

Appendix B.7

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / 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	23.26	0.50	23.76	<=30	Pass
			2	23.29	0.50	23.79	<=30	Pass
			5	23.23	0.50	23.73	<=30	Pass
		3	0	23.29	0.50	23.79	<=30	Pass
			2	23.35	0.50	23.85	<=30	Pass
			3	23.22	0.50	23.72	<=30	Pass
		6	0	23.22	0.50	23.72	<=30	Pass
	1732.5	1	0	23.34	0.50	23.84	<=30	Pass
			2	23.56	0.50	24.06	<=30	Pass
			5	23.33	0.50	23.83	<=30	Pass
		3	0	23.30	0.50	23.80	<=30	Pass
			2	23.25	0.50	23.75	<=30	Pass
			3	23.26	0.50	23.76	<=30	Pass
		6	0	23.31	0.50	23.81	<=30	Pass
	1754.3	1	0	23.44	0.50	23.94	<=30	Pass
			2	23.30	0.50	23.80	<=30	Pass
			5	23.36	0.50	23.86	<=30	Pass
		3	0	23.42	0.50	23.92	<=30	Pass
			2	23.43	0.50	23.93	<=30	Pass
			3	23.38	0.50	23.88	<=30	Pass
		6	0	23.33	0.50	23.83	<=30	Pass
16QAM	1710.7	1	0	23.19	0.50	23.69	<=30	Pass
			2	23.11	0.50	23.61	<=30	Pass
			5	23.24	0.50	23.74	<=30	Pass
		3	0	23.18	0.50	23.68	<=30	Pass
			2	23.32	0.50	23.82	<=30	Pass
			3	23.31	0.50	23.81	<=30	Pass
		6	0	22.24	0.50	22.74	<=30	Pass
	1732.5	1	0	22.96	0.50	23.46	<=30	Pass
			2	22.98	0.50	23.48	<=30	Pass
			5	23.01	0.50	23.51	<=30	Pass
		3	0	23.16	0.50	23.66	<=30	Pass
			2	23.22	0.50	23.72	<=30	Pass
			3	23.10	0.50	23.60	<=30	Pass
		6	0	22.04	0.50	22.54	<=30	Pass
	1754.3	1	0	23.30	0.50	23.80	<=30	Pass
			2	23.18	0.50	23.68	<=30	Pass
			5	23.26	0.50	23.76	<=30	Pass
		3	0	23.31	0.50	23.81	<=30	Pass
			2	23.49	0.50	23.99	<=30	Pass
			3	23.22	0.50	23.72	<=30	Pass
		6	0	22.08	0.50	22.58	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.2 B4_3MHz_EIRP

Band: 4 / 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	23.29	0.50	23.79	<=30	Pass
			7	23.32	0.50	23.82	<=30	Pass
			14	23.21	0.50	23.71	<=30	Pass
		8	0	23.28	0.50	23.78	<=30	Pass
			4	23.37	0.50	23.87	<=30	Pass
			7	23.32	0.50	23.82	<=30	Pass
		15	0	23.20	0.50	23.70	<=30	Pass
	1732.5	1	0	23.43	0.50	23.93	<=30	Pass
			7	23.46	0.50	23.96	<=30	Pass
			14	23.29	0.50	23.79	<=30	Pass
		8	0	23.42	0.50	23.92	<=30	Pass
			4	23.43	0.50	23.93	<=30	Pass
			7	23.38	0.50	23.88	<=30	Pass
		15	0	23.27	0.50	23.77	<=30	Pass
	1753.5	1	0	23.37	0.50	23.87	<=30	Pass
			7	23.49	0.50	23.99	<=30	Pass
			14	23.47	0.50	23.97	<=30	Pass
		8	0	23.34	0.50	23.84	<=30	Pass
			4	23.37	0.50	23.87	<=30	Pass
			7	23.37	0.50	23.87	<=30	Pass
		15	0	23.32	0.50	23.82	<=30	Pass
16QAM	1711.5	1	0	23.14	0.50	23.64	<=30	Pass
			7	23.10	0.50	23.60	<=30	Pass
			14	22.83	0.50	23.33	<=30	Pass
		8	0	21.94	0.50	22.44	<=30	Pass
			4	22.07	0.50	22.57	<=30	Pass
			7	22.01	0.50	22.51	<=30	Pass
		15	0	22.15	0.50	22.65	<=30	Pass
	1732.5	1	0	22.89	0.50	23.39	<=30	Pass
			7	22.90	0.50	23.40	<=30	Pass
			14	22.43	0.50	22.93	<=30	Pass
		8	0	22.05	0.50	22.55	<=30	Pass
			4	22.13	0.50	22.63	<=30	Pass
			7	22.11	0.50	22.61	<=30	Pass
		15	0	22.31	0.50	22.81	<=30	Pass
	1753.5	1	0	22.93	0.50	23.43	<=30	Pass
			7	22.95	0.50	23.45	<=30	Pass
			14	22.85	0.50	23.35	<=30	Pass
		8	0	22.06	0.50	22.56	<=30	Pass
			4	22.15	0.50	22.65	<=30	Pass
			7	22.20	0.50	22.70	<=30	Pass
		15	0	22.25	0.50	22.75	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.40	0.50	23.90	<=30	Pass
			13	23.35	0.50	23.85	<=30	Pass

	1732.5	12	24	23.27	0.50	23.77	<=30	Pass
			0	23.18	0.50	23.68	<=30	Pass
			6	23.27	0.50	23.77	<=30	Pass
			13	23.23	0.50	23.73	<=30	Pass
		25	0	23.21	0.50	23.71	<=30	Pass
		1	0	23.33	0.50	23.83	<=30	Pass
			13	23.48	0.50	23.98	<=30	Pass
			24	23.28	0.50	23.78	<=30	Pass
			0	23.28	0.50	23.78	<=30	Pass
			6	23.32	0.50	23.82	<=30	Pass
			13	23.30	0.50	23.80	<=30	Pass
		25	0	23.34	0.50	23.84	<=30	Pass
	1752.5	1	0	23.38	0.50	23.88	<=30	Pass
			13	23.61	0.50	24.11	<=30	Pass
			24	23.35	0.50	23.85	<=30	Pass
			0	23.47	0.50	23.97	<=30	Pass
		12	6	23.43	0.50	23.93	<=30	Pass
			13	23.48	0.50	23.98	<=30	Pass
			0	23.42	0.50	23.92	<=30	Pass
			0	23.31	0.50	23.81	<=30	Pass
		1	13	23.15	0.50	23.65	<=30	Pass
			24	22.93	0.50	23.43	<=30	Pass
			0	22.01	0.50	22.51	<=30	Pass
			6	22.04	0.50	22.54	<=30	Pass
16QAM	1712.5	12	13	22.09	0.50	22.59	<=30	Pass
			0	22.06	0.50	22.56	<=30	Pass
		1	0	23.12	0.50	23.62	<=30	Pass
			13	23.12	0.50	23.62	<=30	Pass
			24	22.76	0.50	23.26	<=30	Pass
			0	22.14	0.50	22.64	<=30	Pass
		12	6	22.15	0.50	22.65	<=30	Pass
			13	22.13	0.50	22.63	<=30	Pass
			0	22.28	0.50	22.78	<=30	Pass
			0	23.27	0.50	23.77	<=30	Pass
		1	13	23.22	0.50	23.72	<=30	Pass
			24	23.18	0.50	23.68	<=30	Pass
	1732.5	1	0	22.45	0.50	22.95	<=30	Pass
			6	22.52	0.50	23.02	<=30	Pass
			13	22.53	0.50	23.03	<=30	Pass
			0	22.35	0.50	22.85	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	23.32	0.50	23.82	<=30	Pass
			25	23.53	0.50	24.03	<=30	Pass
			49	23.36	0.50	23.86	<=30	Pass
		25	0	23.27	0.50	23.77	<=30	Pass
			13	23.46	0.50	23.96	<=30	Pass
			25	23.30	0.50	23.80	<=30	Pass
		50	0	23.36	0.50	23.86	<=30	Pass
	1732.5	1	0	23.15	0.50	23.65	<=30	Pass
			25	23.72	0.50	24.22	<=30	Pass

16QAM		25	49	23.36	0.50	23.86	<=30	Pass
			0	23.32	0.50	23.82	<=30	Pass
			13	23.37	0.50	23.87	<=30	Pass
			25	23.25	0.50	23.75	<=30	Pass
	50	1	0	23.34	0.50	23.84	<=30	Pass
			0	23.69	0.50	24.19	<=30	Pass
			25	23.89	0.50	24.39	<=30	Pass
			49	23.44	0.50	23.94	<=30	Pass
	25	1	0	23.54	0.50	24.04	<=30	Pass
			13	23.56	0.50	24.06	<=30	Pass
			25	23.53	0.50	24.03	<=30	Pass
			0	23.42	0.50	23.92	<=30	Pass
	50	1	0	22.88	0.50	23.38	<=30	Pass
			25	23.27	0.50	23.77	<=30	Pass
			49	22.97	0.50	23.47	<=30	Pass
			0	22.20	0.50	22.70	<=30	Pass
16QAM	1715	1	13	22.41	0.50	22.91	<=30	Pass
			25	22.44	0.50	22.94	<=30	Pass
			0	22.27	0.50	22.77	<=30	Pass
		25	0	22.96	0.50	23.46	<=30	Pass
			25	23.02	0.50	23.52	<=30	Pass
			49	22.75	0.50	23.25	<=30	Pass
		50	0	22.47	0.50	22.97	<=30	Pass
			13	22.40	0.50	22.90	<=30	Pass
	1732.5	1	25	22.22	0.50	22.72	<=30	Pass
			0	22.35	0.50	22.85	<=30	Pass
			0	23.37	0.50	23.87	<=30	Pass
		25	25	23.32	0.50	23.82	<=30	Pass
			49	23.39	0.50	23.89	<=30	Pass
			0	22.54	0.50	23.04	<=30	Pass
		50	13	22.63	0.50	23.13	<=30	Pass
			25	22.15	0.50	22.65	<=30	Pass
	1750	1	0	22.54	0.50	23.04	<=30	Pass
			0	23.37	0.50	23.87	<=30	Pass
			25	23.32	0.50	23.82	<=30	Pass
		25	49	23.39	0.50	23.89	<=30	Pass
			0	22.54	0.50	23.04	<=30	Pass
			13	22.63	0.50	23.13	<=30	Pass
		50	25	22.15	0.50	22.65	<=30	Pass
			0	22.54	0.50	23.04	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / 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	23.34	0.50	23.84	<=30	Pass
			38	23.50	0.50	24.00	<=30	Pass
			74	23.40	0.50	23.90	<=30	Pass
		36	0	23.12	0.50	23.62	<=30	Pass
			18	23.30	0.50	23.80	<=30	Pass
			39	23.25	0.50	23.75	<=30	Pass
		75	0	23.29	0.50	23.79	<=30	Pass
			0	23.42	0.50	23.92	<=30	Pass
			38	23.48	0.50	23.98	<=30	Pass
		36	74	23.59	0.50	24.09	<=30	Pass
			0	23.31	0.50	23.81	<=30	Pass
			18	23.42	0.50	23.92	<=30	Pass
	1732.5	1	39	23.27	0.50	23.77	<=30	Pass
			0	23.31	0.50	23.81	<=30	Pass
			0	23.60	0.50	24.10	<=30	Pass
		36	38	23.65	0.50	24.15	<=30	Pass
			0	23.37	0.50	23.87	<=30	Pass
			25	23.32	0.50	23.82	<=30	Pass
	1747.5	1	49	23.39	0.50	23.89	<=30	Pass
			0	22.54	0.50	23.04	<=30	Pass
			13	22.63	0.50	23.13	<=30	Pass
		25	25	22.15	0.50	22.65	<=30	Pass
			0	22.54	0.50	23.04	<=30	Pass
			13	22.63	0.50	23.13	<=30	Pass

			74	23.55	0.50	24.05	<=30	Pass
		36	0	23.45	0.50	23.95	<=30	Pass
			18	23.39	0.50	23.89	<=30	Pass
			39	23.34	0.50	23.84	<=30	Pass
		75	0	23.40	0.50	23.90	<=30	Pass
16QAM	1717.5	1	0	22.95	0.50	23.45	<=30	Pass
			38	23.12	0.50	23.62	<=30	Pass
			74	22.97	0.50	23.47	<=30	Pass
		36	0	22.52	0.50	23.02	<=30	Pass
			18	22.42	0.50	22.92	<=30	Pass
			39	22.19	0.50	22.69	<=30	Pass
		75	0	22.31	0.50	22.81	<=30	Pass
	1732.5	1	0	23.17	0.50	23.67	<=30	Pass
			38	23.00	0.50	23.50	<=30	Pass
			74	23.12	0.50	23.62	<=30	Pass
		36	0	22.40	0.50	22.90	<=30	Pass
			18	22.35	0.50	22.85	<=30	Pass
			39	22.21	0.50	22.71	<=30	Pass
		75	0	22.33	0.50	22.83	<=30	Pass
	1747.5	1	0	23.17	0.50	23.67	<=30	Pass
			38	23.28	0.50	23.78	<=30	Pass
			74	22.92	0.50	23.42	<=30	Pass
		36	0	22.34	0.50	22.84	<=30	Pass
			18	22.53	0.50	23.03	<=30	Pass
			39	22.32	0.50	22.82	<=30	Pass
		75	0	22.50	0.50	23.00	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNv								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	23.19	0.50	23.69	<=30	Pass
			50	23.65	0.50	24.15	<=30	Pass
			99	23.49	0.50	23.99	<=30	Pass
		50	0	23.42	0.50	23.92	<=30	Pass
			25	23.37	0.50	23.87	<=30	Pass
			50	23.37	0.50	23.87	<=30	Pass
		100	0	23.36	0.50	23.86	<=30	Pass
	1732.5	1	0	23.13	0.50	23.63	<=30	Pass
			50	23.79	0.50	24.29	<=30	Pass
			99	23.68	0.50	24.18	<=30	Pass
		50	0	23.39	0.50	23.89	<=30	Pass
			25	23.32	0.50	23.82	<=30	Pass
			50	23.26	0.50	23.76	<=30	Pass
		100	0	23.32	0.50	23.82	<=30	Pass
	1745	1	0	23.47	0.50	23.97	<=30	Pass
			50	23.78	0.50	24.28	<=30	Pass
			99	23.58	0.50	24.08	<=30	Pass
		50	0	23.47	0.50	23.97	<=30	Pass
			25	23.47	0.50	23.97	<=30	Pass
			50	23.40	0.50	23.90	<=30	Pass
		100	0	23.40	0.50	23.90	<=30	Pass
16QAM	1720	1	0	22.93	0.50	23.43	<=30	Pass
			50	23.25	0.50	23.75	<=30	Pass

			99	23.08	0.50	23.58	<=30	Pass
		50	0	22.23	0.50	22.73	<=30	Pass
			25	22.36	0.50	22.86	<=30	Pass
			50	22.31	0.50	22.81	<=30	Pass
		100	0	22.37	0.50	22.87	<=30	Pass
	1732.5	1	0	22.94	0.50	23.44	<=30	Pass
			50	23.26	0.50	23.76	<=30	Pass
			99	23.05	0.50	23.55	<=30	Pass
		50	0	22.41	0.50	22.91	<=30	Pass
			25	22.43	0.50	22.93	<=30	Pass
			50	22.30	0.50	22.80	<=30	Pass
		100	0	22.25	0.50	22.75	<=30	Pass
	1745	1	0	22.52	0.50	23.02	<=30	Pass
			50	23.43	0.50	23.93	<=30	Pass
			99	23.21	0.50	23.71	<=30	Pass
		50	0	22.52	0.50	23.02	<=30	Pass
			25	22.51	0.50	23.01	<=30	Pass
			50	22.37	0.50	22.87	<=30	Pass
		100	0	22.36	0.50	22.86	<=30	Pass
	Note1: EIRP=Conducted Power+Antenna Gain							

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_10MHz

Band: 4 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1732.5	50	0	20	3.27	1.500	0.0009	-2.5 to 2.5	Pass
					3.85	-0.700	-0.0004	-2.5 to 2.5	Pass
					4.43	1.100	0.0006	-2.5 to 2.5	Pass
				-30	3.85	0.900	0.0005	-2.5 to 2.5	Pass
				-20	3.85	1.500	0.0009	-2.5 to 2.5	Pass
				-10	3.85	1.200	0.0007	-2.5 to 2.5	Pass
				0	3.85	0.900	0.0005	-2.5 to 2.5	Pass
				10	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				30	3.85	1.700	0.0010	-2.5 to 2.5	Pass
				40	3.85	1.300	0.0008	-2.5 to 2.5	Pass
				50	3.85	1.300	0.0008	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.089	/	Pass

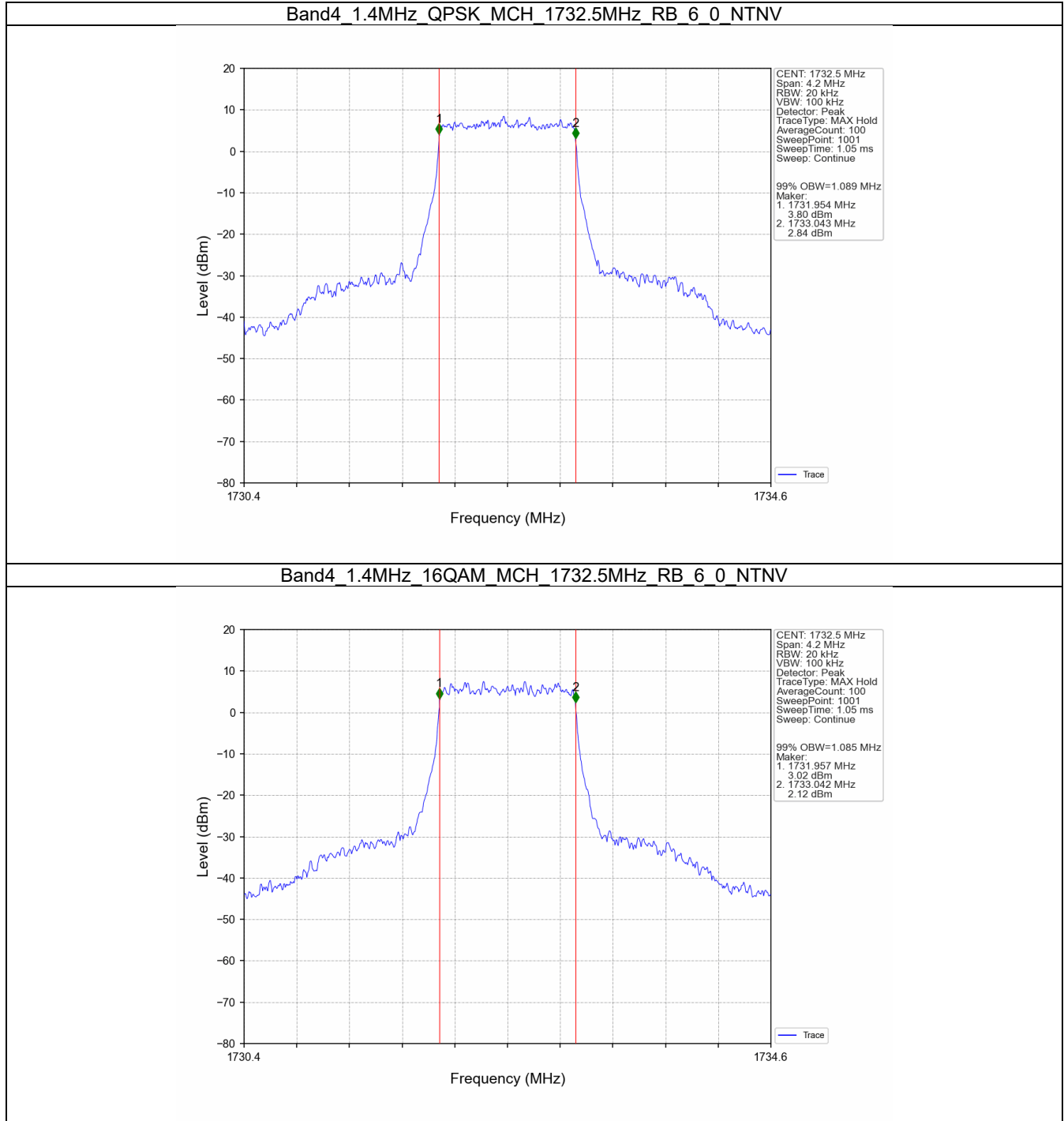
3	16QAM	1732.5	6	0	1.085	/	Pass
	QPSK	1732.5	15	0	2.680	/	Pass
5	16QAM	1732.5	15	0	2.679	/	Pass
	QPSK	1732.5	25	0	4.467	/	Pass
10	16QAM	1732.5	25	0	4.466	/	Pass
	QPSK	1732.5	50	0	8.953	/	Pass
15	16QAM	1732.5	50	0	8.912	/	Pass
	QPSK	1732.5	75	0	13.390	/	Pass
20	16QAM	1732.5	75	0	13.409	/	Pass
	QPSK	1732.5	100	0	17.840	/	Pass
	16QAM	1732.5	100	0	17.883	/	Pass

3.1.2 Band4_XDB

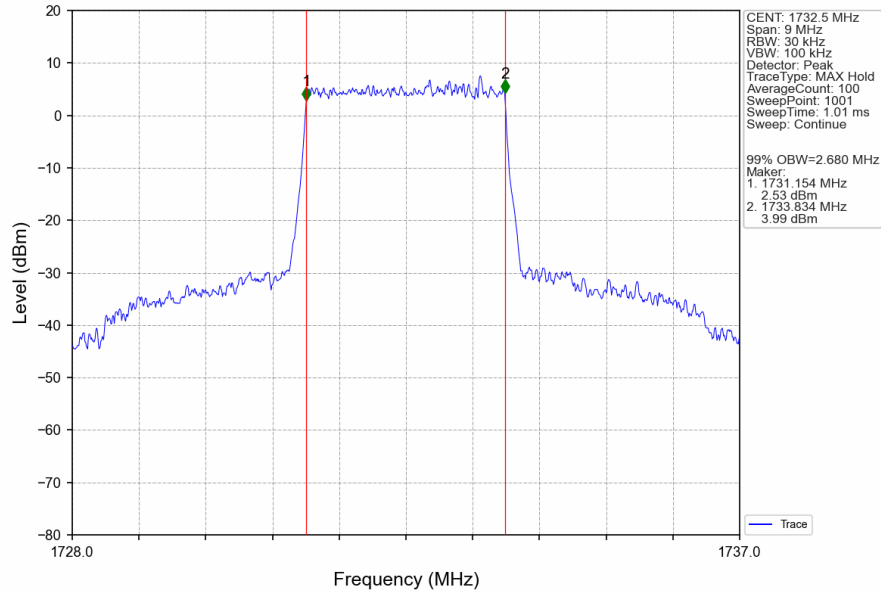
Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1732.5	6	0	1.274	/	Pass
	16QAM	1732.5	6	0	1.268	/	Pass
3	QPSK	1732.5	15	0	2.932	/	Pass
	16QAM	1732.5	15	0	2.932	/	Pass
5	QPSK	1732.5	25	0	4.938	/	Pass
	16QAM	1732.5	25	0	4.924	/	Pass
10	QPSK	1732.5	50	0	9.636	/	Pass
	16QAM	1732.5	50	0	9.616	/	Pass
15	QPSK	1732.5	75	0	14.455	/	Pass
	16QAM	1732.5	75	0	14.442	/	Pass
20	QPSK	1732.5	100	0	19.180	/	Pass
	16QAM	1732.5	100	0	18.976	/	Pass

3.2 Test Graph

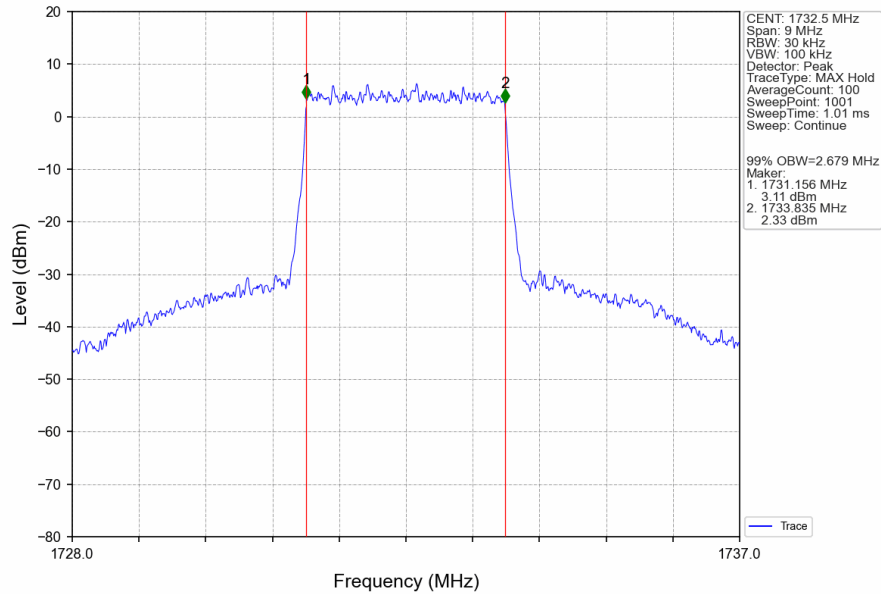
3.2.1 Band4_OBW



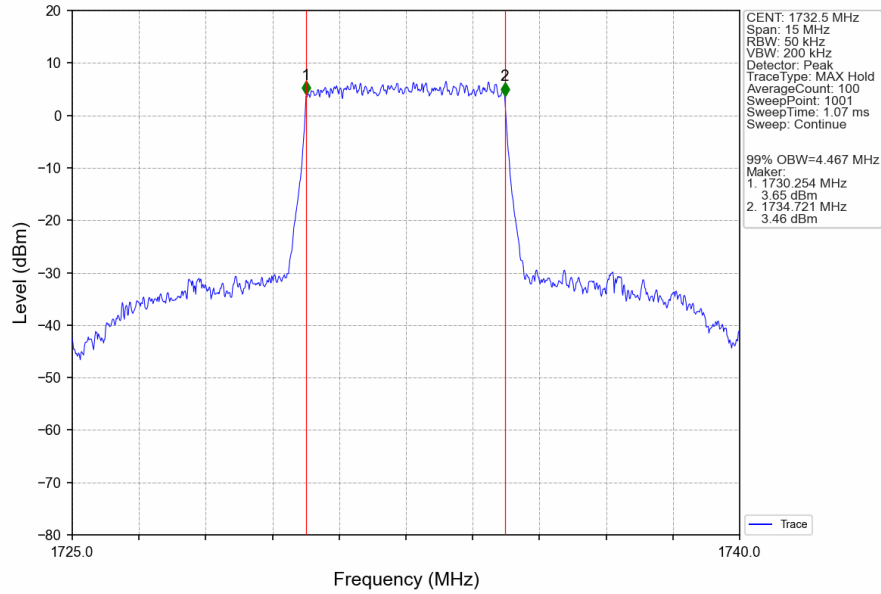
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



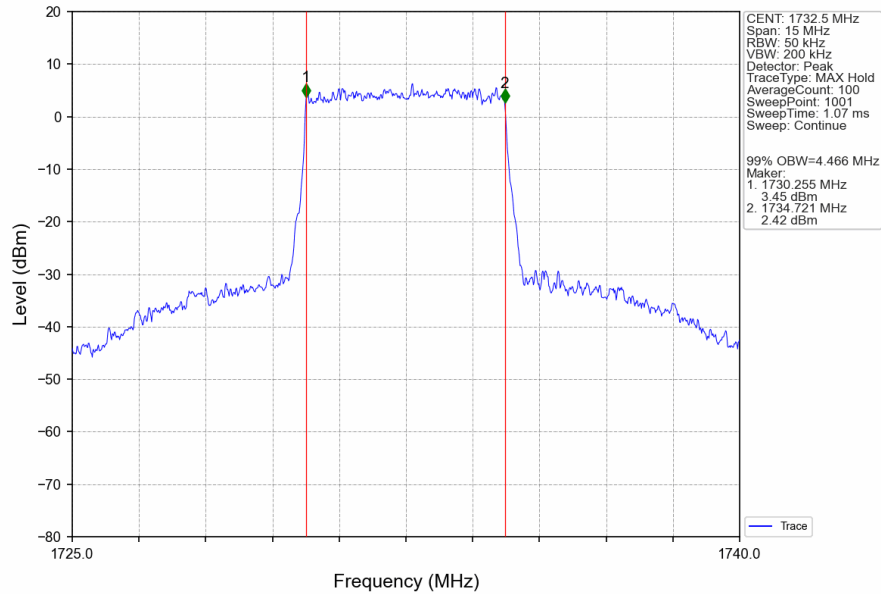
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



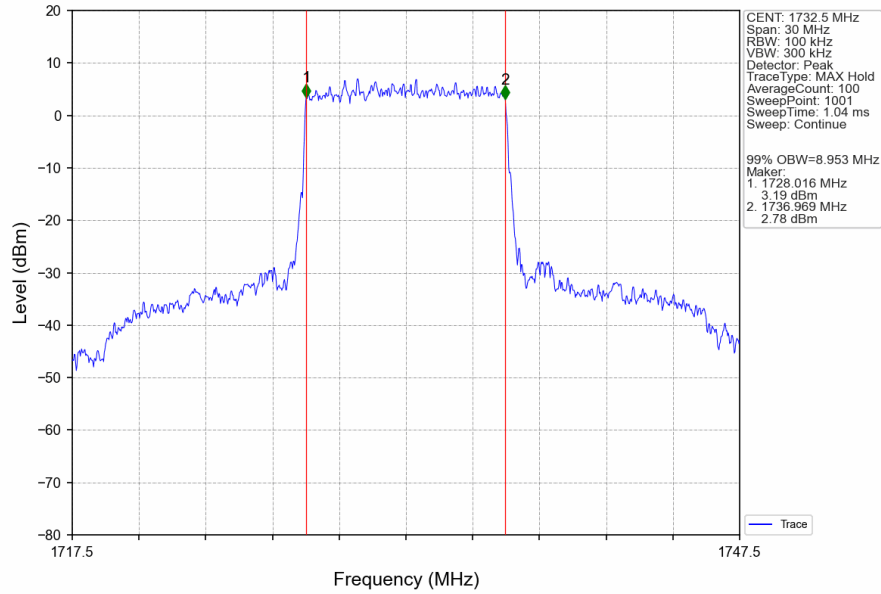
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



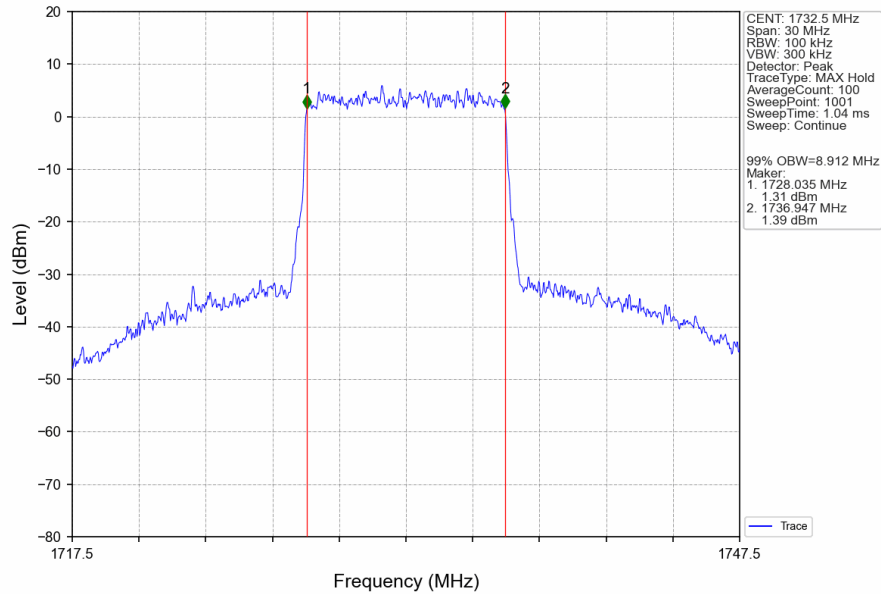
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



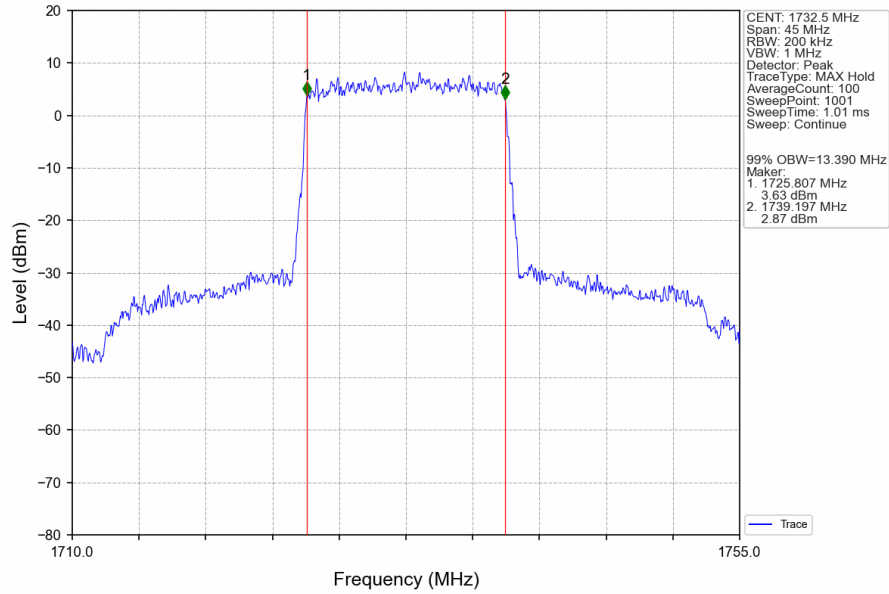
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



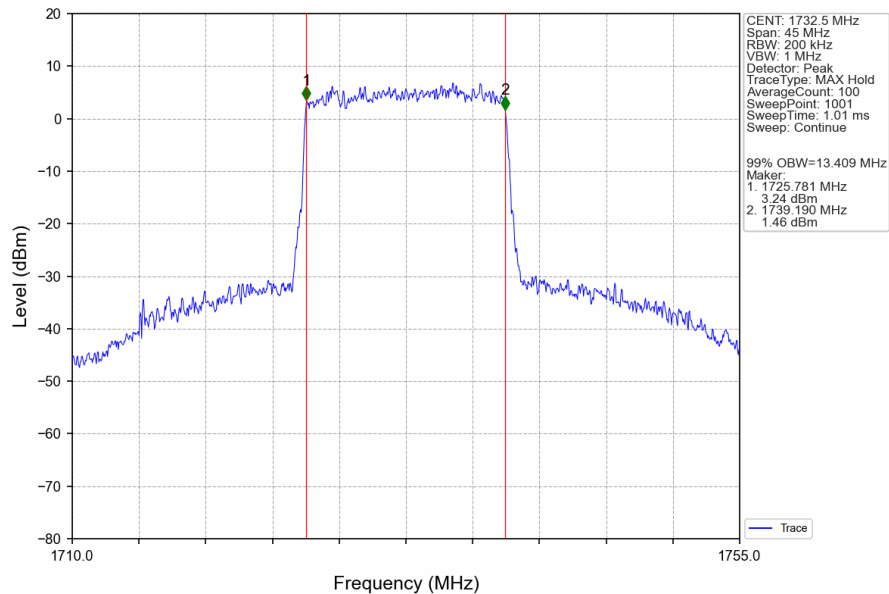
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



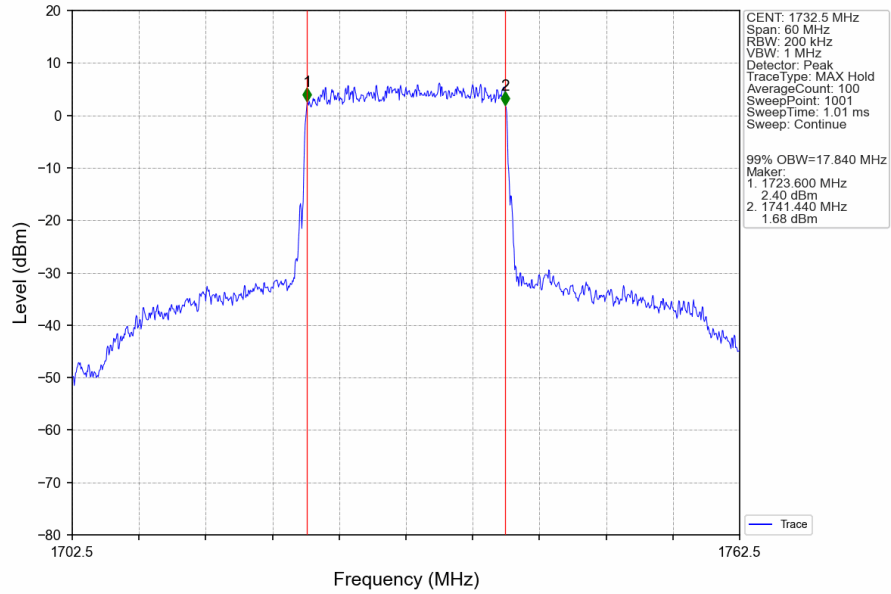
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



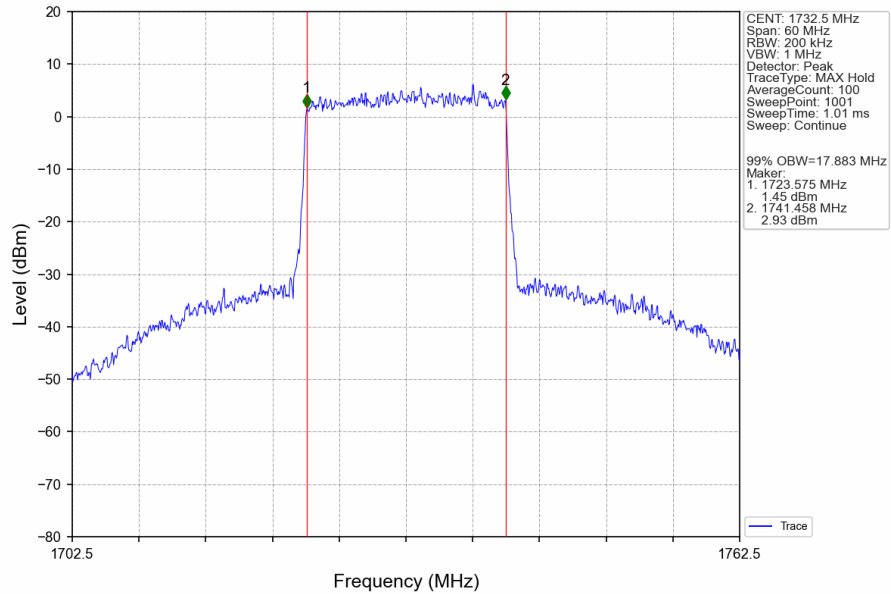
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



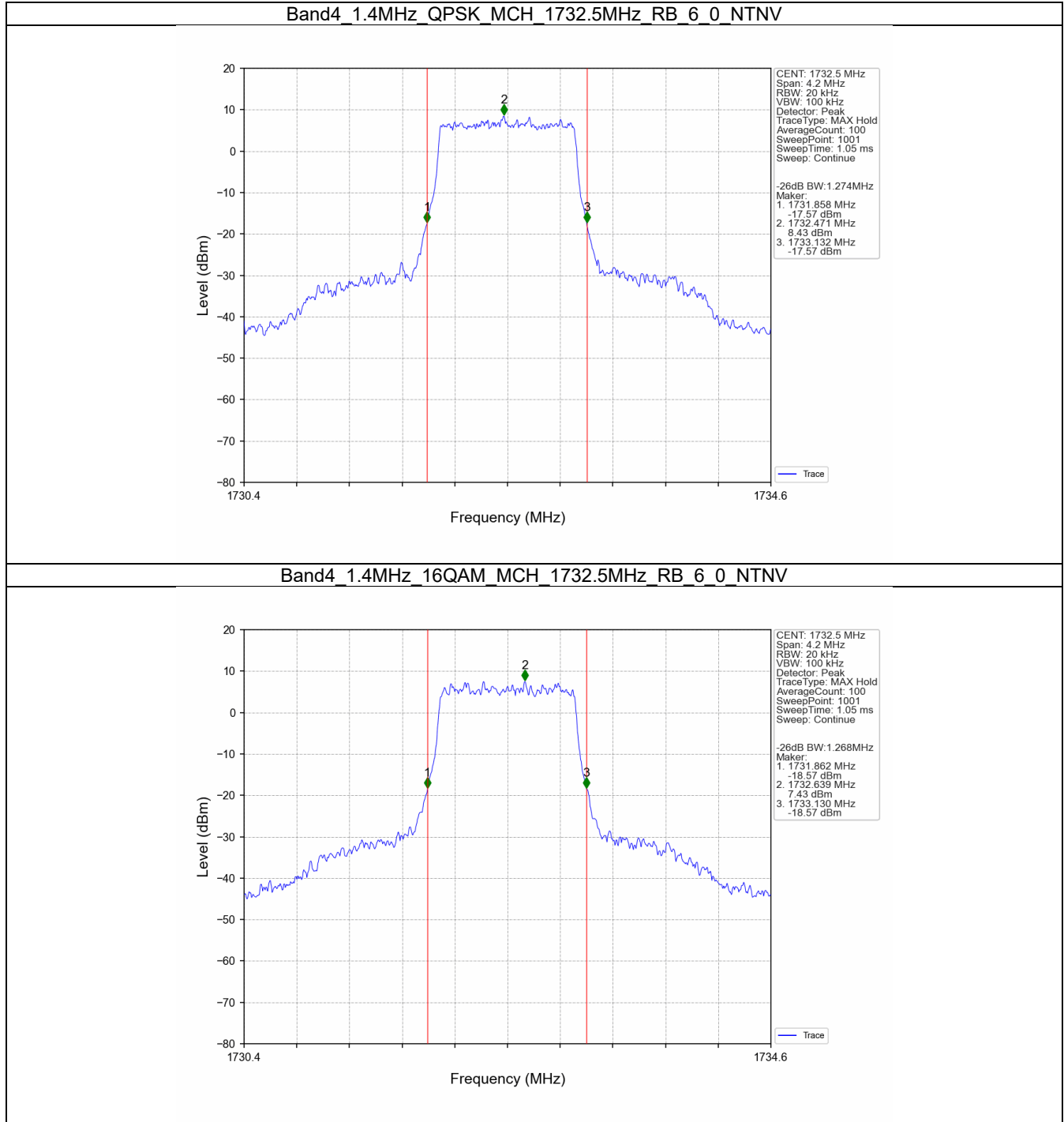
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



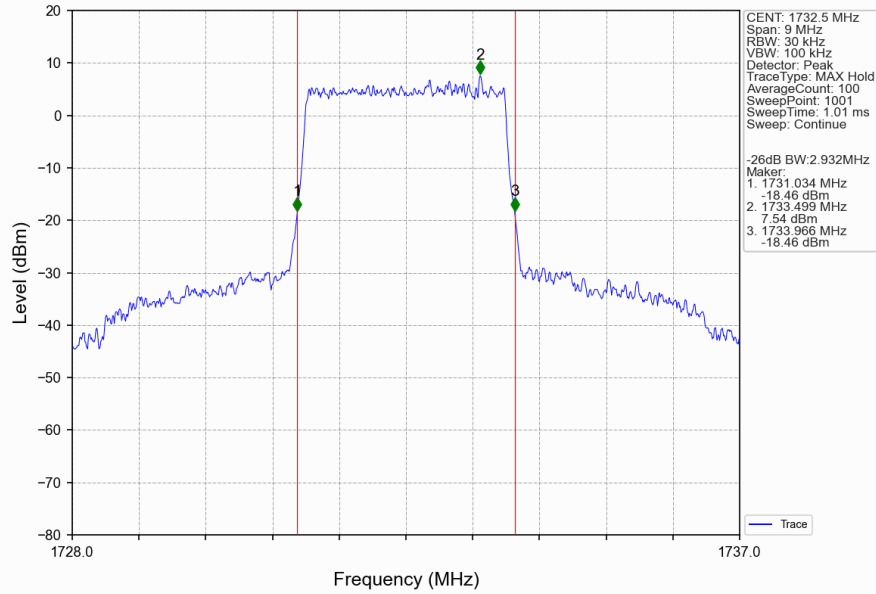
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



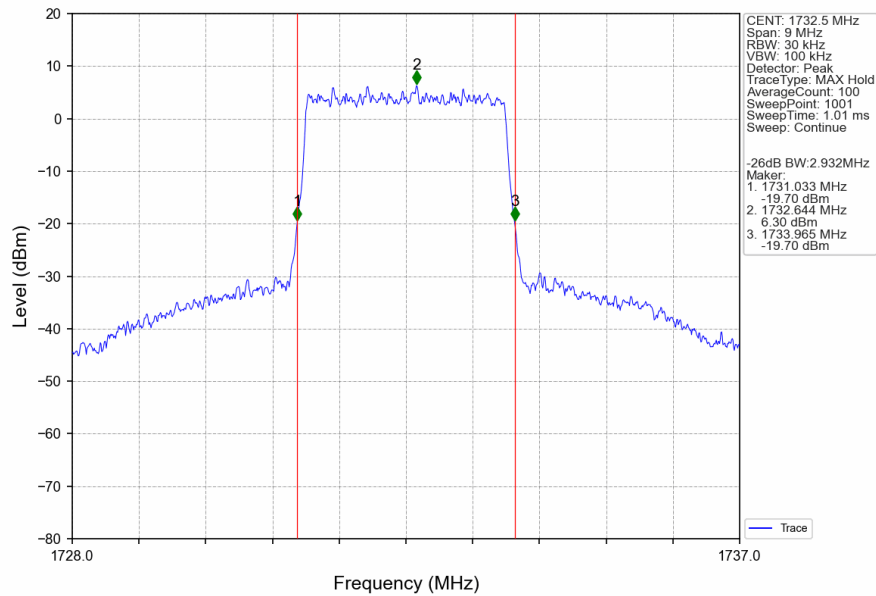
3.2.2 Band4_XDB



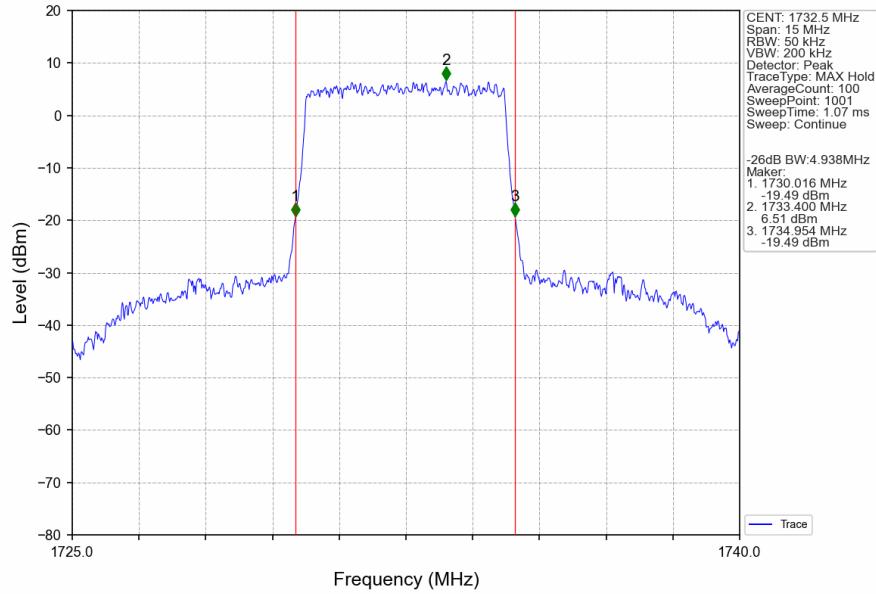
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



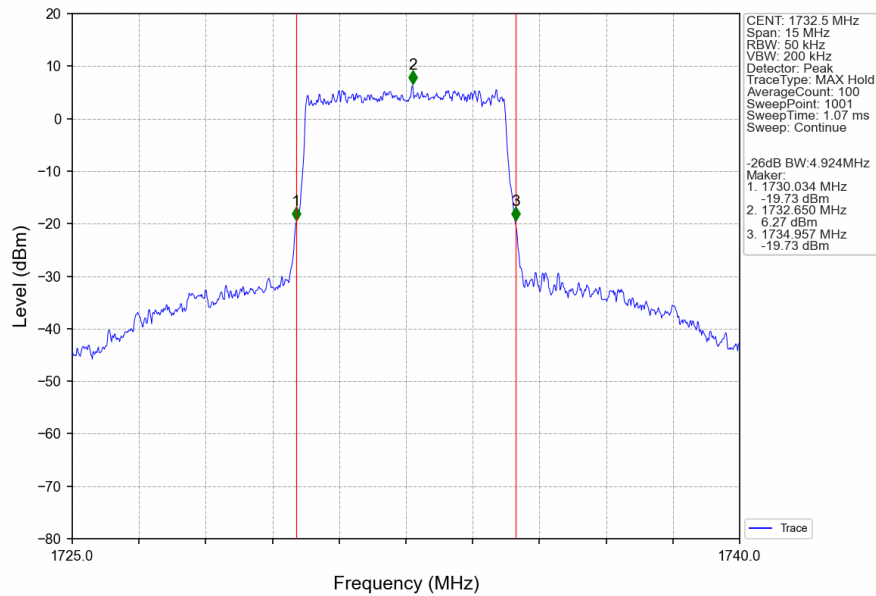
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



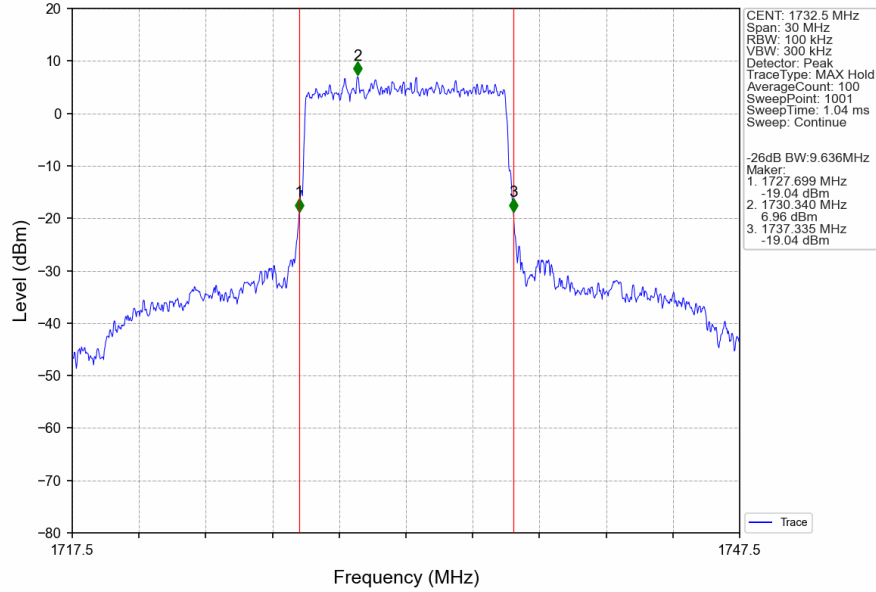
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



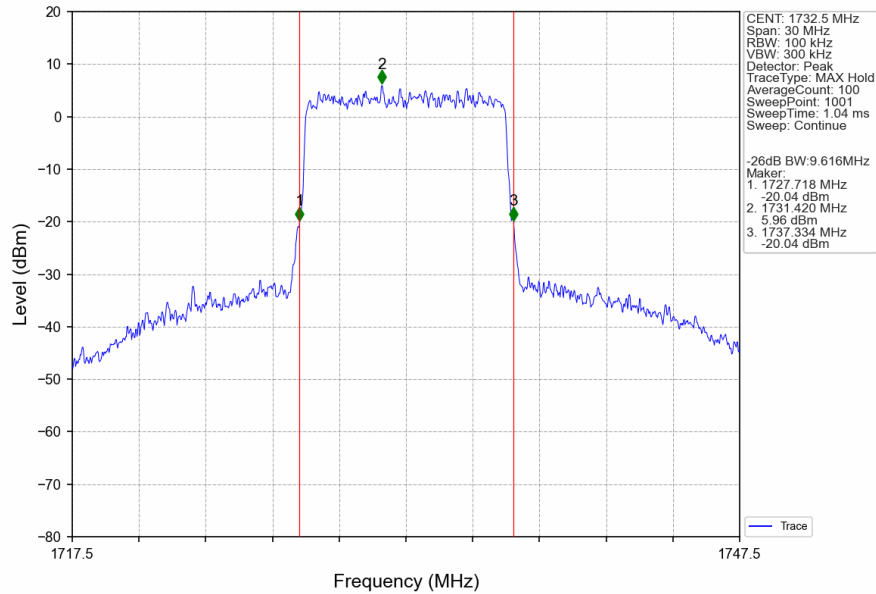
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



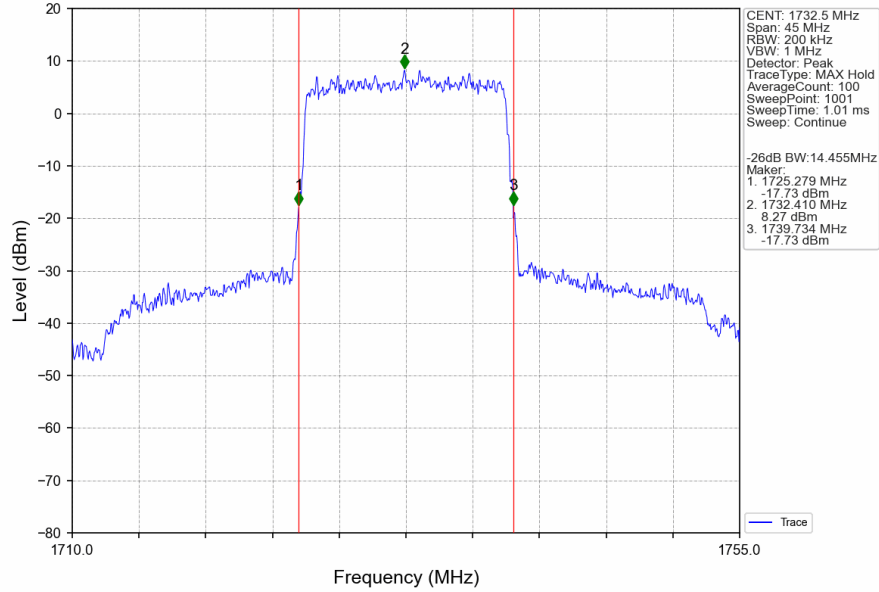
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_50_0_NTNV



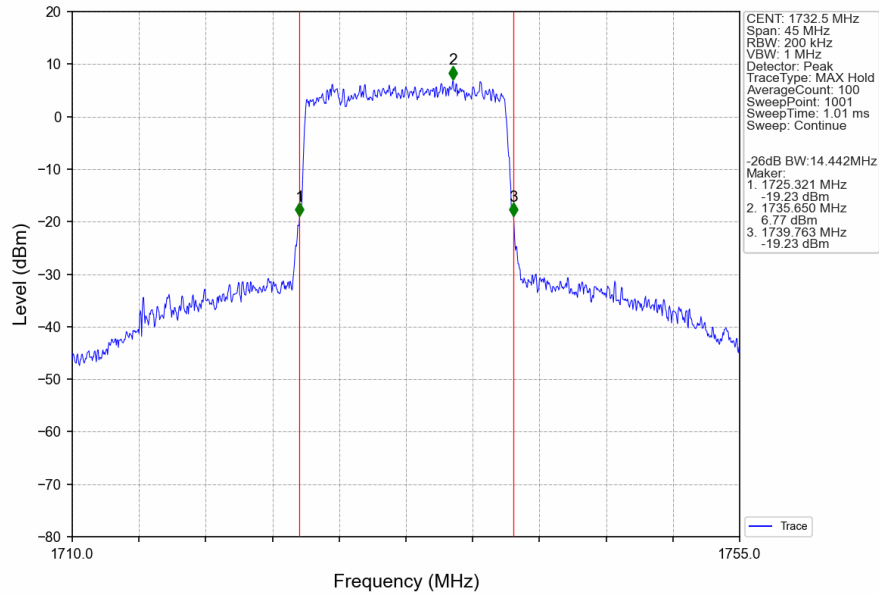
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



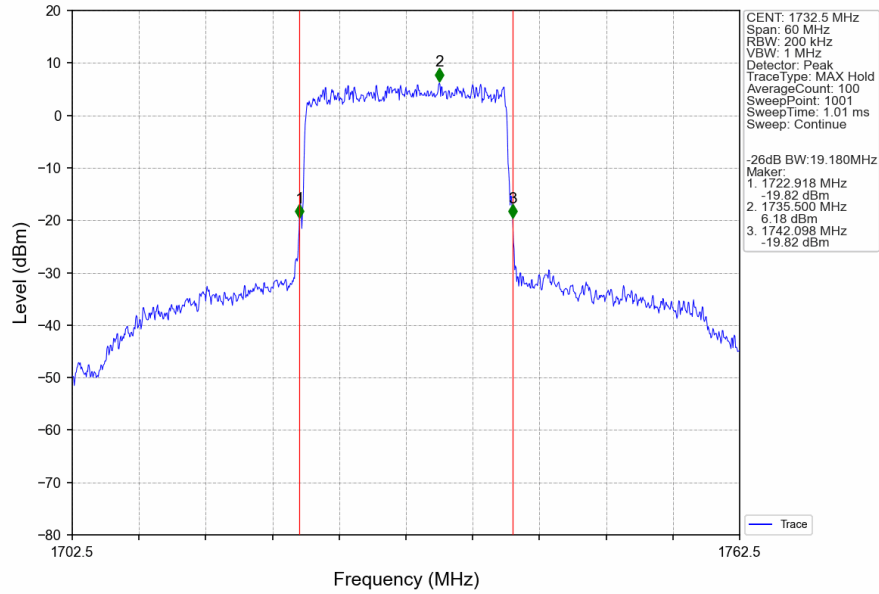
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_75_0_NTNV



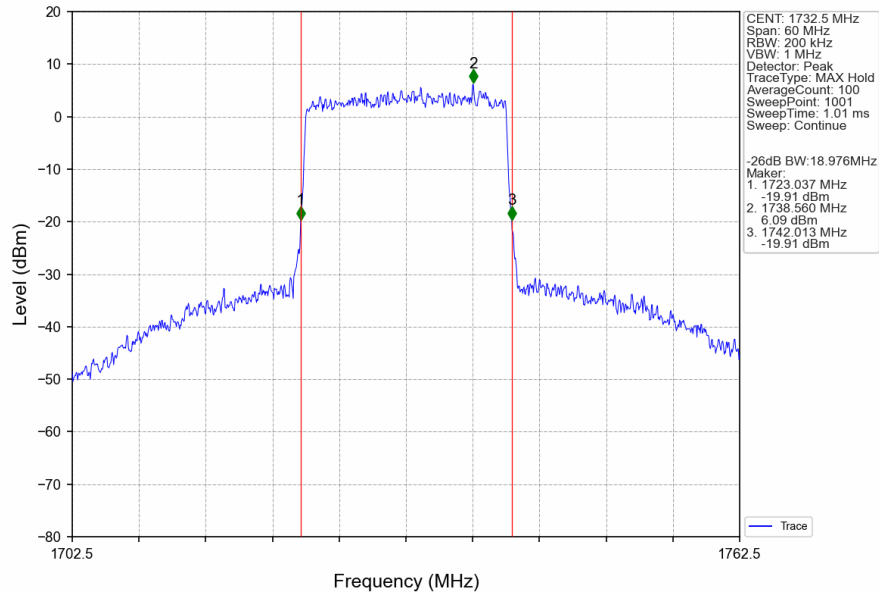
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



Band4_20MHz_QPSK_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



4. Peak-Average Ratio

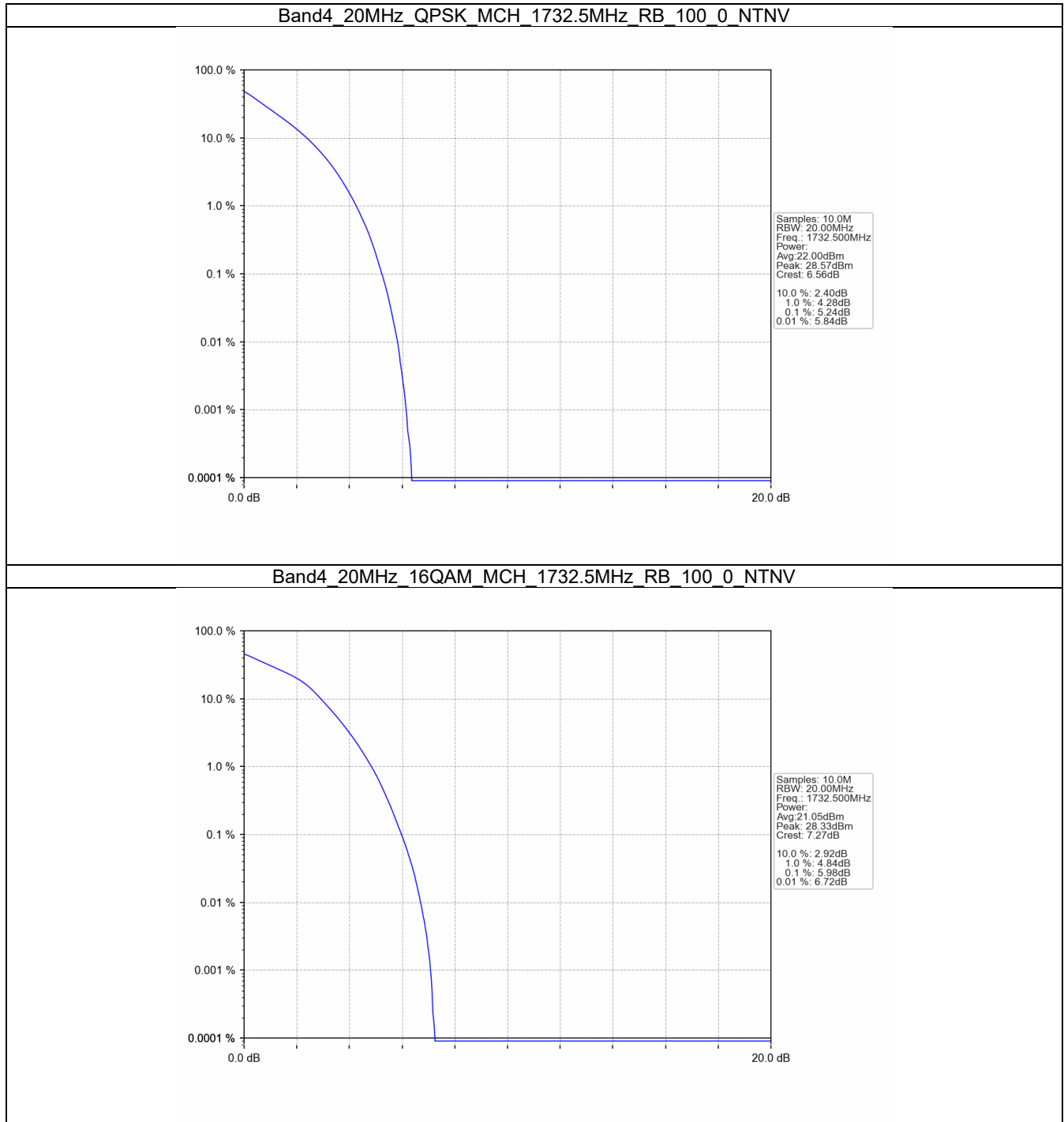
4.1 Test Result

4.1.1 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	5.24	<=13	Pass
16QAM	1732.5	100	0	5.98	<=13	Pass

4.2 Test Graph

4.2.1 B4_20MHz



5. Spurious Emission

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
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
	1732.5	1	0	Refer To Test Graph		Pass
	1754.3	1	0	Refer To Test Graph		Pass
			5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

5.1.2 B4_3MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1753.5	1	0	Refer To Test Graph		Pass
			14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

5.1.3 B4_5MHz

Band: 4 / 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
	1732.5	1	0	Refer To Test Graph		Pass
	1752.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTV						
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
	1732.5	1	0	Refer To Test Graph		Pass
	1750	1	0	Refer To Test Graph		Pass

			49	Refer To Test Graph	Pass
		50	0	Refer To Test Graph	Pass

5.1.5 B4_15MHz

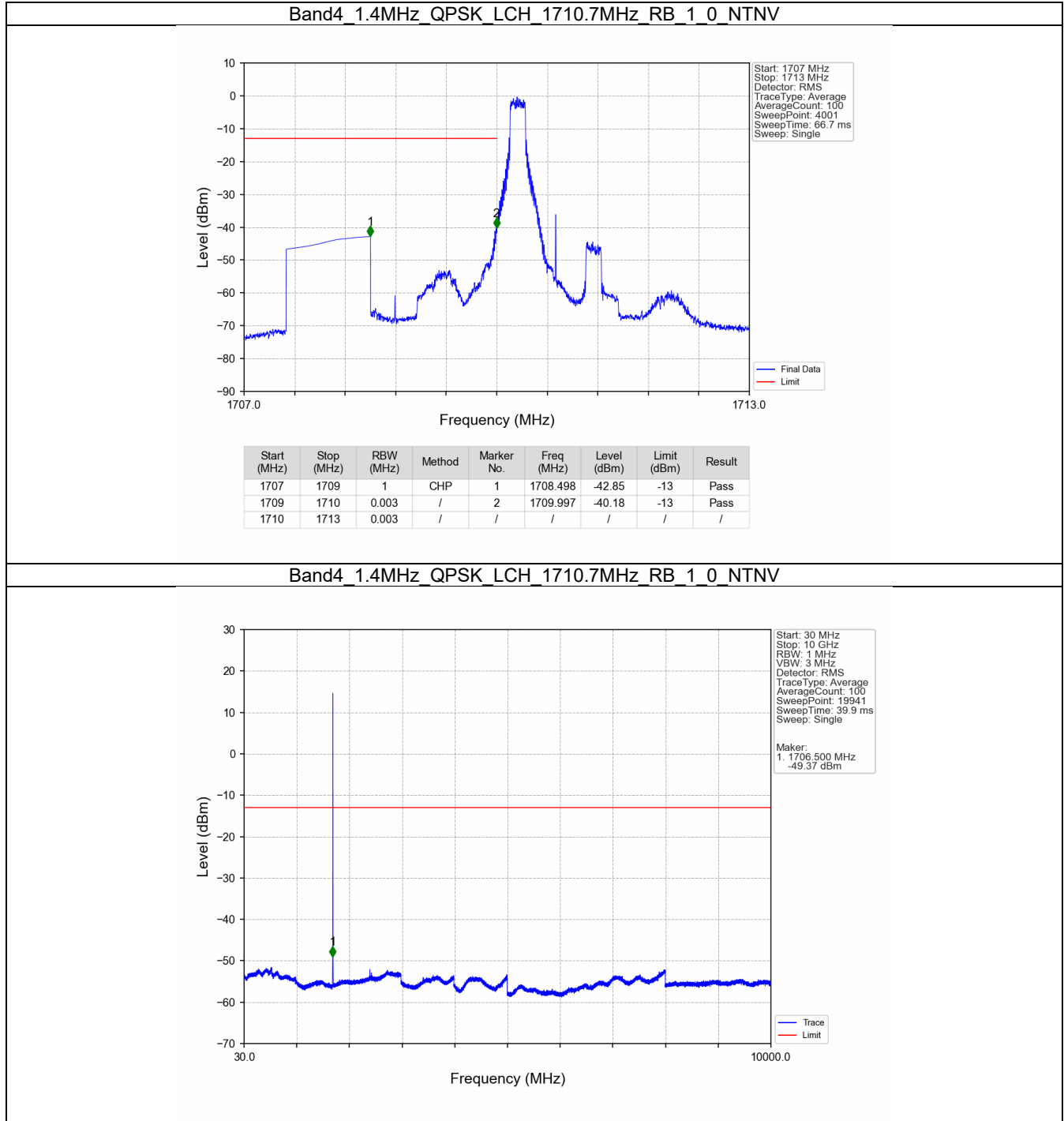
Band: 4 / Bandwidth: 15MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1717.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1747.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

5.1.6 B4_20MHz

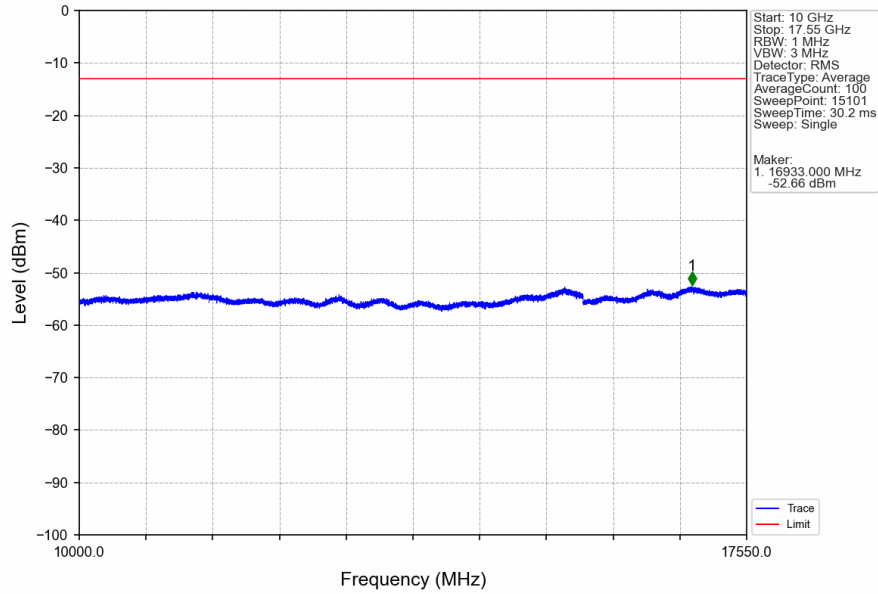
Band: 4 / Bandwidth: 20MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission	
		Size	Offset	Result	Limit
QPSK	1720	1	0	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

5.2 Test Graph

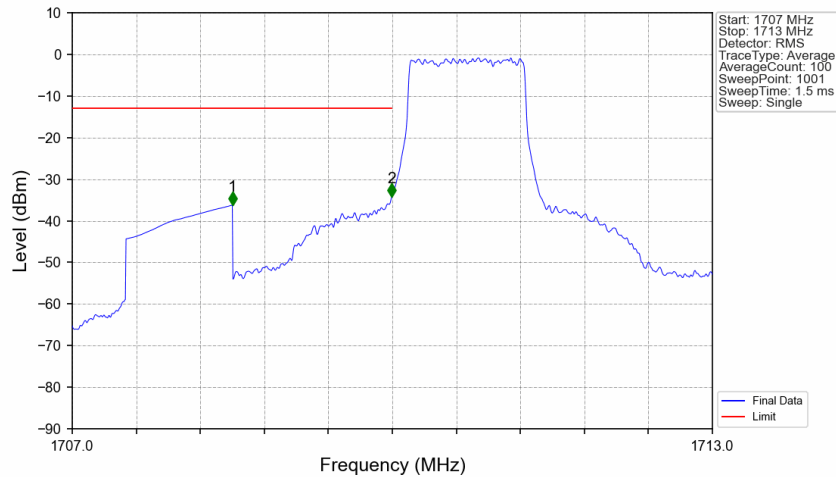
5.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

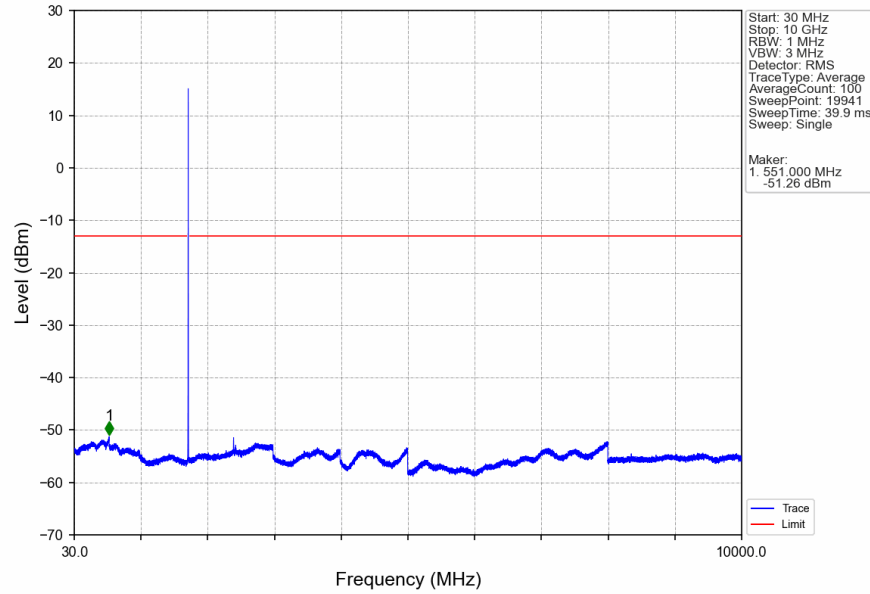


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

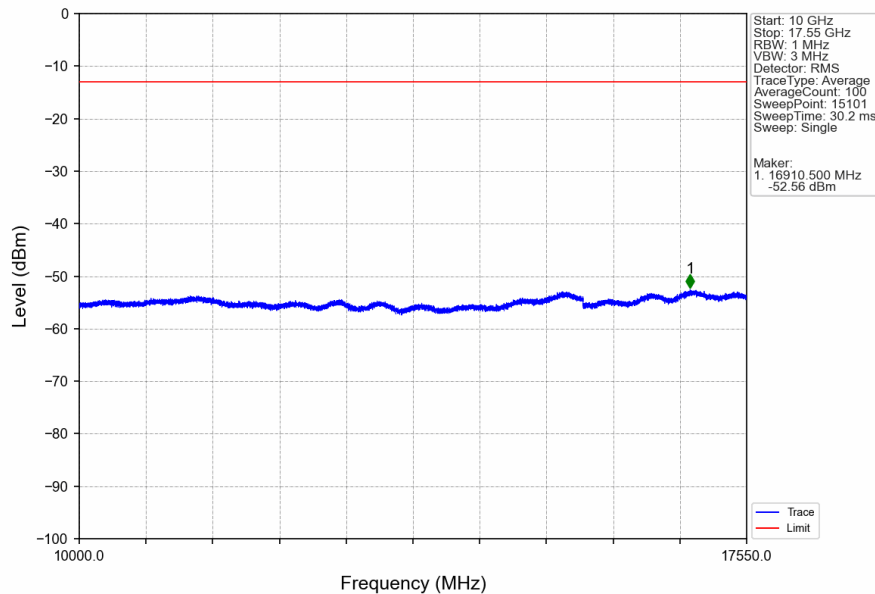


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-36.25	-13	Pass
1709	1710	0.02	/	2	1709.994	-34.17	-13	Pass
1710	1713	0.02	/	/	/	/	/	/

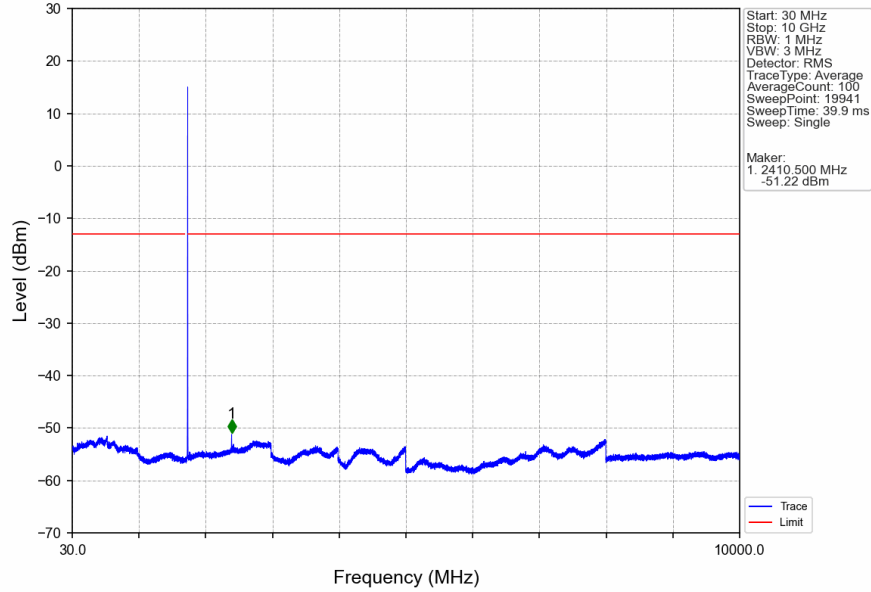
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



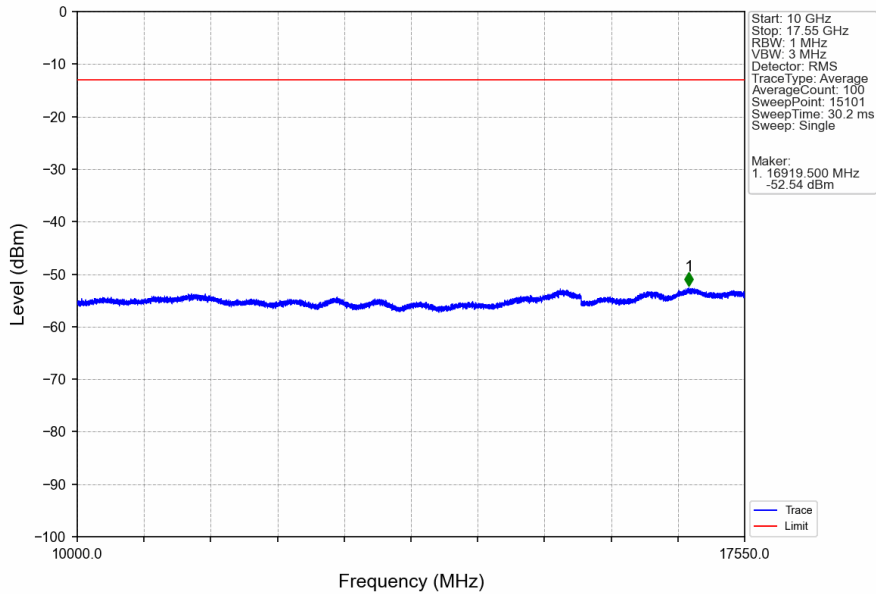
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



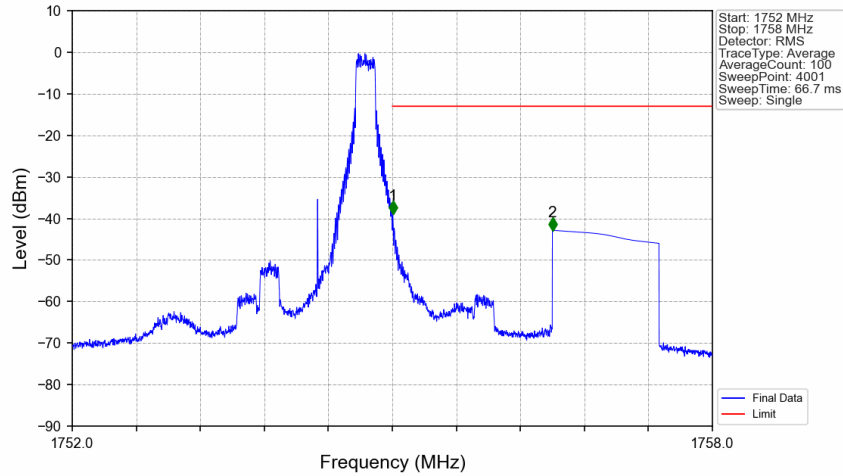
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV

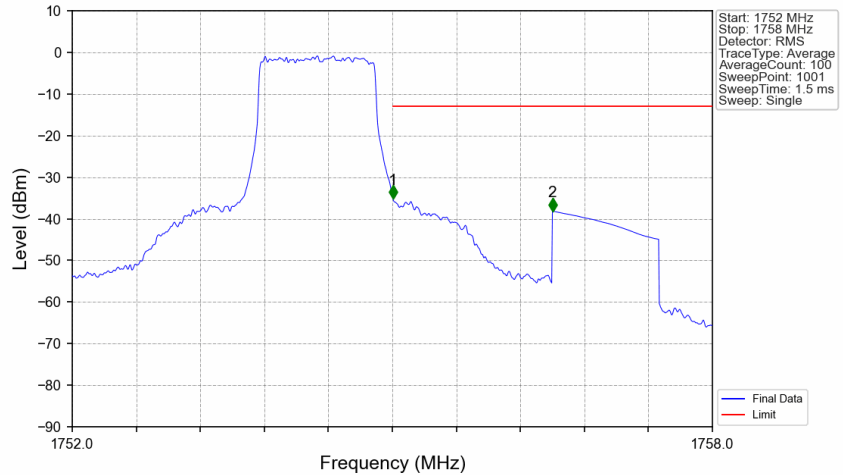


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-38.96	-13	Pass
1756	1758	1	CHP	2	1756.500	-42.87	-13	Pass

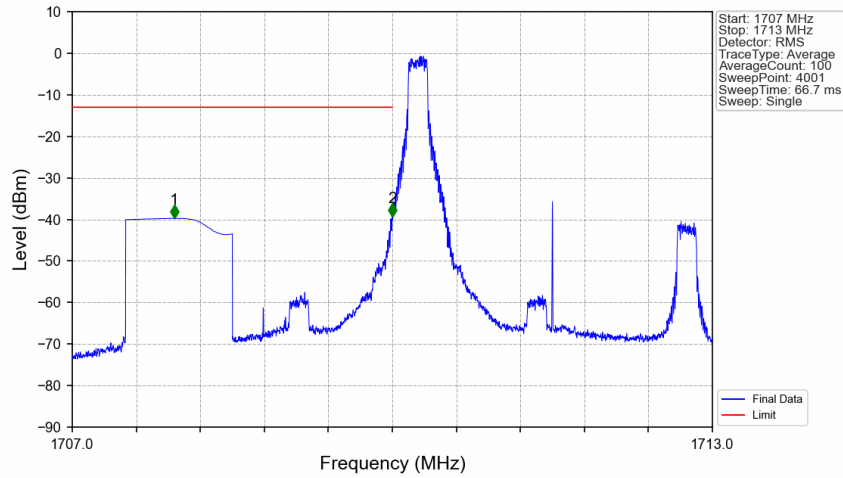
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



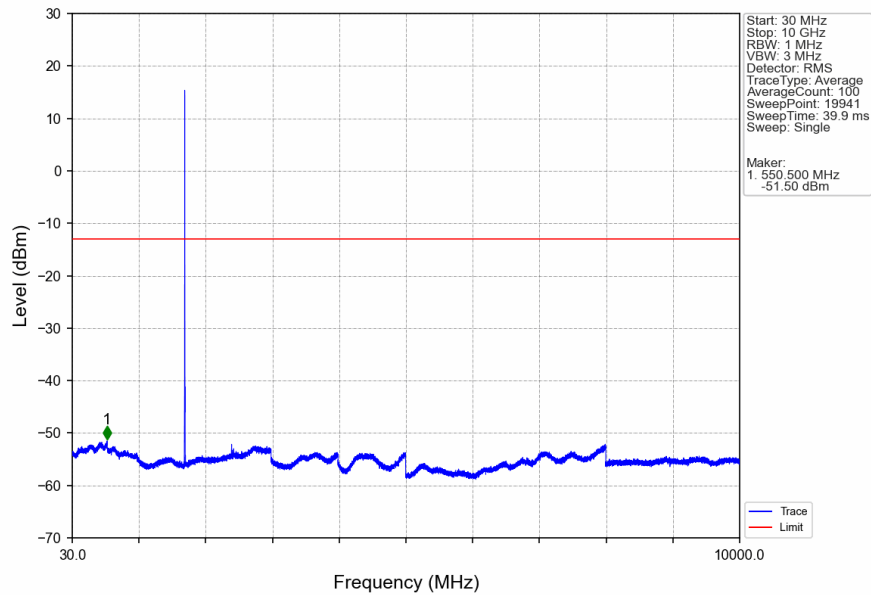
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.02	/	/	/	/	/	/
1755	1756	0.02	/	1	1755.006	-35.20	-13	Pass
1756	1758	1	CHP	2	1756.500	-38.12	-13	Pass

5.2.2 B4_3MHz

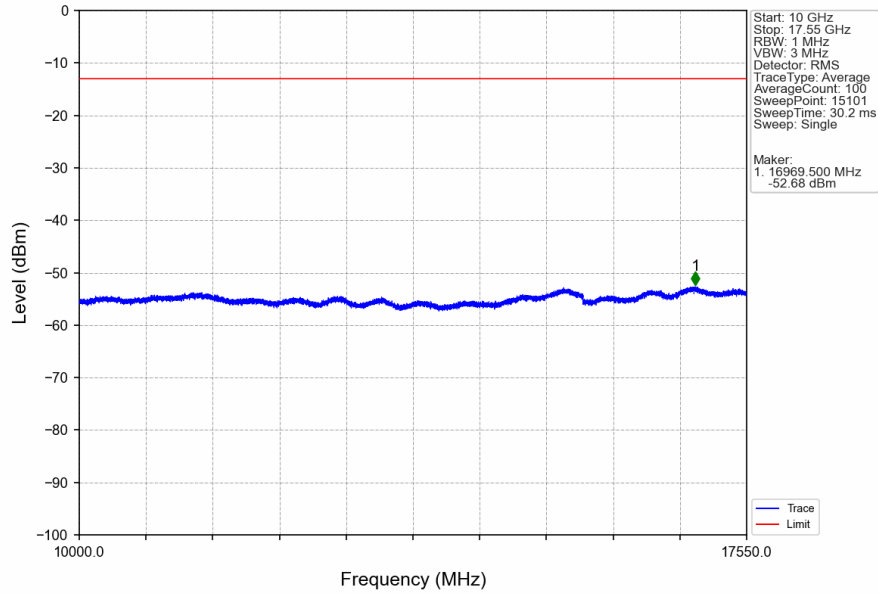
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



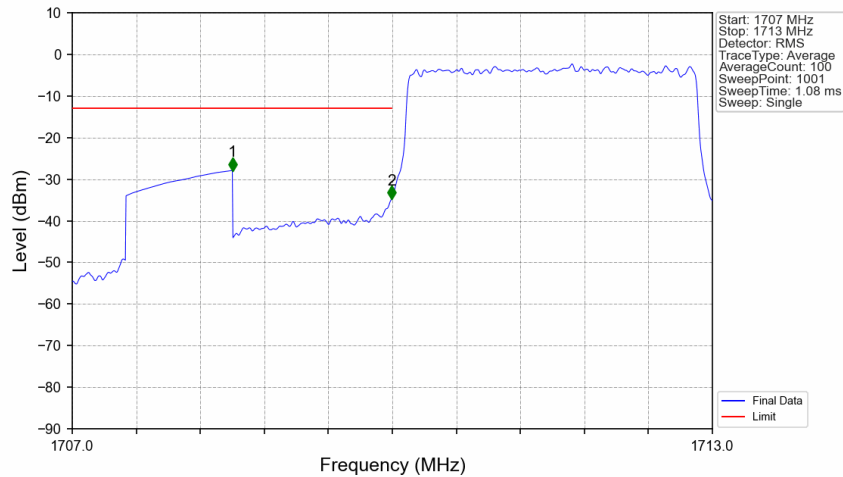
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

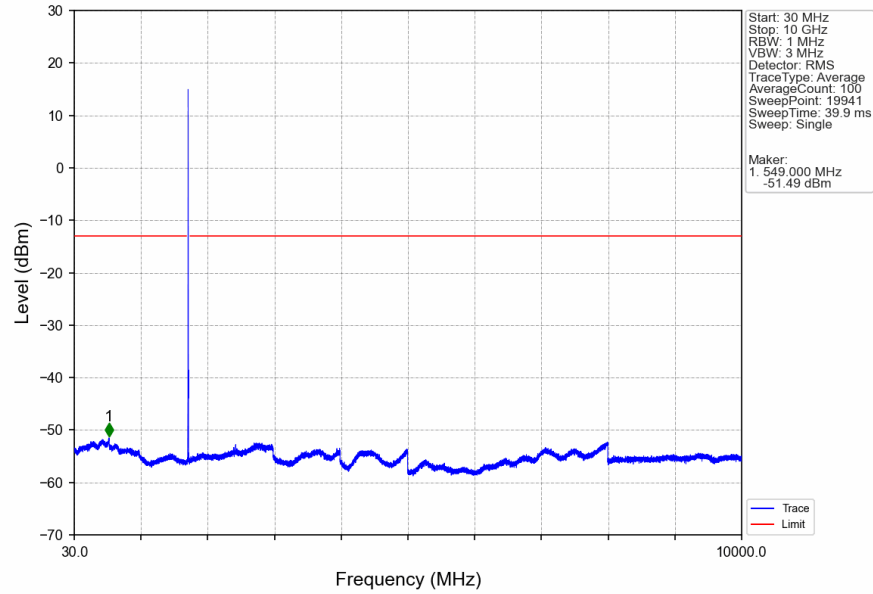


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

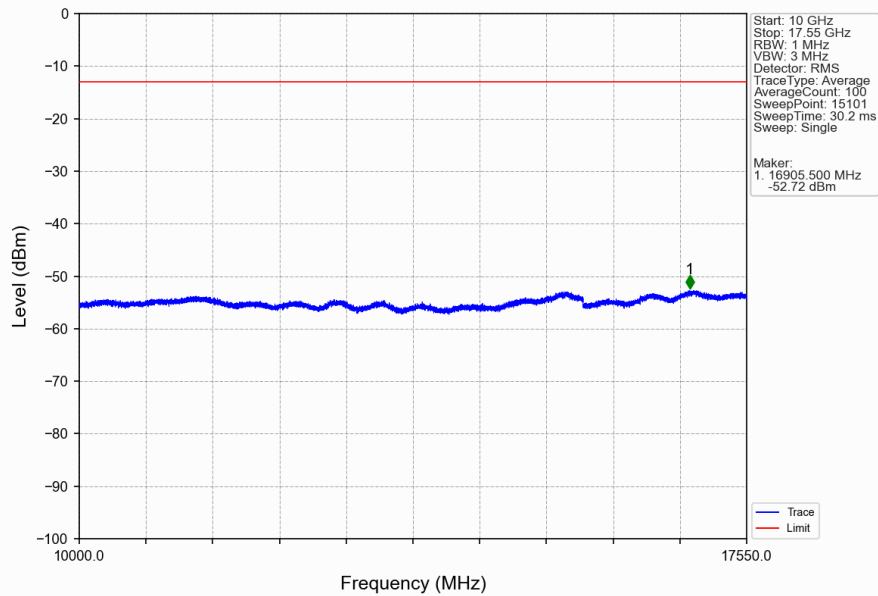


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.92	-13	Pass
1709	1710	0.03	/	2	1709.994	-34.73	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

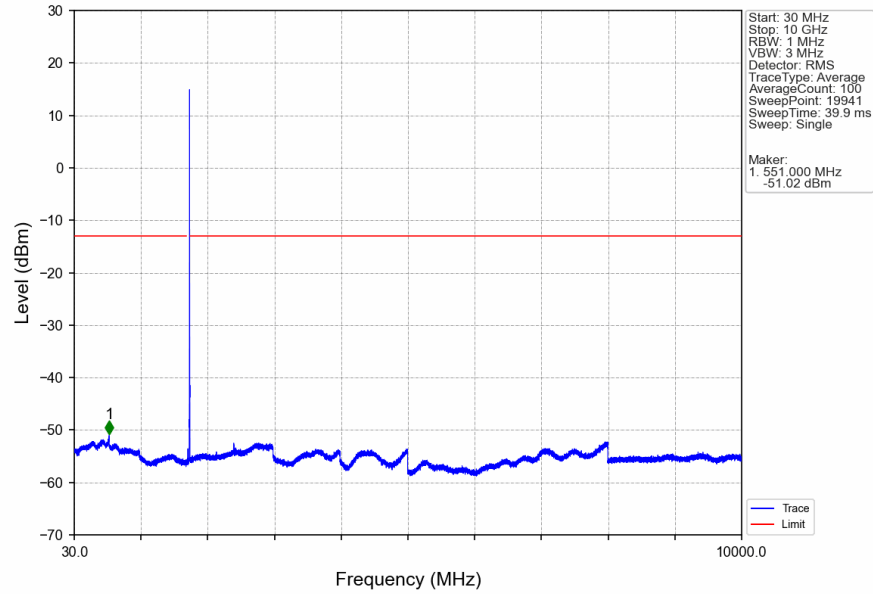
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



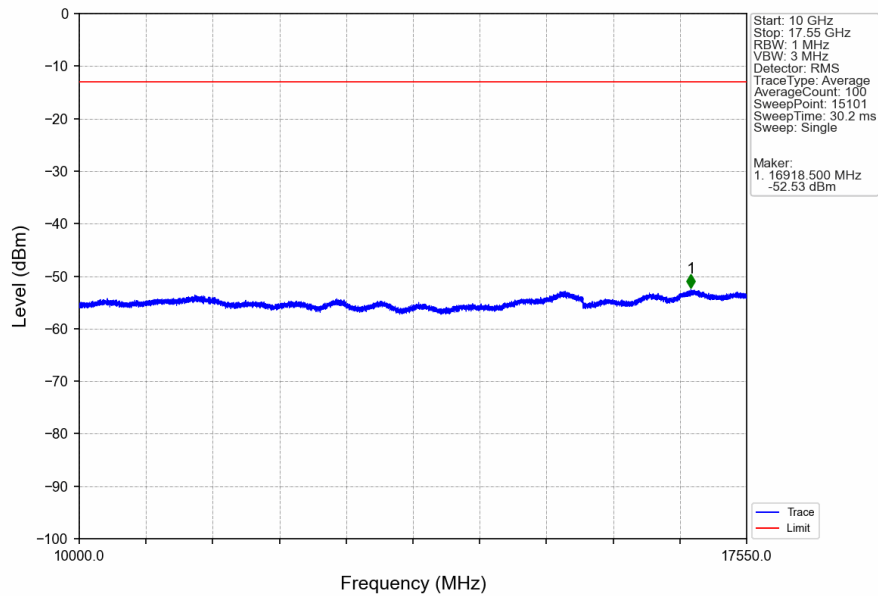
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



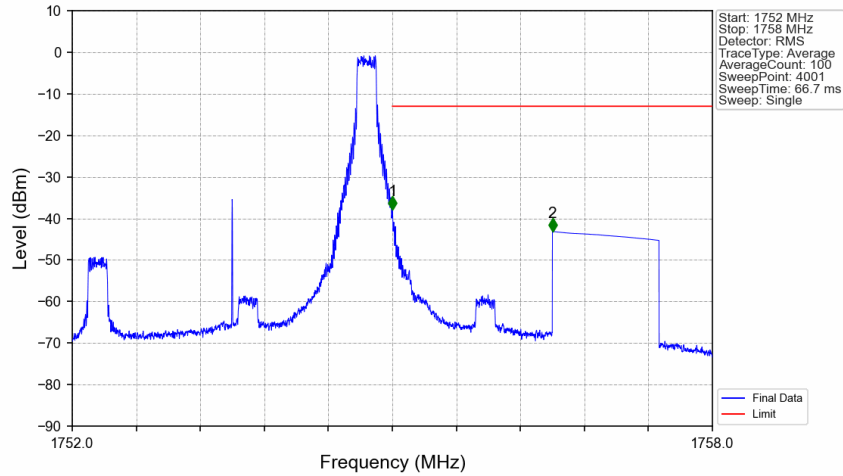
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

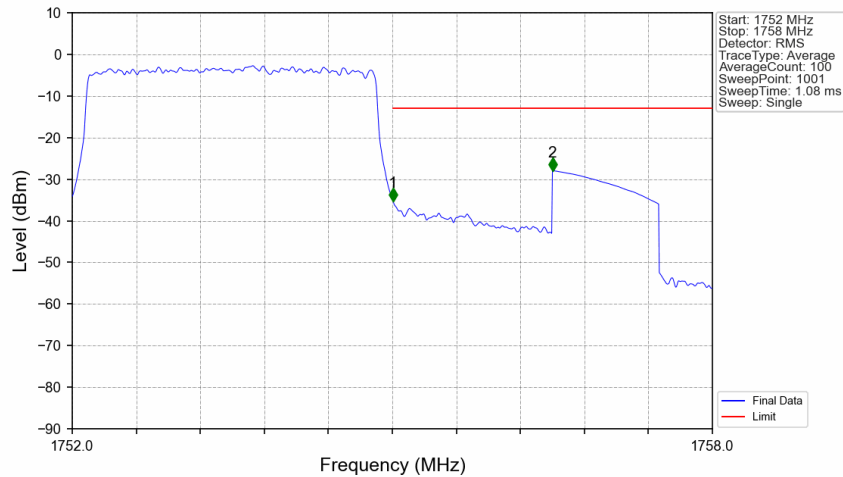


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-37.82	-13	Pass
1756	1758	1	CHP	2	1756.500	-43.14	-13	Pass

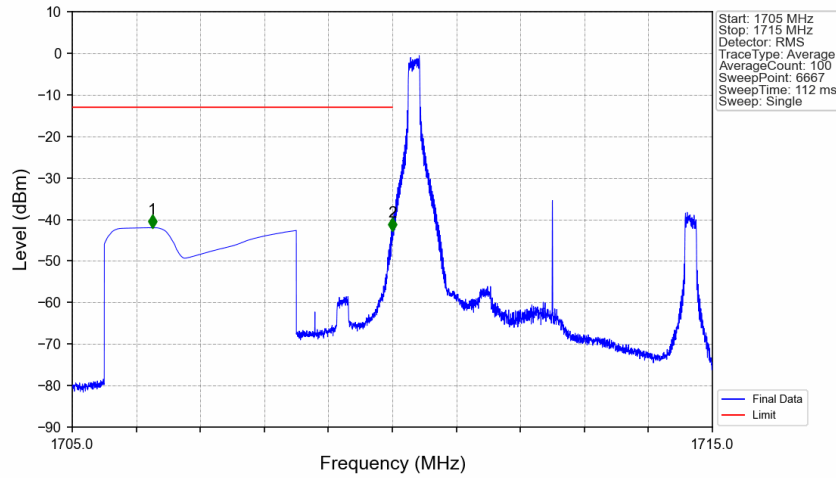
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



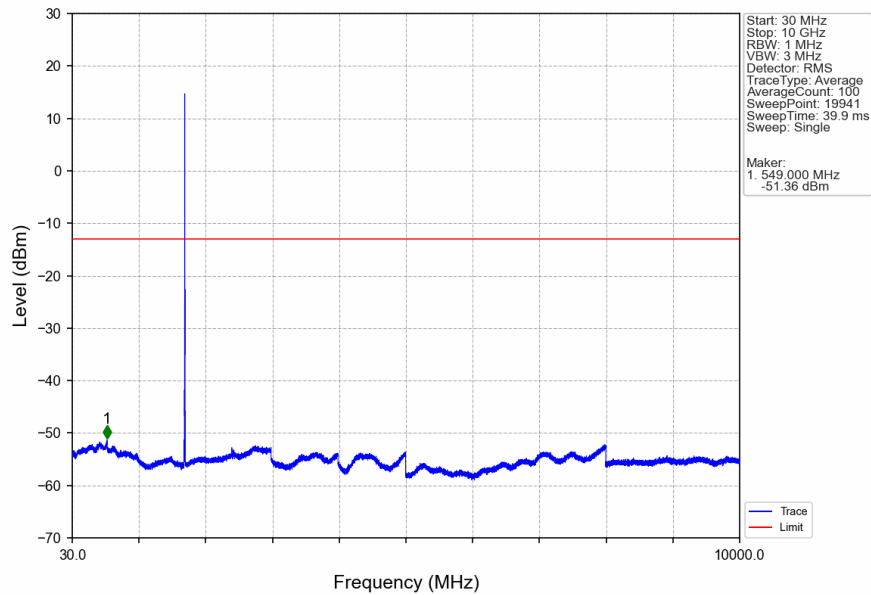
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.03	/	/	/	/	/	/
1755	1756	0.03	/	1	1755.006	-35.25	-13	Pass
1756	1758	1	CHP	2	1756.500	-27.93	-13	Pass

5.2.3 B4_5MHz

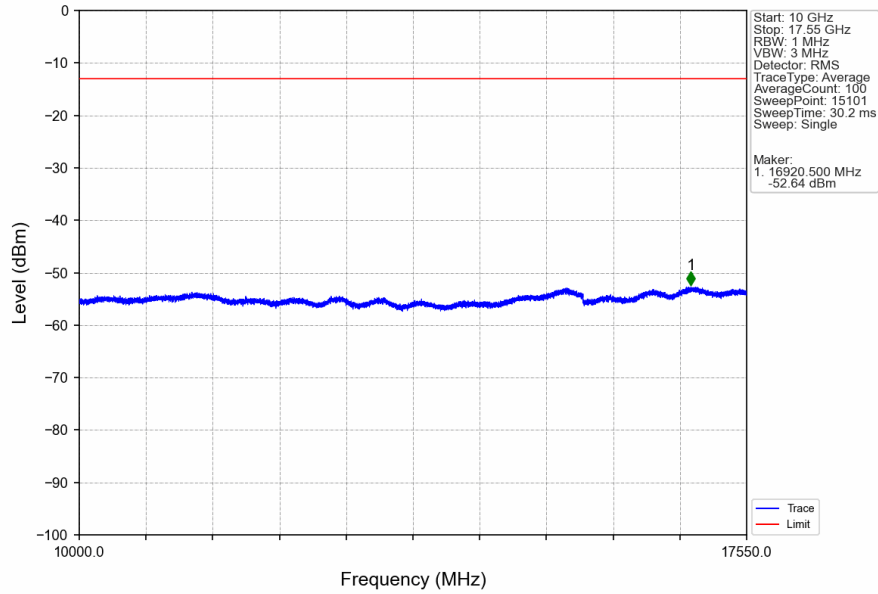
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



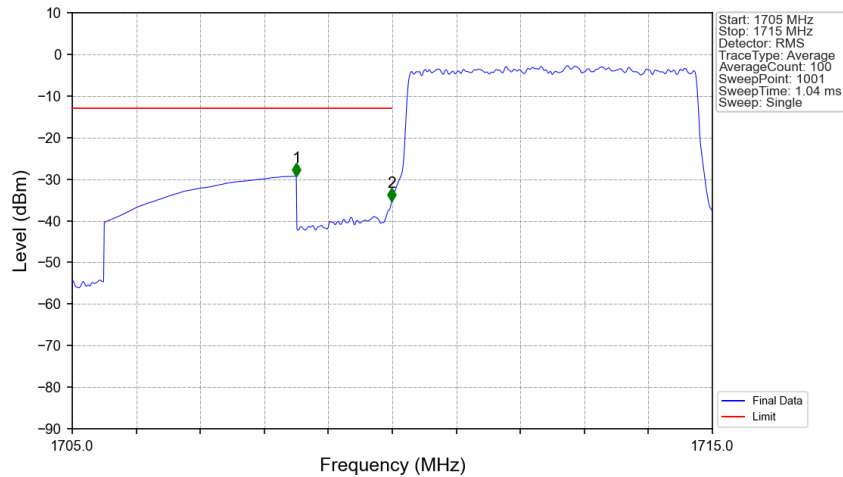
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

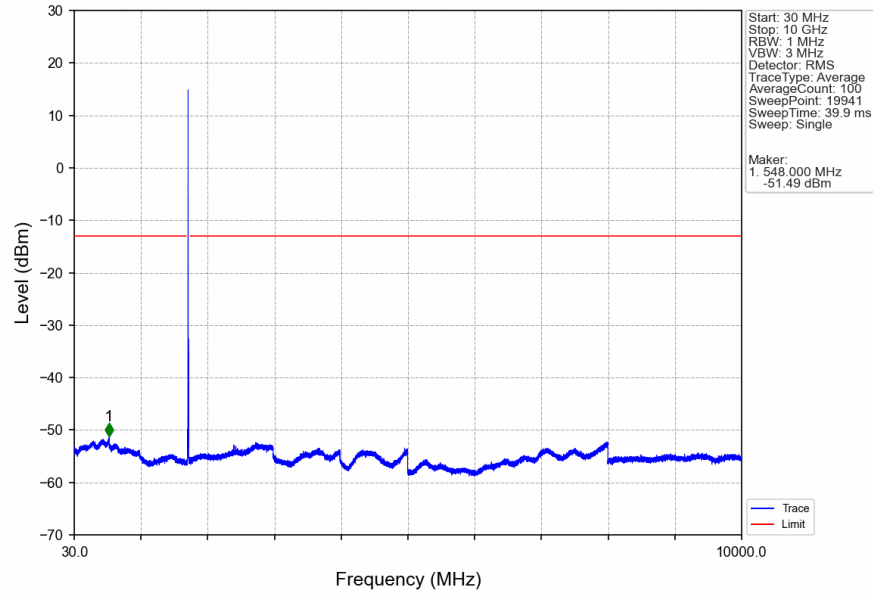


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

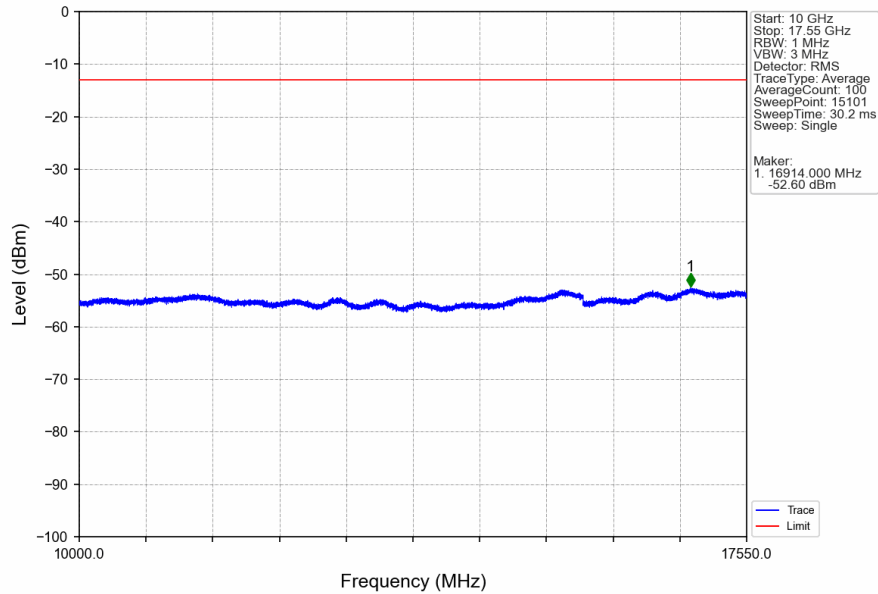


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-29.28	-13	Pass
1709	1710	0.05	/	2	1709.990	-35.30	-13	Pass
1710	1715	0.05	/	/	/	/	/	/

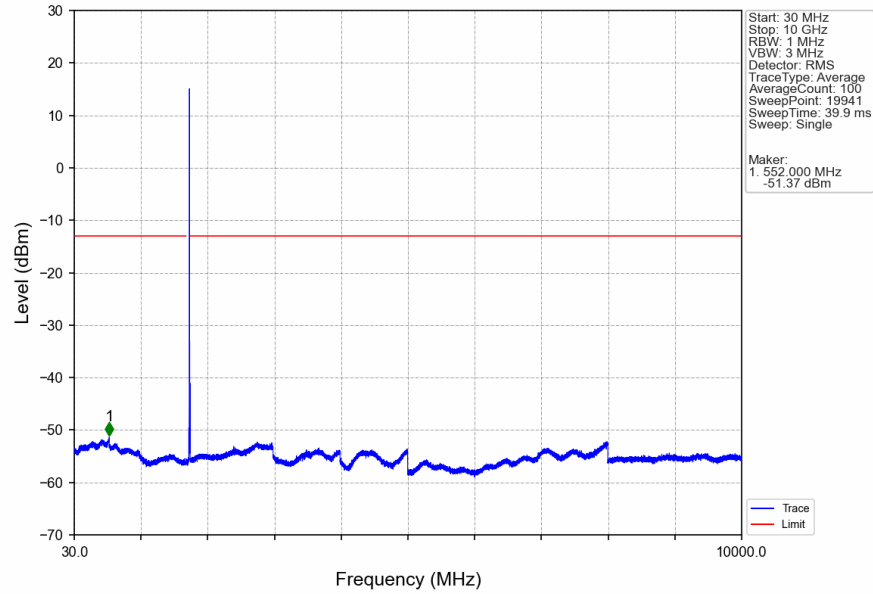
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



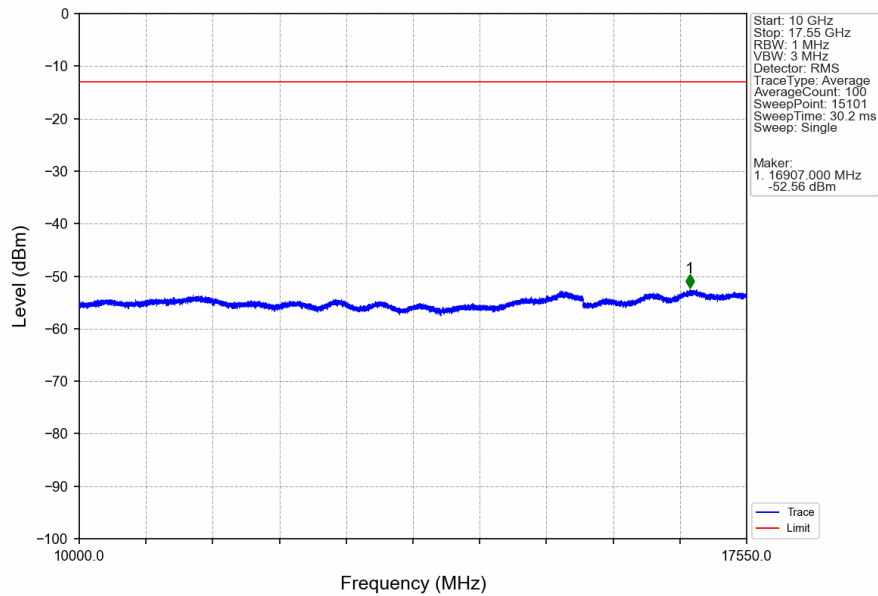
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



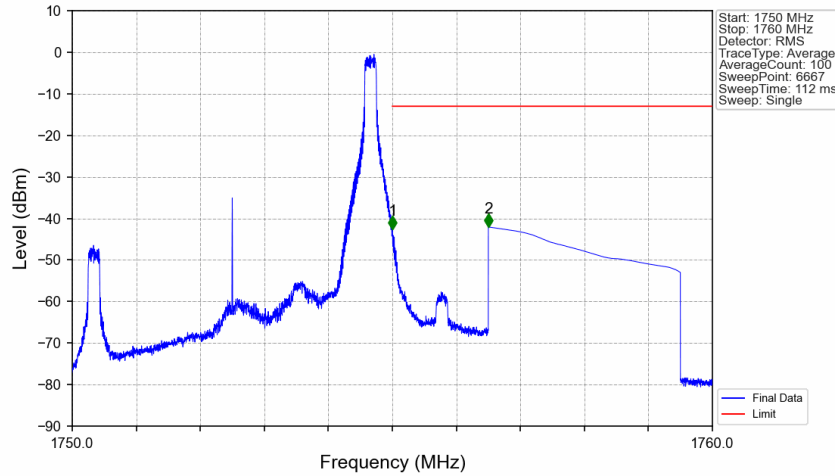
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

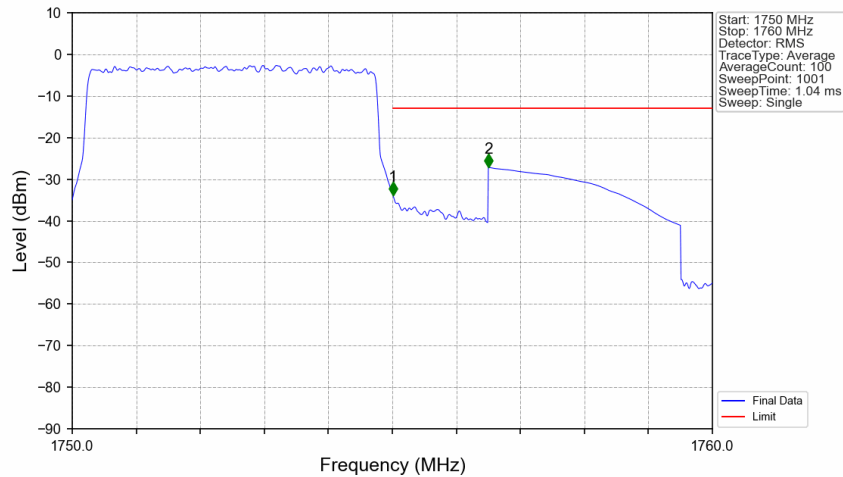


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-42.52	-13	Pass
1756	1760	1	CHP	2	1756.500	-42.05	-13	Pass

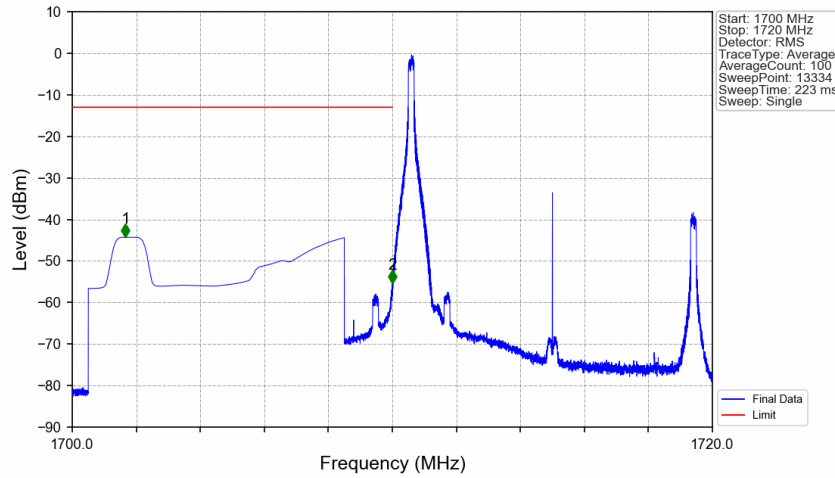
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



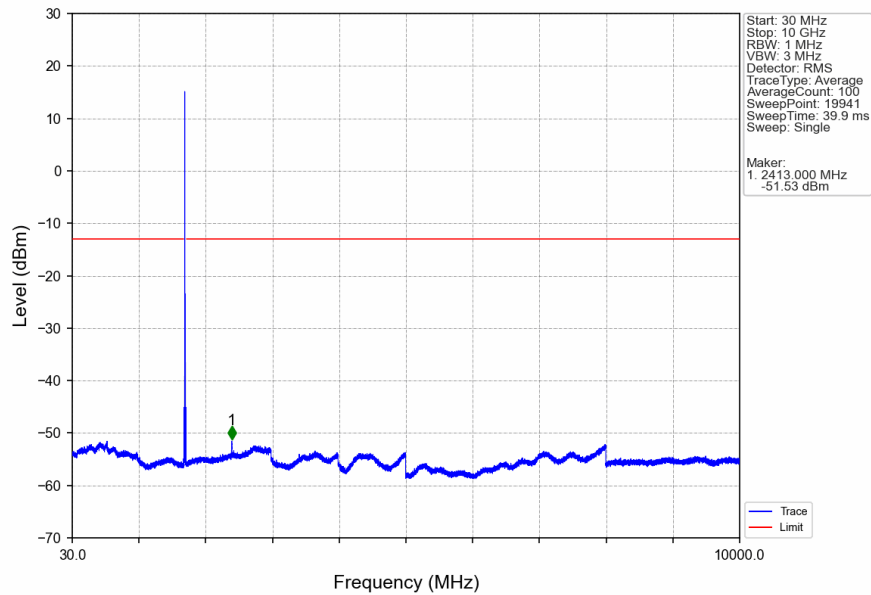
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1750	1755	0.05	/	/	/	/	/	/
1755	1756	0.05	/	1	1755.010	-33.82	-13	Pass
1756	1760	1	CHP	2	1756.500	-27.19	-13	Pass

5.2.4 B4_10MHz

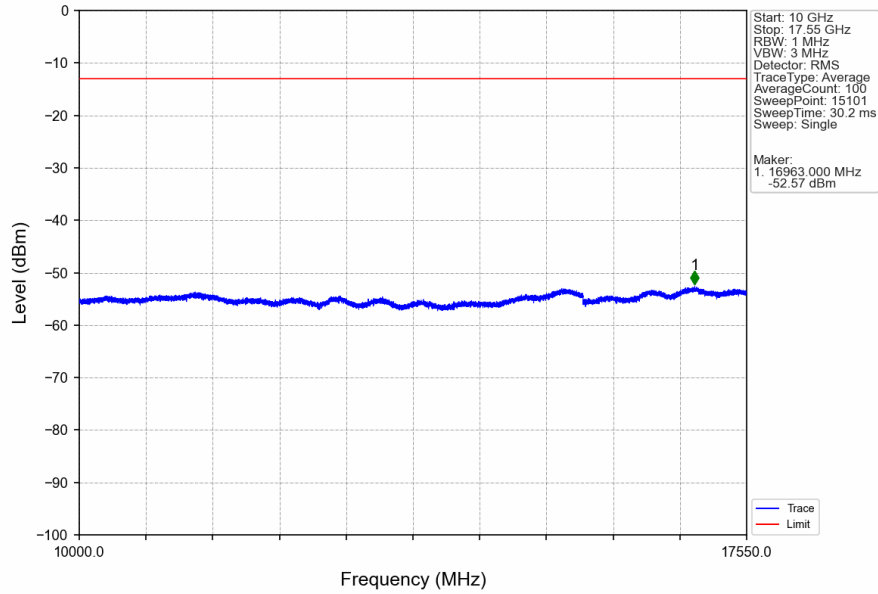
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



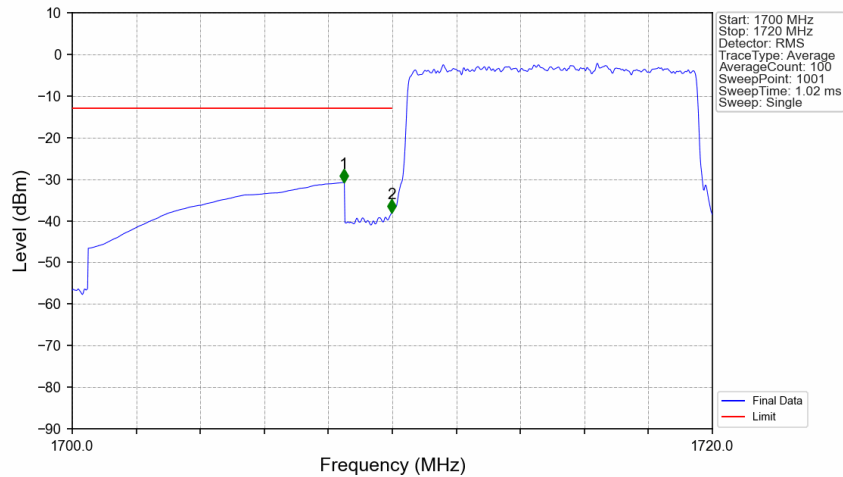
Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

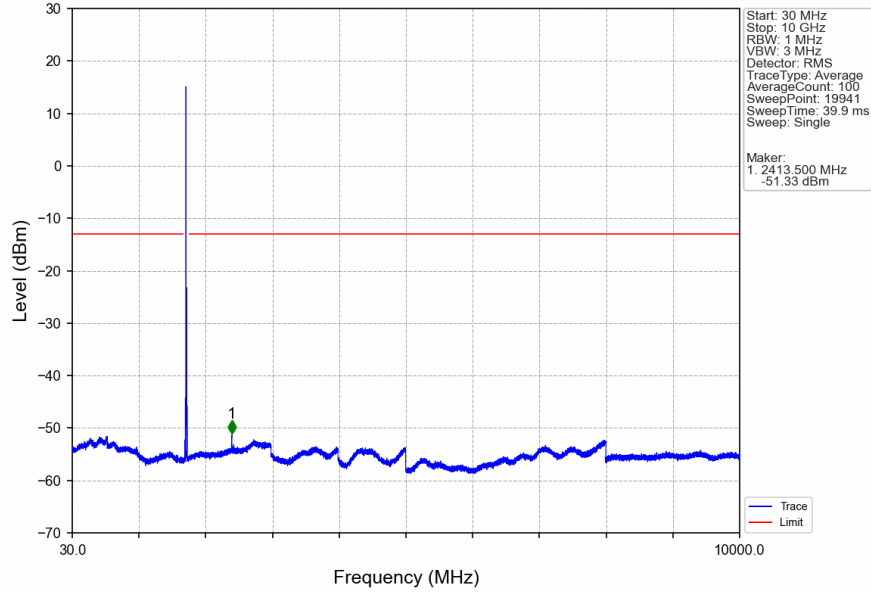


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

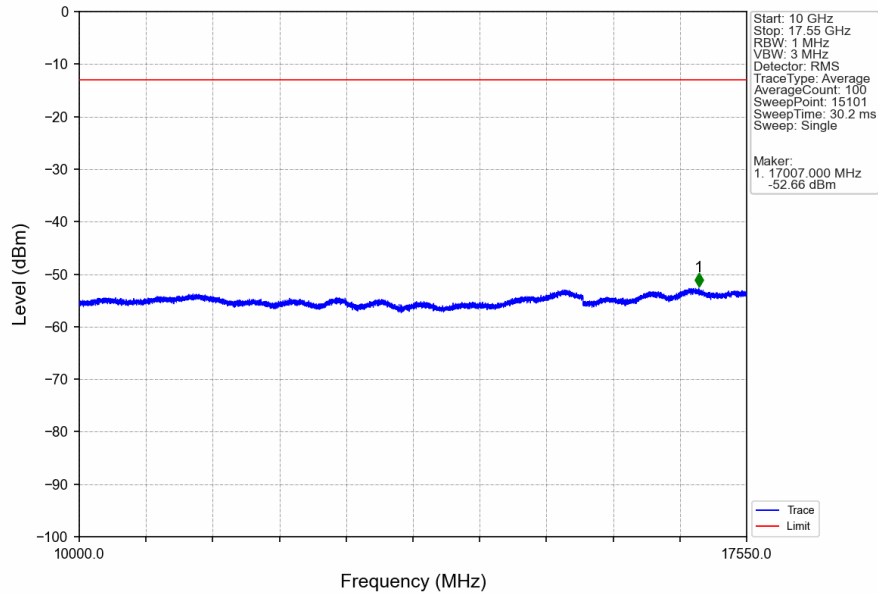


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.480	-30.80	-13	Pass
1709	1710	0.1	/	2	1709.980	-38.07	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

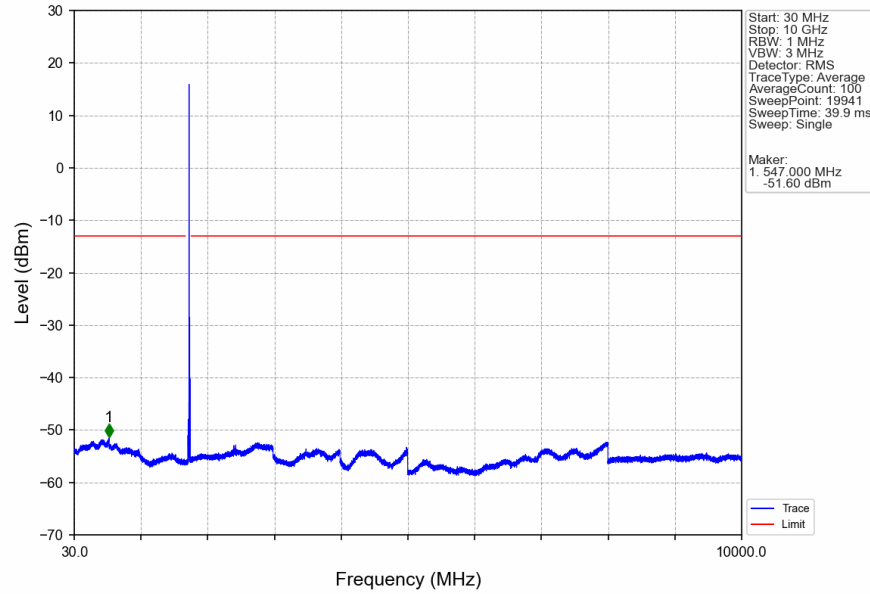
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



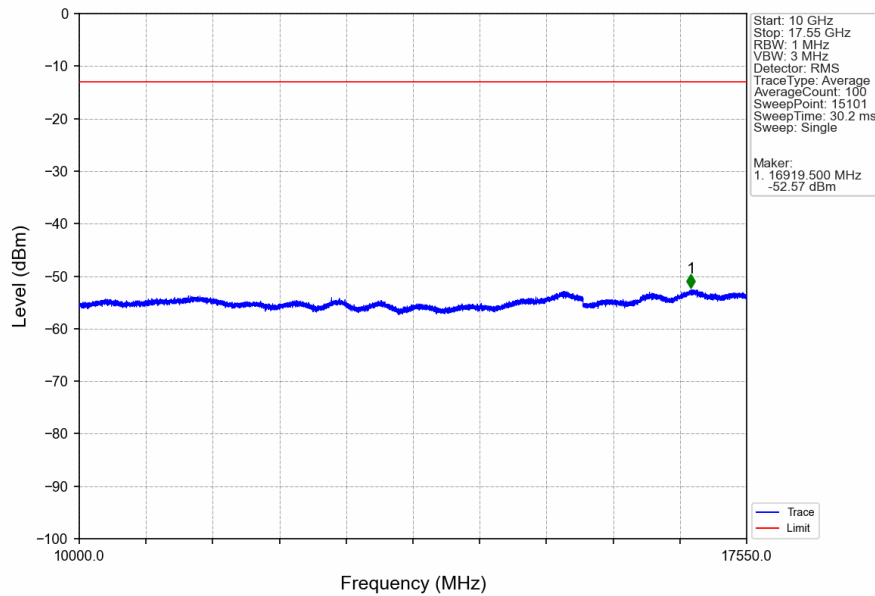
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



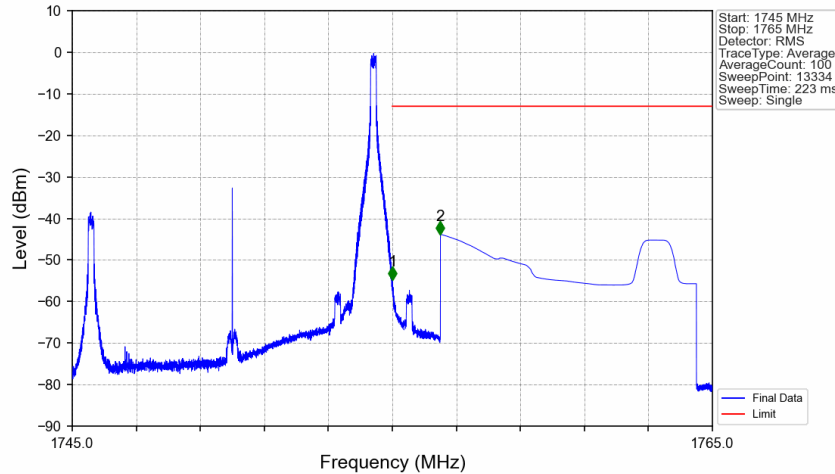
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

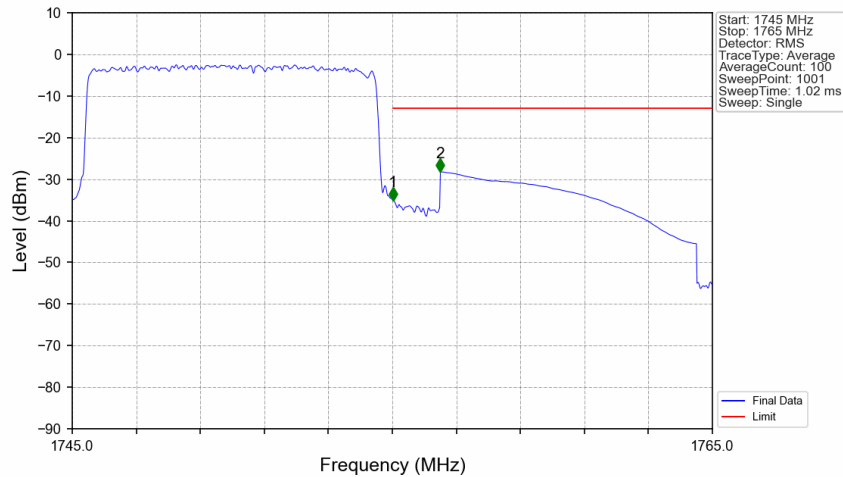


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



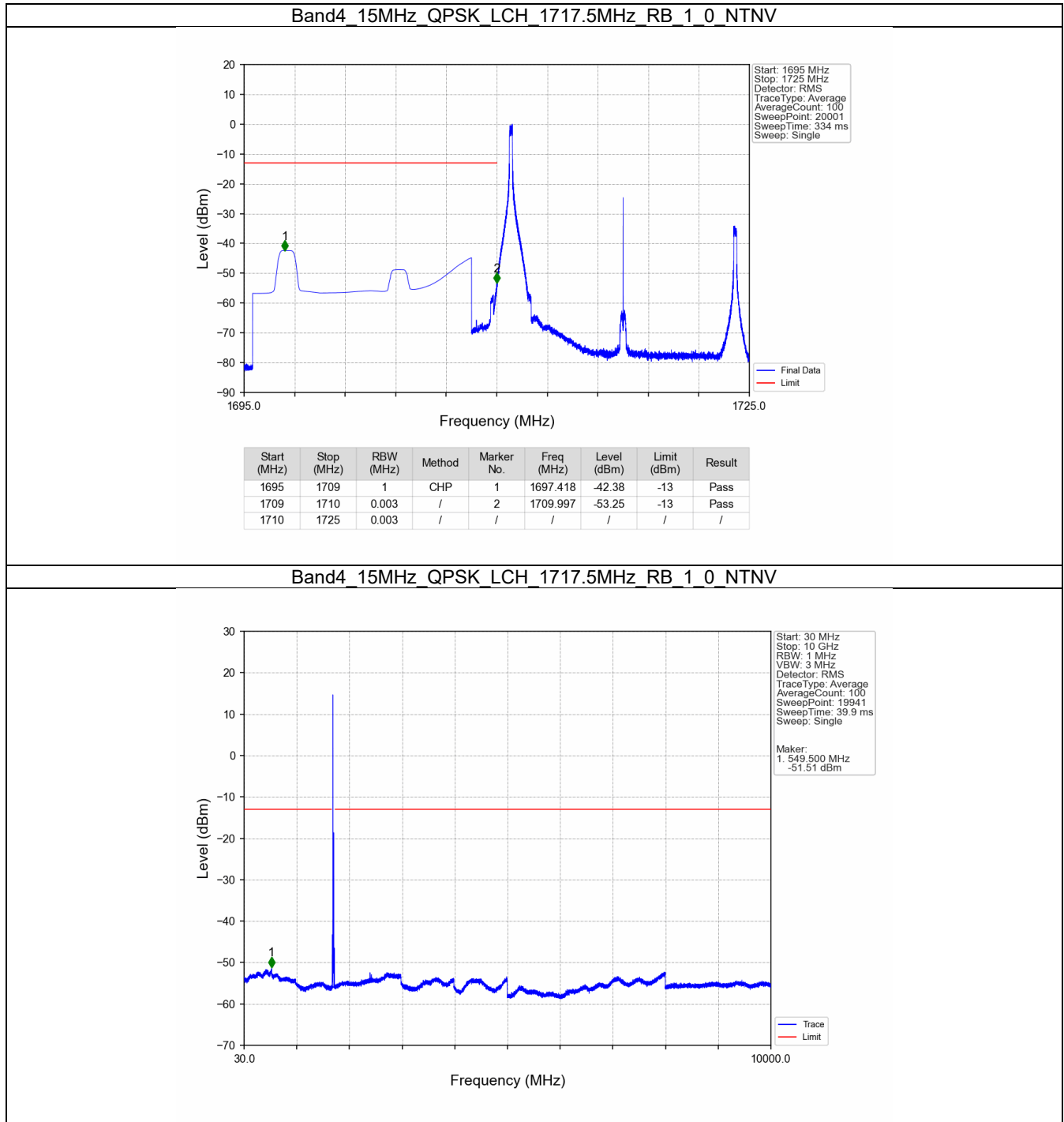
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.002	-54.78	-13	Pass
1756	1765	1	CHP	2	1756.501	-43.84	-13	Pass

Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV

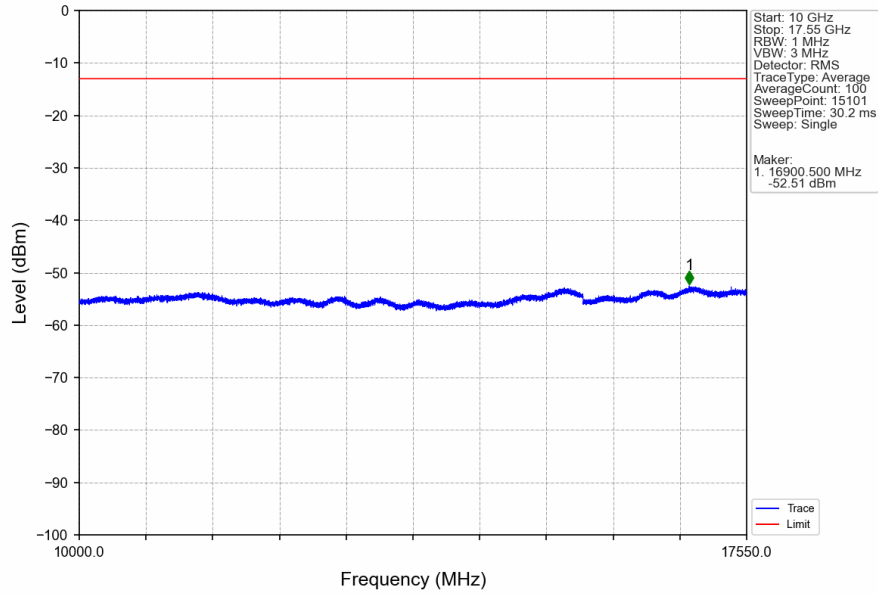


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1745	1755	0.1	/	/	/	/	/	/
1755	1756	0.1	/	1	1755.020	-35.14	-13	Pass
1756	1765	1	CHP	2	1756.500	-28.27	-13	Pass

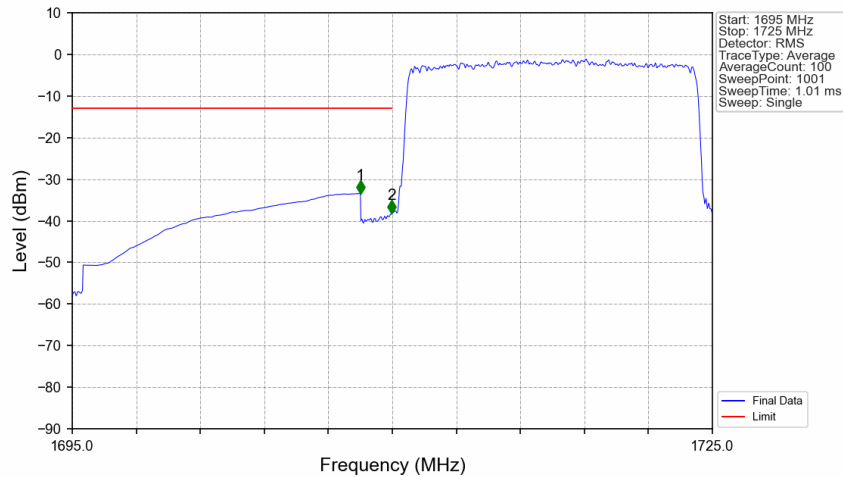
5.2.5 B4_15MHz



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

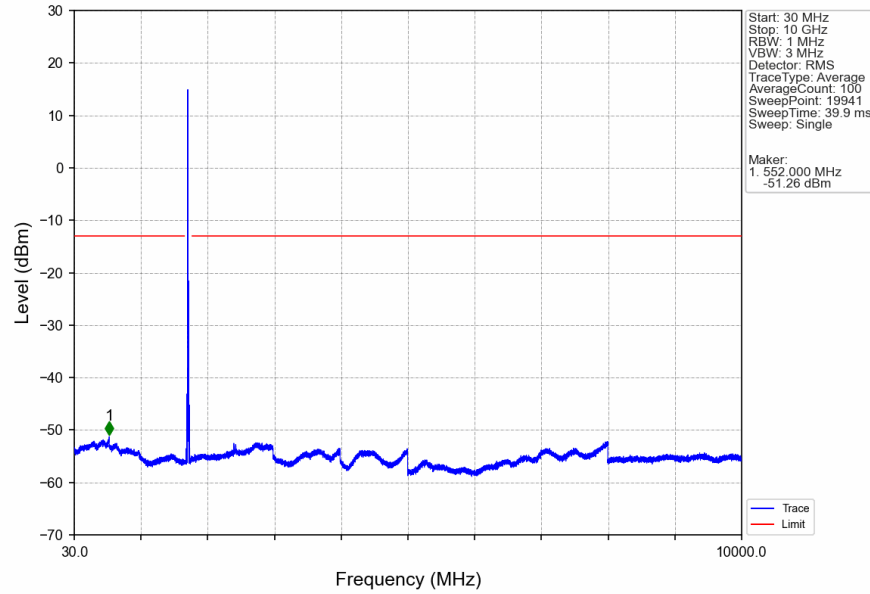


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

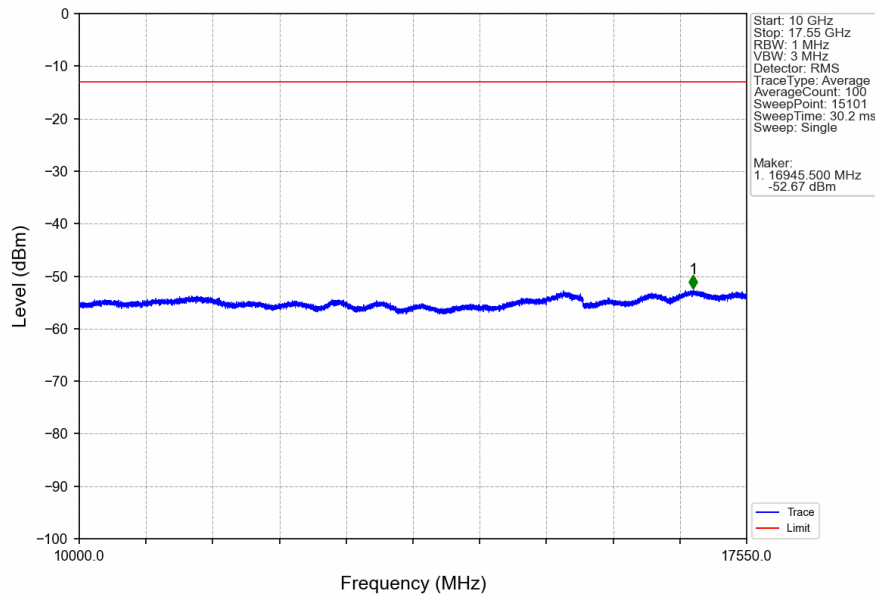


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-33.45	-13	Pass
1709	1710	0.2	/	2	1709.970	-38.26	-13	Pass
1710	1725	0.2	/	/	/	/	/	/

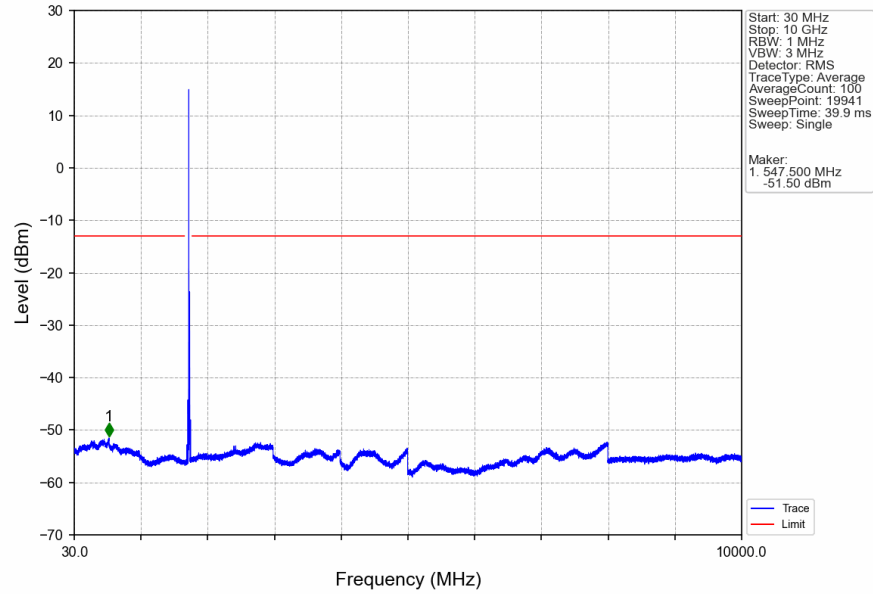
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



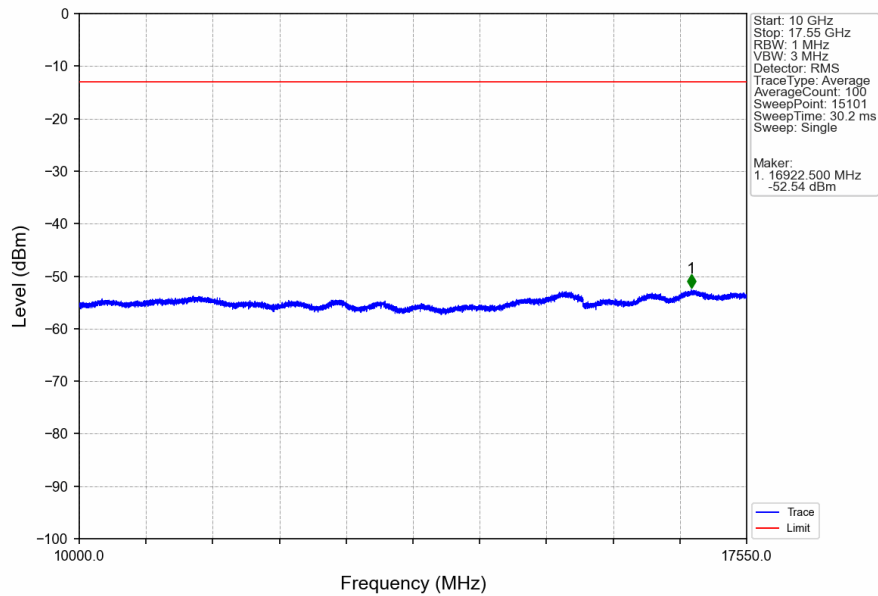
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



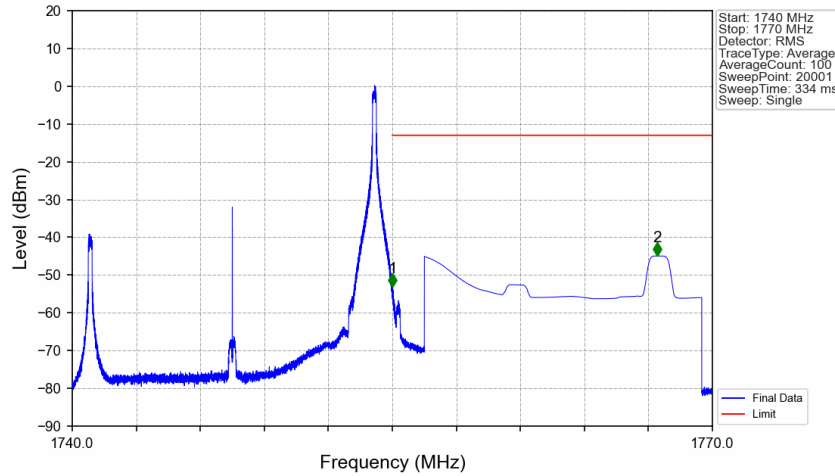
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV

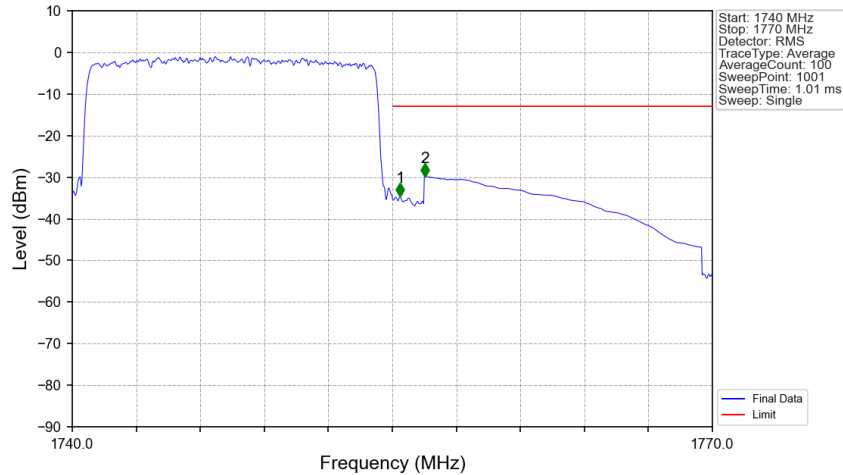


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-53.15	-13	Pass
1756	1770	1	CHP	2	1767.412	-44.95	-13	Pass

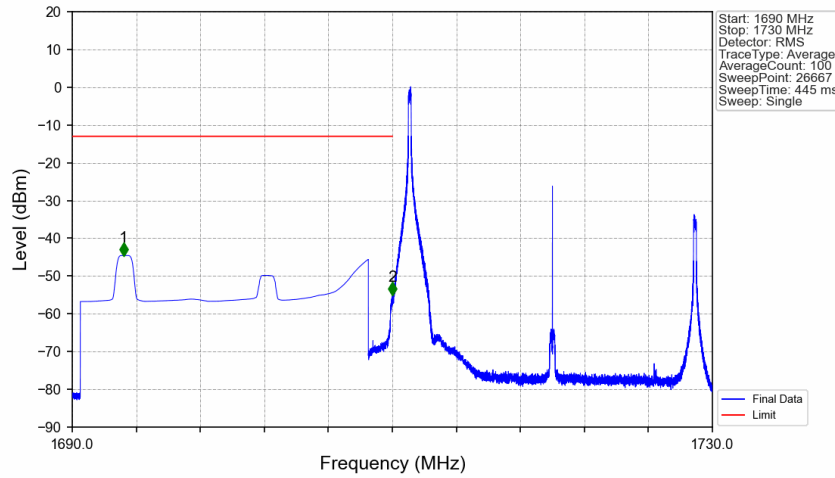
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1740	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.360	-34.64	-13	Pass
1756	1770	1	CHP	2	1756.530	-29.80	-13	Pass

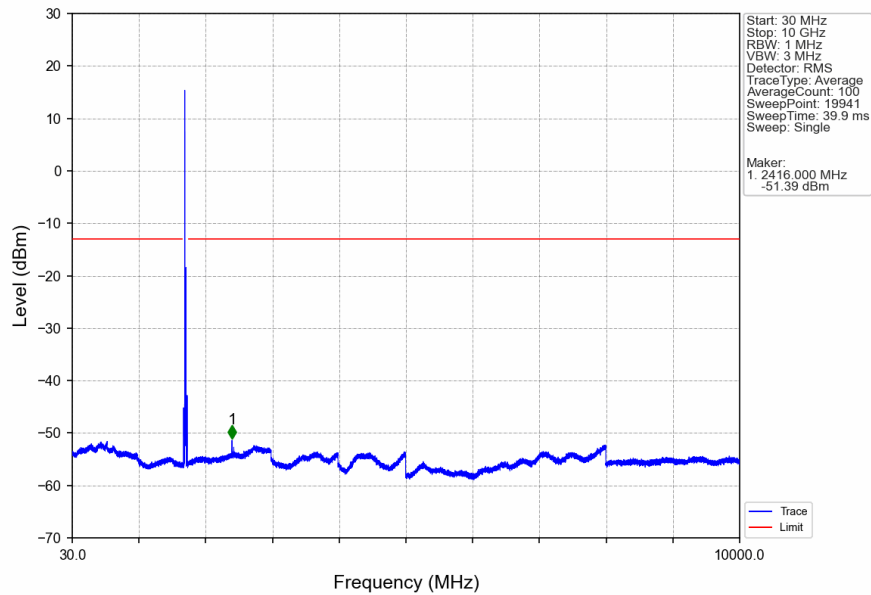
5.2.6 B4_20MHz

Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

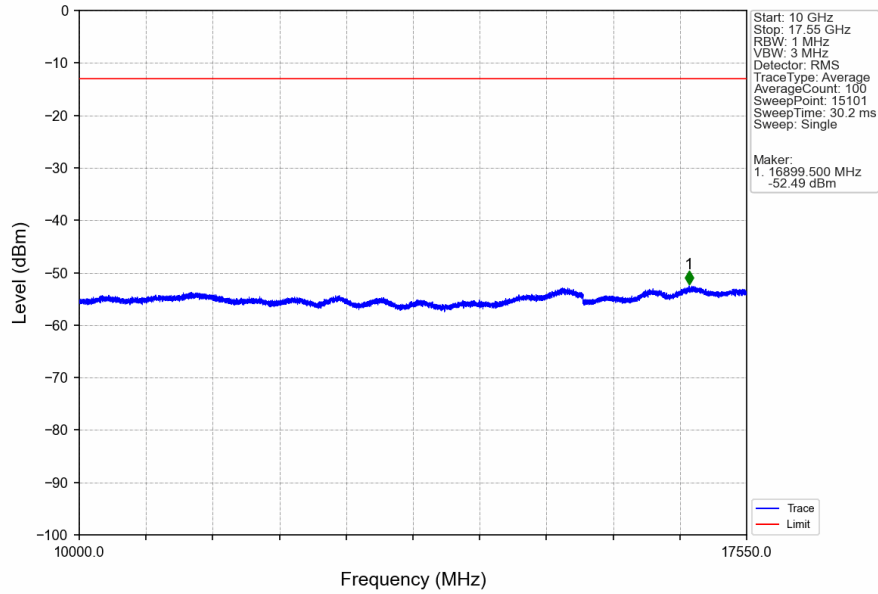


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1693.209	-44.57	-13	Pass
1709	1710	0.003	/	2	1709.993	-55.13	-13	Pass
1710	1730	0.003	/	/	/	/	/	/

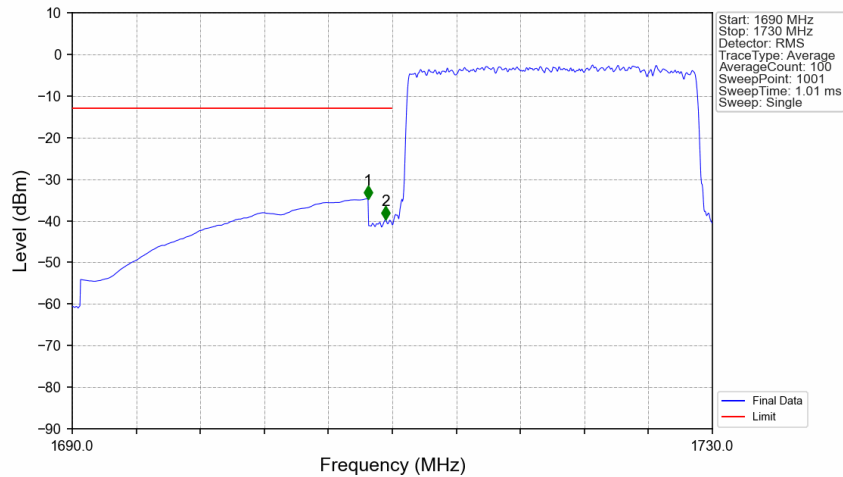
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

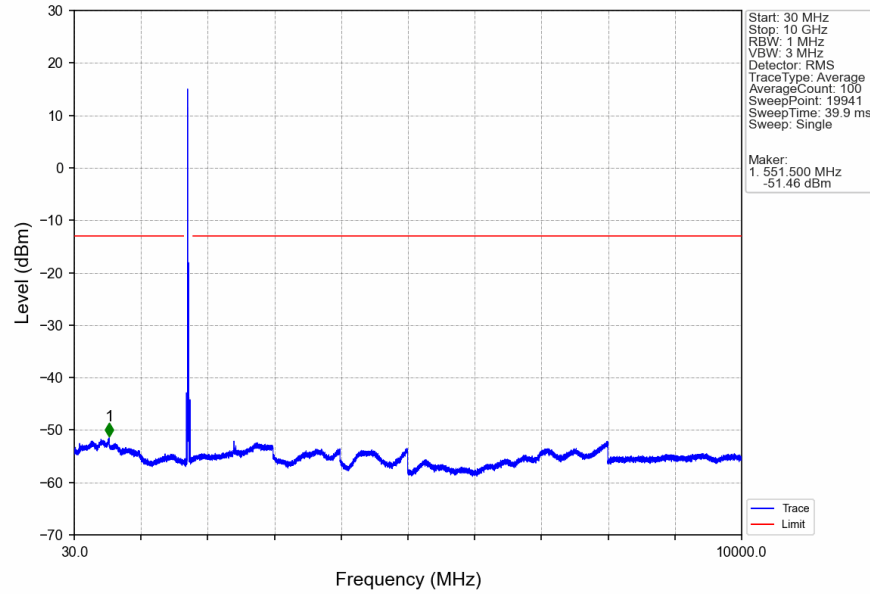


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

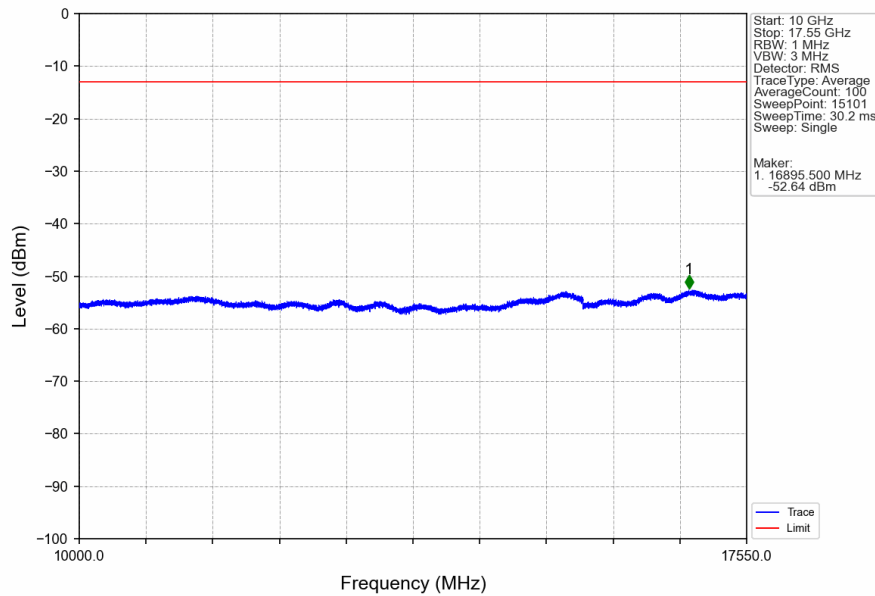


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-34.69	-13	Pass
1709	1710	0.2	/	2	1709.560	-39.70	-13	Pass
1710	1730	0.2	/	/	/	/	/	/

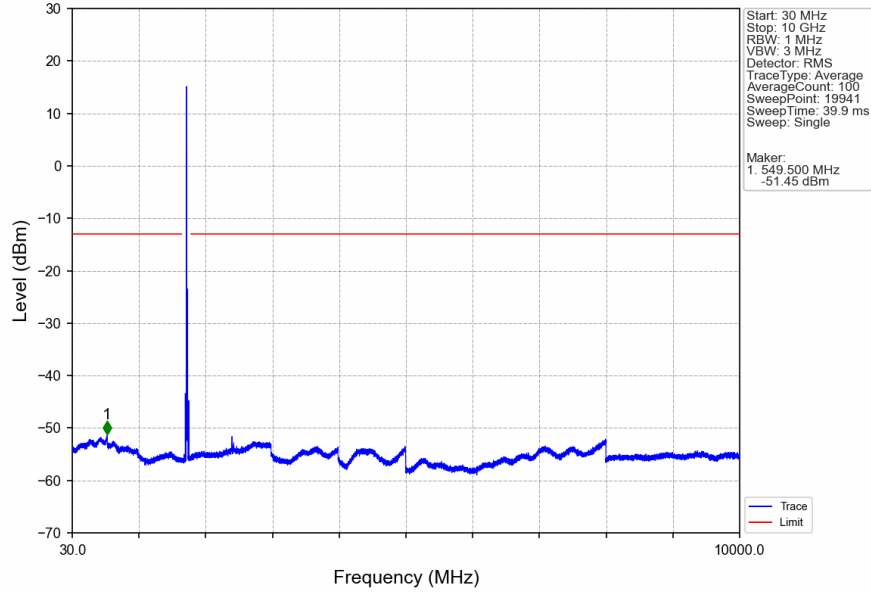
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



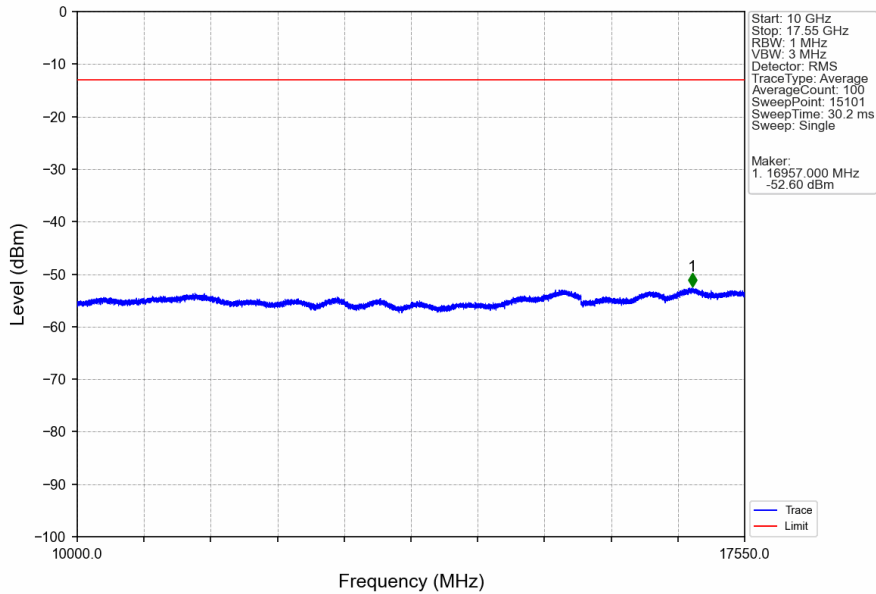
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



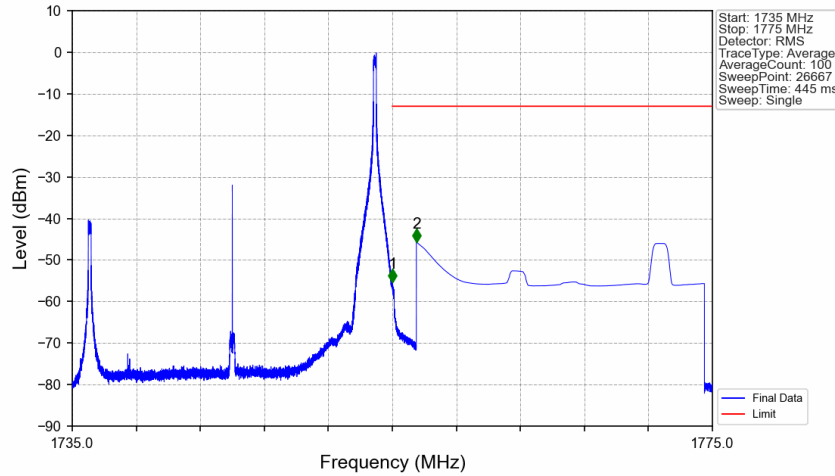
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV

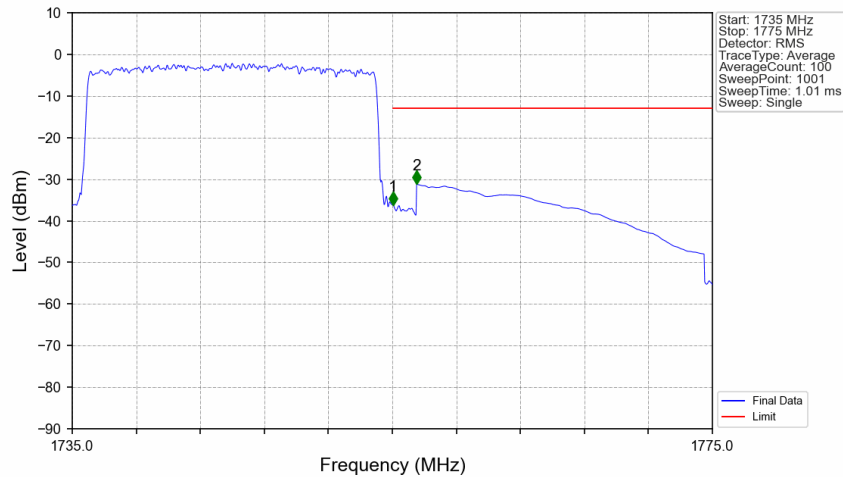


Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.005	-55.26	-13	Pass
1756	1775	1	CHP	2	1756.500	-45.69	-13	Pass

Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1735	1755	0.2	/	/	/	/	/	/
1755	1756	0.2	/	1	1755.040	-36.16	-13	Pass
1756	1775	1	CHP	2	1756.520	-31.19	-13	Pass

- End of the Appendix -