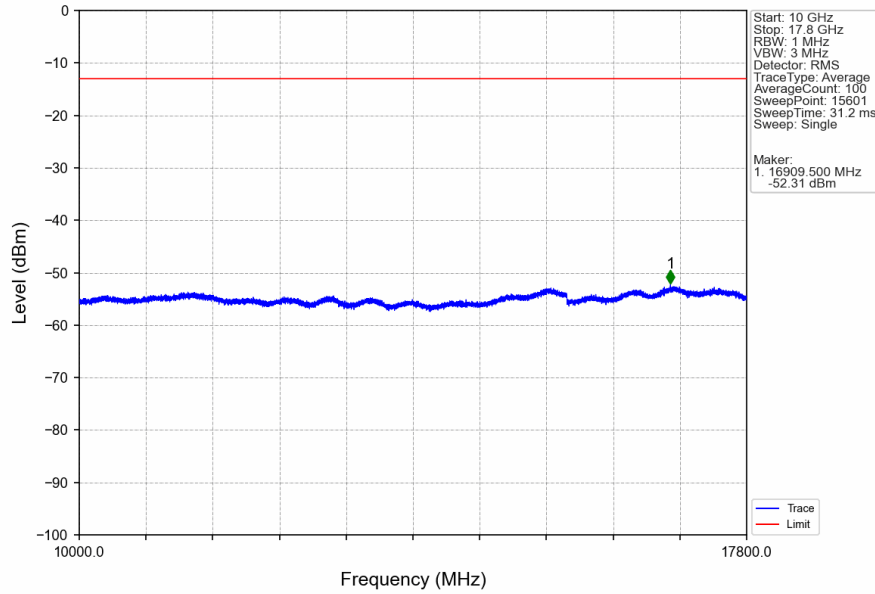
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



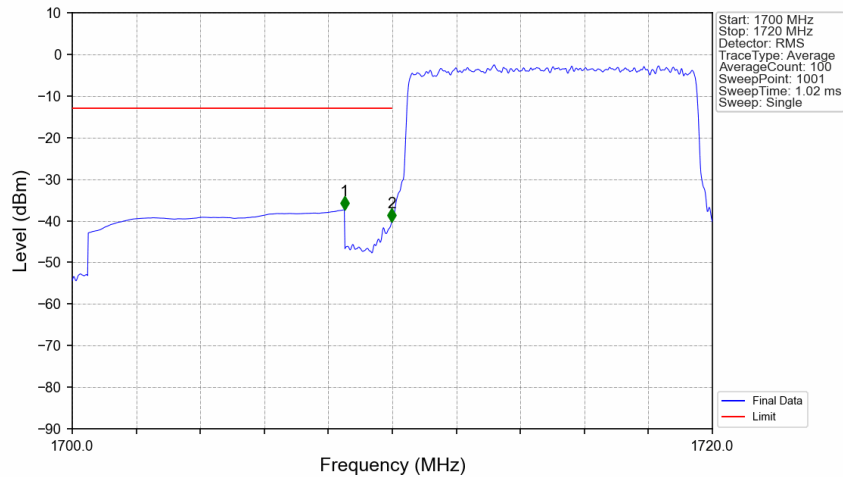
Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band66_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

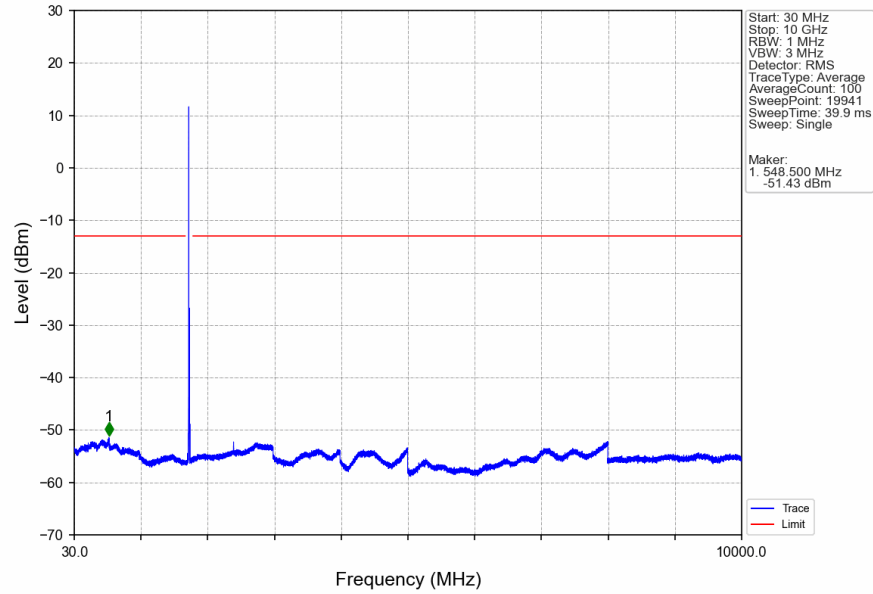


Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

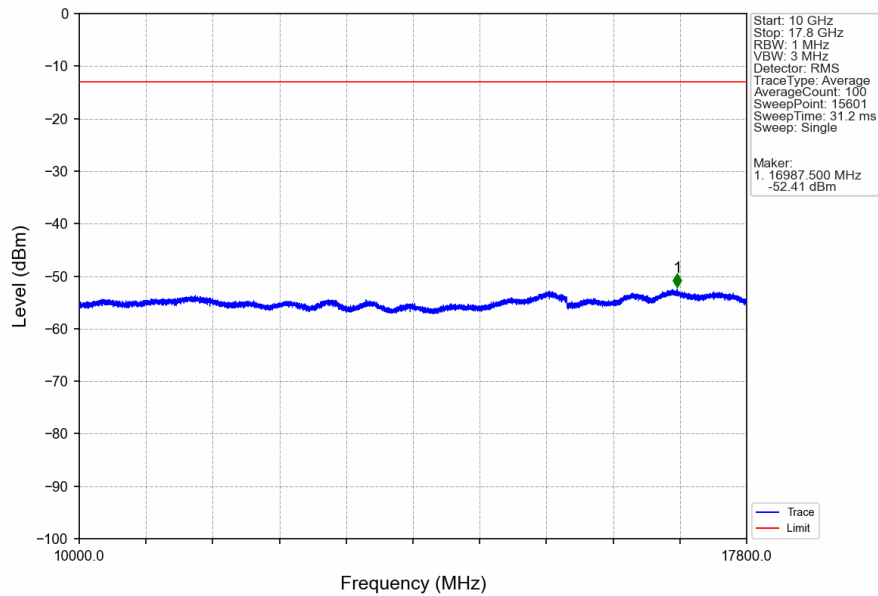


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-37.34	-13	Pass
1709	1710	0.1	/	2	1709.980	-40.28	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

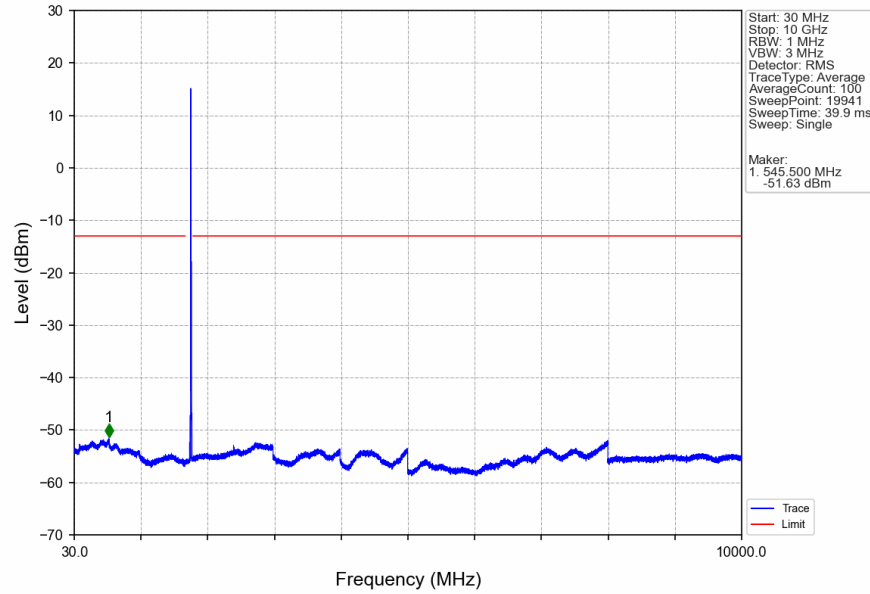
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



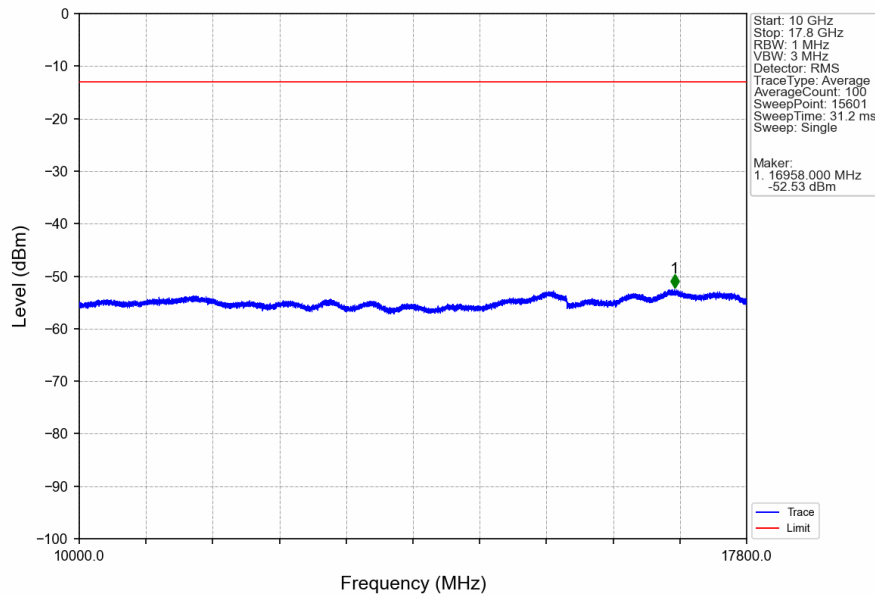
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



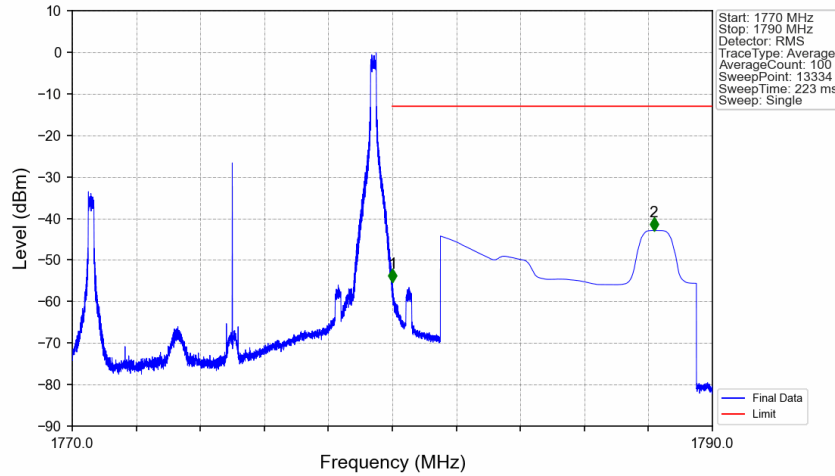
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV



Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV

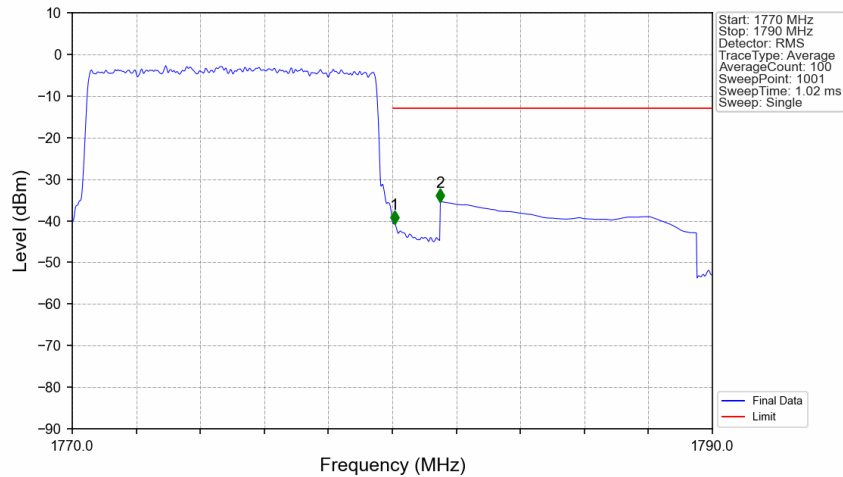


Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



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	1780.004	-55.30	-13	Pass
1781	1790	1	CHP	2	1788.170	-42.90	-13	Pass

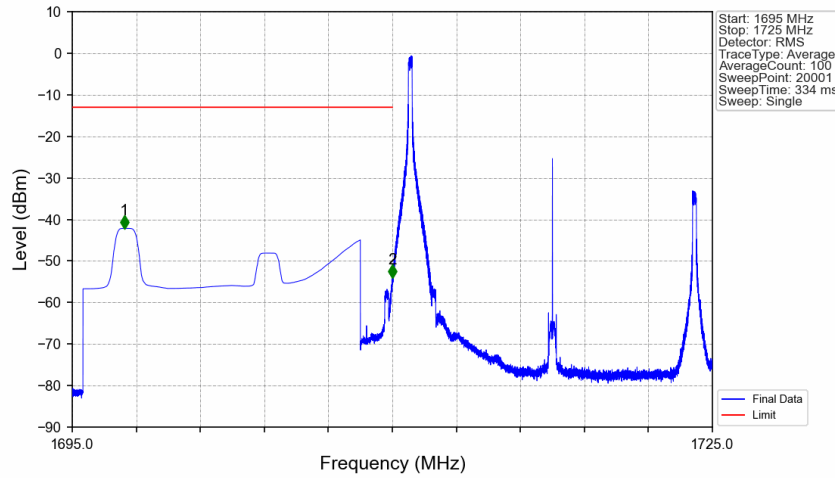
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



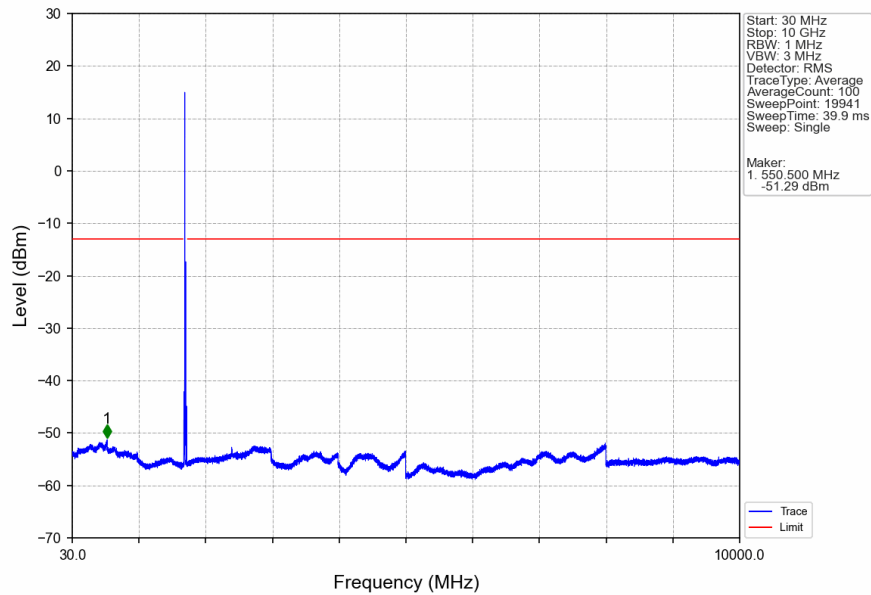
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	/	/	/	/	/
1780	1781	0.1	/	1	1780.060	-40.67	-13	Pass
1781	1790	1	CHP	2	1781.500	-35.39	-13	Pass

5.2.5 B66_15MHz

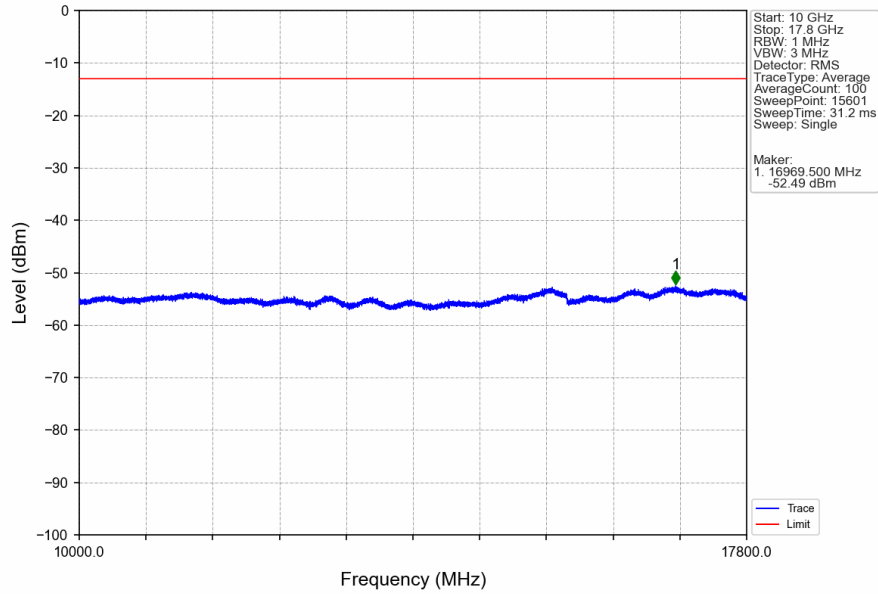
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



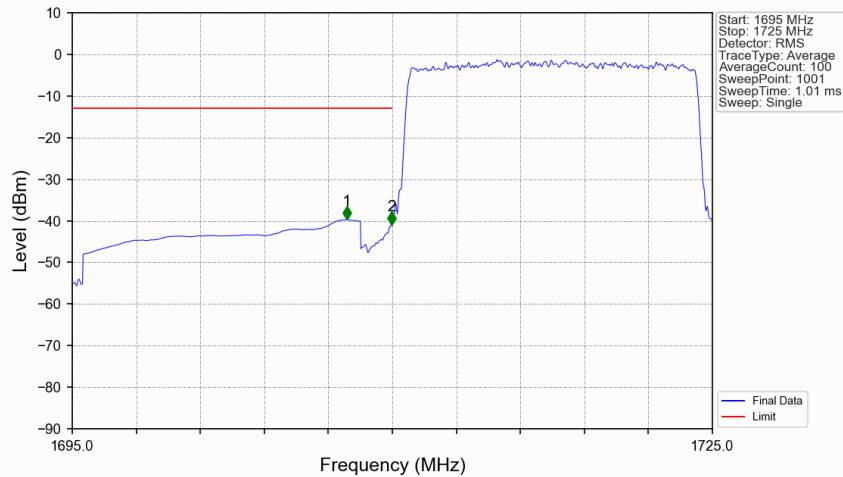
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

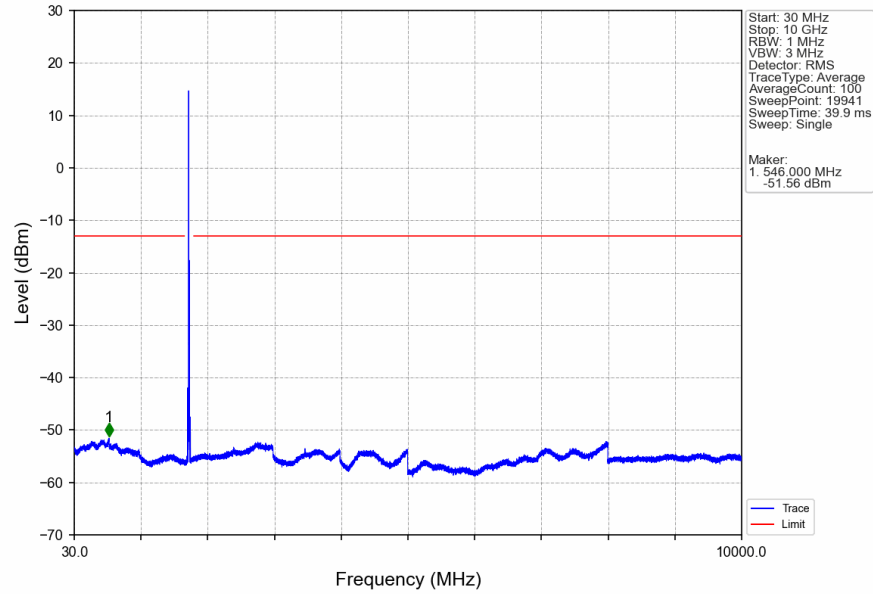


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

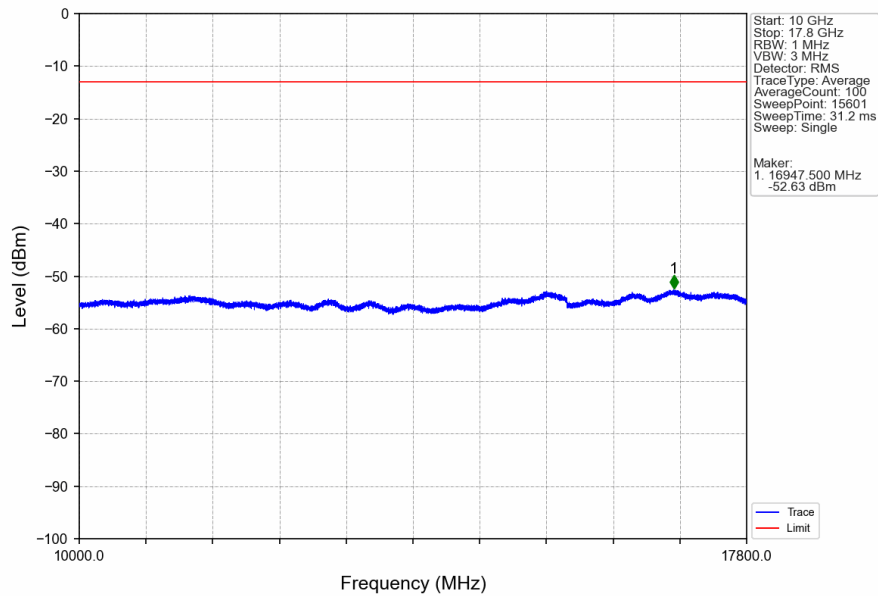


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.870	-39.73	-13	Pass
1709	1710	0.2	/	2	1709.970	-41.02	-13	Pass
1710	1725	0.2	/	/	/	/	/	/

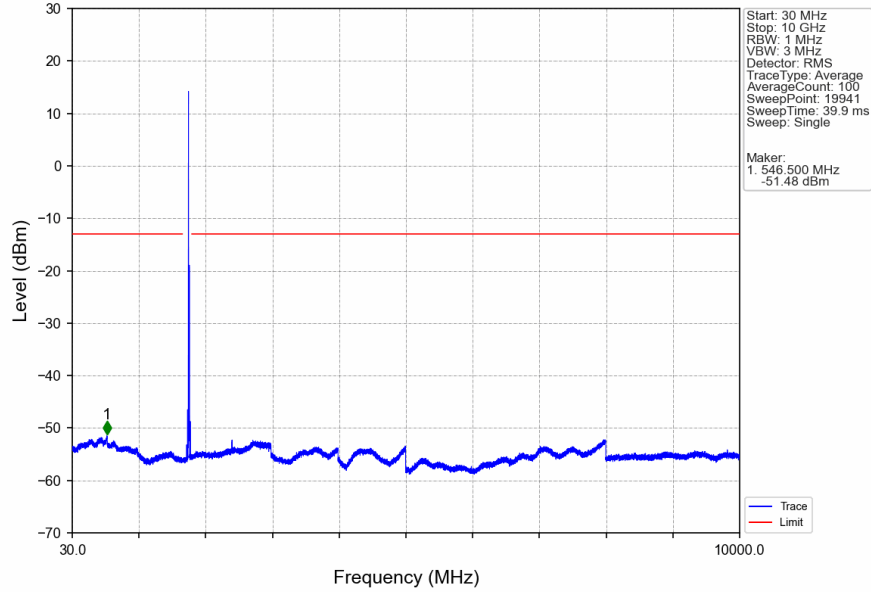
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



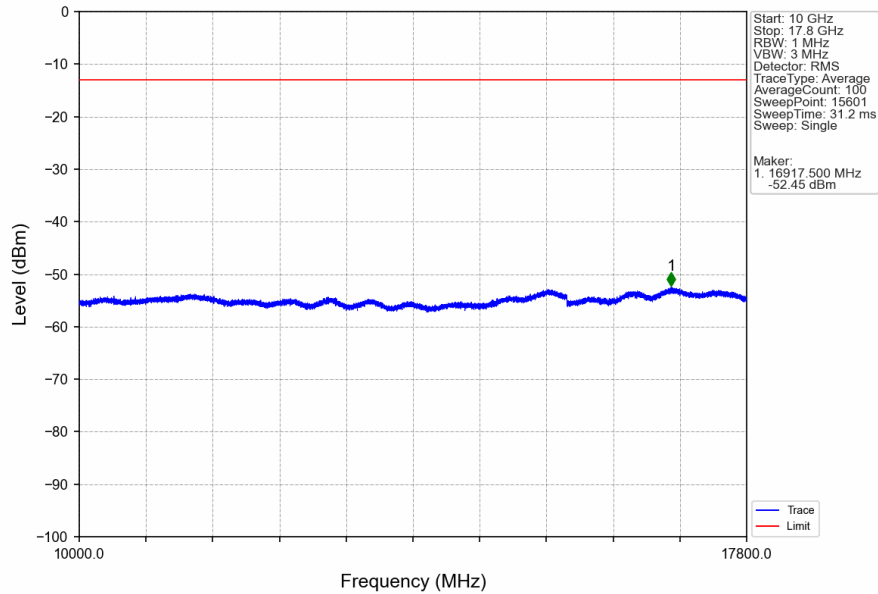
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



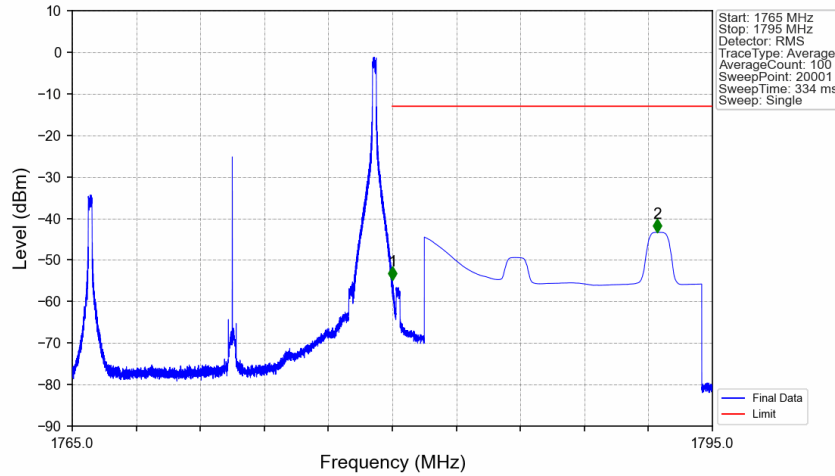
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

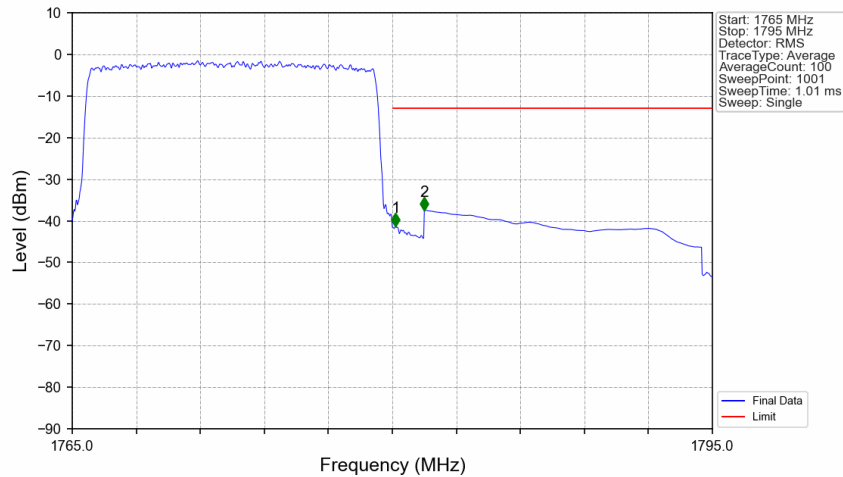


Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_74_NTNV



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	1780.006	-54.75	-13	Pass
1781	1795	1	CHP	2	1792.428	-43.35	-13	Pass

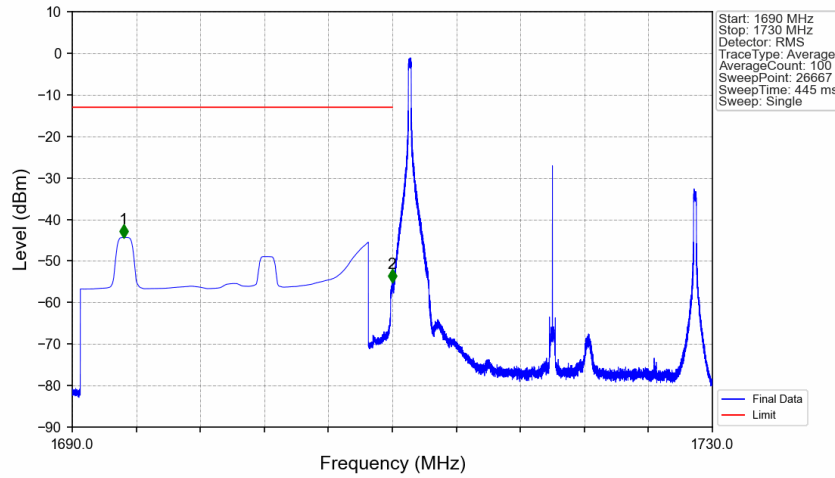
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



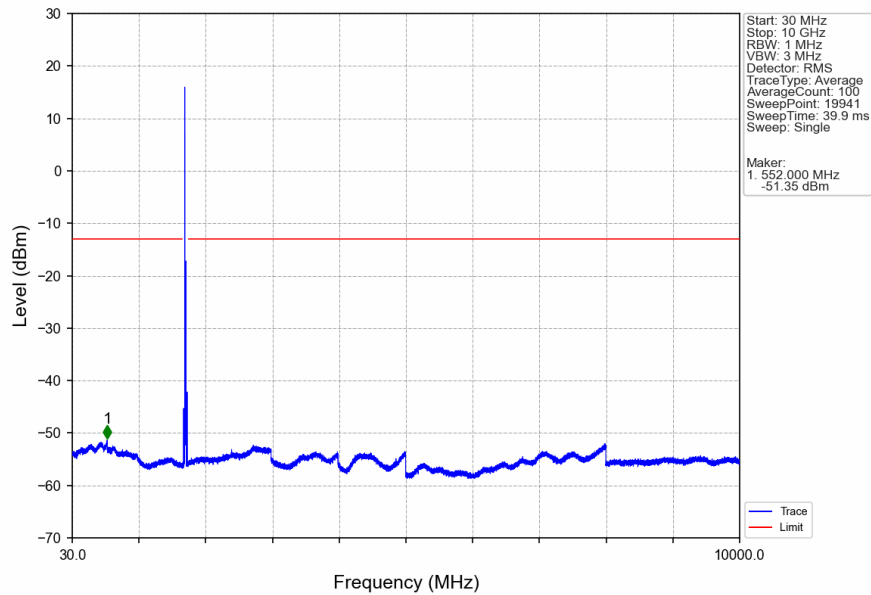
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.2	/	/	/	/	/	/
1780	1781	0.2	/	1	1780.150	-41.35	-13	Pass
1781	1795	1	CHP	2	1781.500	-37.49	-13	Pass

5.2.6 B66_20MHz

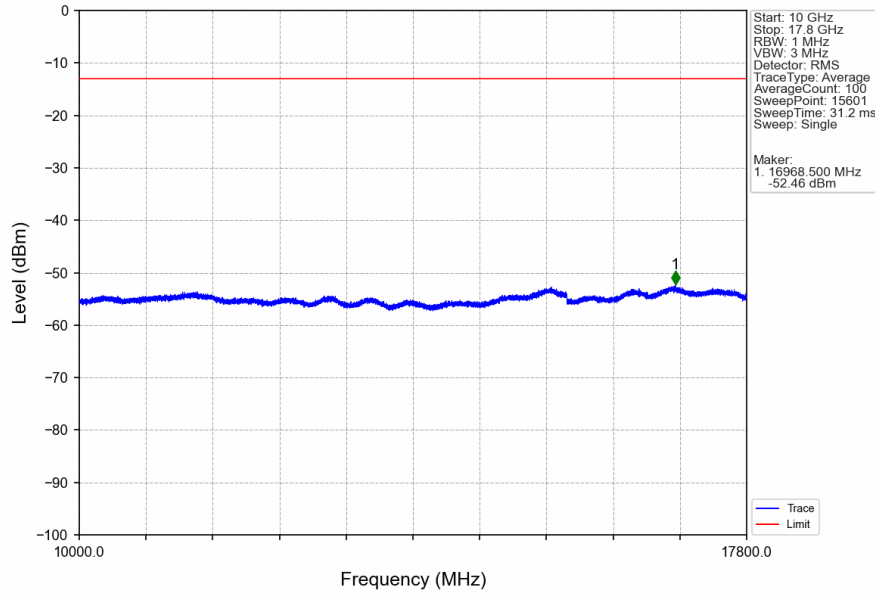
Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



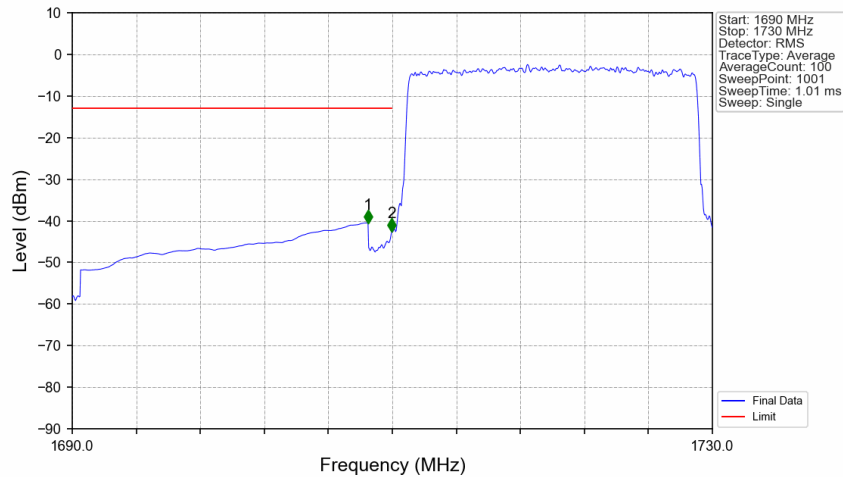
Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

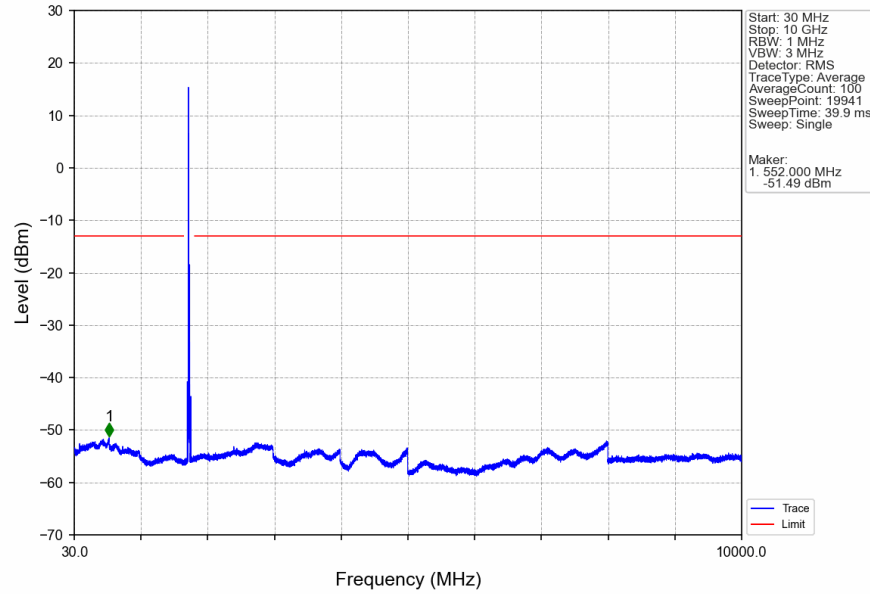


Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

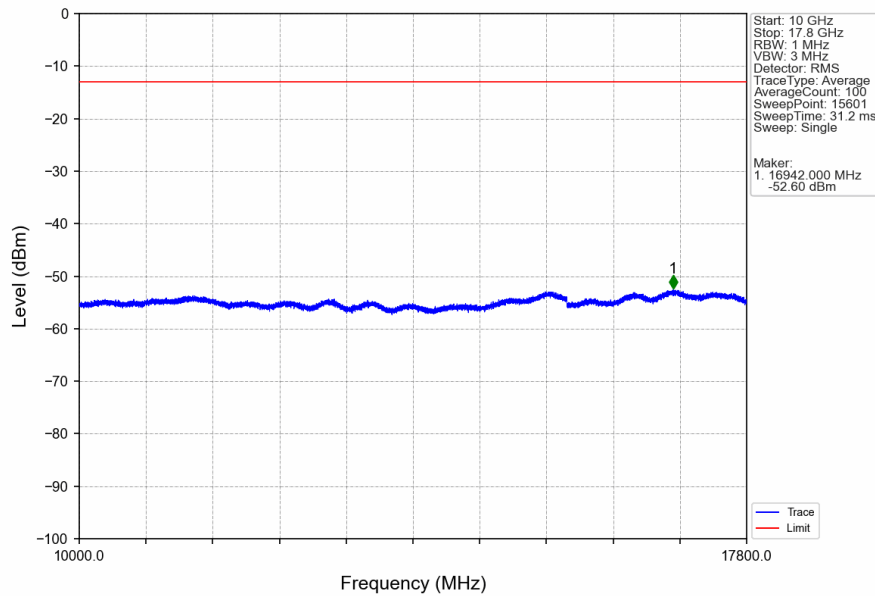


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-40.50	-13	Pass
1709	1710	0.2	/	2	1709.960	-42.67	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

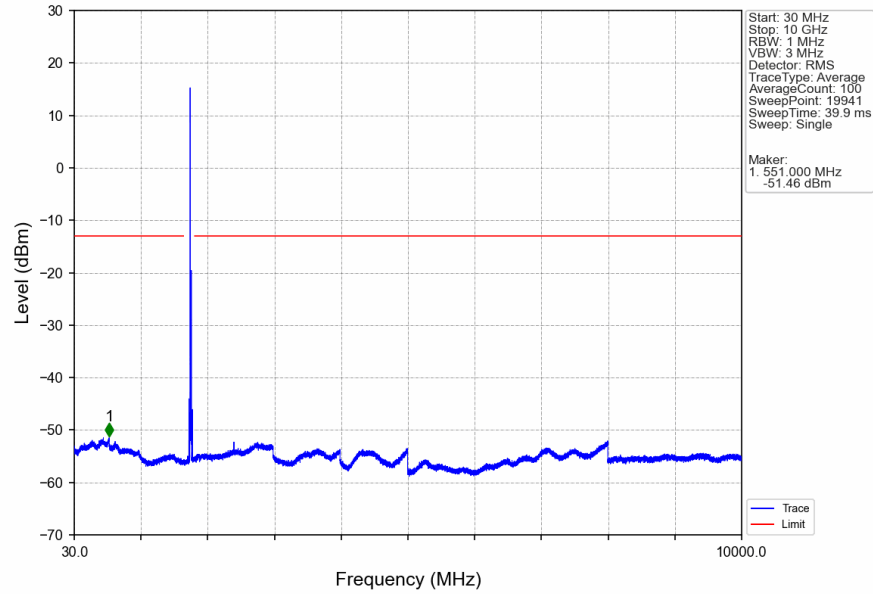
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



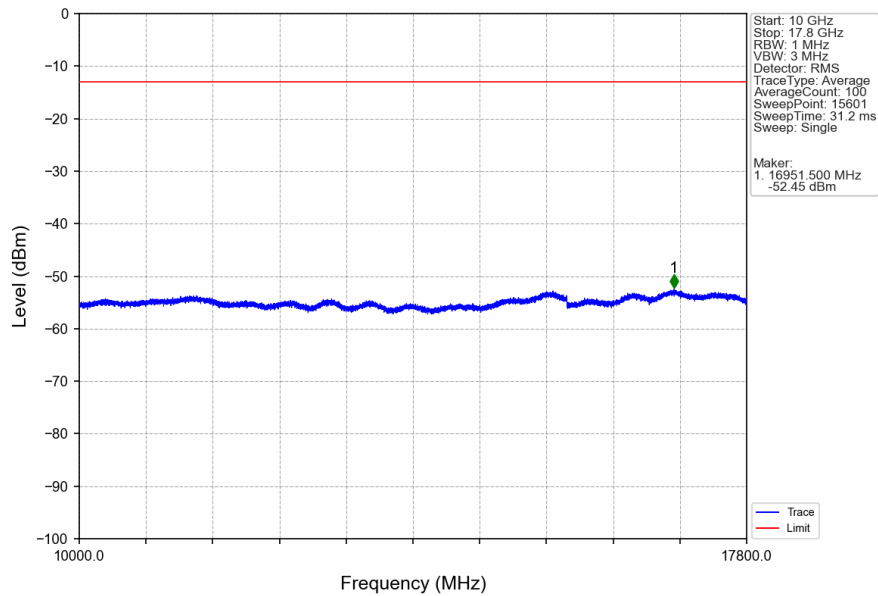
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



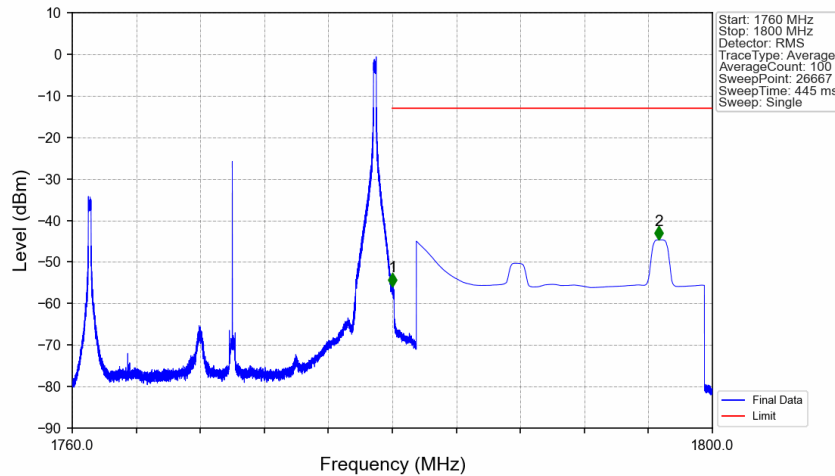
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV

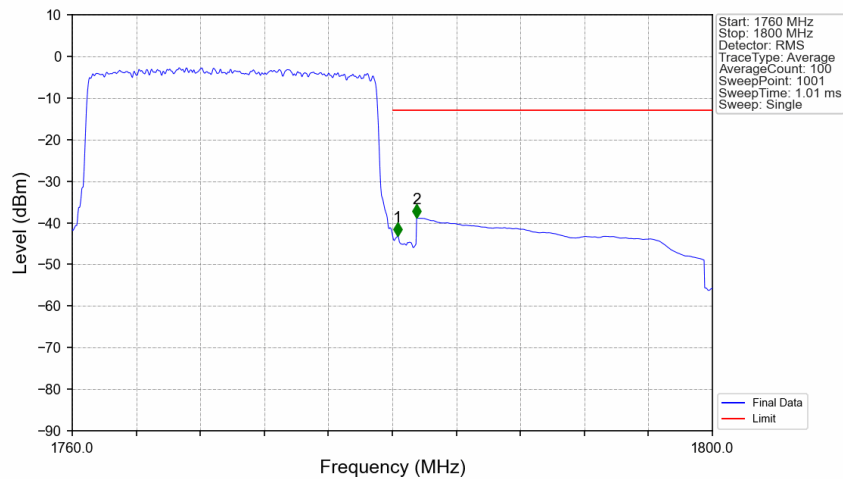


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



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	1780.005	-55.79	-13	Pass
1781	1800	1	CHP	2	1796.647	-44.67	-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	0.2	/	/	/	/	/	/
1780	1781	0.2	/	1	1780.320	-43.18	-13	Pass
1781	1800	1	CHP	2	1781.520	-38.78	-13	Pass

- End of the Appendix -