

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	23.21	1.21	24.42	<=30	Pass
			5	23.17	1.21	24.38	<=30	Pass
		6	0	22.11	1.21	23.32	<=30	Pass
	1745	1	0	23.18	1.21	24.39	<=30	Pass
			5	23.15	1.21	24.36	<=30	Pass
		6	0	22.02	1.21	23.23	<=30	Pass
	1779.3	1	0	22.75	1.21	23.96	<=30	Pass
			5	22.72	1.21	23.93	<=30	Pass
		6	0	21.73	1.21	22.94	<=30	Pass
16QAM	1710.7	1	0	22.09	1.21	23.30	<=30	Pass
			5	22.08	1.21	23.29	<=30	Pass
		6	0	21.17	1.21	22.38	<=30	Pass
	1745	1	0	22.05	1.21	23.26	<=30	Pass
			5	22.07	1.21	23.28	<=30	Pass
		6	0	21.08	1.21	22.29	<=30	Pass
	1779.3	1	0	21.85	1.21	23.06	<=30	Pass
			5	21.85	1.21	23.06	<=30	Pass
		6	0	20.68	1.21	21.89	<=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	23.18	1.21	24.39	<=30	Pass
			14	23.10	1.21	24.31	<=30	Pass
		15	0	22.18	1.21	23.39	<=30	Pass
	1745	1	0	23.08	1.21	24.29	<=30	Pass
			14	23.08	1.21	24.29	<=30	Pass
		15	0	22.11	1.21	23.32	<=30	Pass
	1778.5	1	0	22.79	1.21	24.00	<=30	Pass
			14	22.79	1.21	24.00	<=30	Pass
		15	0	21.78	1.21	22.99	<=30	Pass
16QAM	1711.5	1	0	22.38	1.21	23.59	<=30	Pass
			14	22.28	1.21	23.49	<=30	Pass
		15	0	21.19	1.21	22.40	<=30	Pass
	1745	1	0	22.25	1.21	23.46	<=30	Pass
			14	22.17	1.21	23.38	<=30	Pass
		15	0	20.99	1.21	22.20	<=30	Pass
	1778.5	1	0	21.68	1.21	22.89	<=30	Pass
			14	21.64	1.21	22.85	<=30	Pass
		15	0	20.78	1.21	21.99	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B66_5MHz_EIRP

Band: 66 / 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	23.32	1.21	24.53	<=30	Pass
			24	23.28	1.21	24.49	<=30	Pass
		25	0	22.23	1.21	23.44	<=30	Pass
	1745	1	0	23.29	1.21	24.50	<=30	Pass
			24	23.09	1.21	24.30	<=30	Pass
		25	0	22.10	1.21	23.31	<=30	Pass
	1777.5	1	0	22.82	1.21	24.03	<=30	Pass
			24	22.74	1.21	23.95	<=30	Pass
		25	0	21.76	1.21	22.97	<=30	Pass
16QAM	1712.5	1	0	22.52	1.21	23.73	<=30	Pass
			24	22.47	1.21	23.68	<=30	Pass
		25	0	21.21	1.21	22.42	<=30	Pass
	1745	1	0	22.41	1.21	23.62	<=30	Pass
			24	22.26	1.21	23.47	<=30	Pass
		25	0	21.06	1.21	22.27	<=30	Pass
	1777.5	1	0	22.08	1.21	23.29	<=30	Pass
			24	22.01	1.21	23.22	<=30	Pass
		25	0	20.81	1.21	22.02	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTVN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.60	1.21	23.81	<=30	Pass
			49	23.66	1.21	24.87	<=30	Pass
		50	0	22.26	1.21	23.47	<=30	Pass
	1745	1	0	22.57	1.21	23.78	<=30	Pass
			49	23.45	1.21	24.66	<=30	Pass
		50	0	22.06	1.21	23.27	<=30	Pass
	1775	1	0	22.16	1.21	23.37	<=30	Pass
			49	23.32	1.21	24.53	<=30	Pass
		50	0	21.82	1.21	23.03	<=30	Pass
16QAM	1715	1	0	21.76	1.21	22.97	<=30	Pass
			49	22.82	1.21	24.03	<=30	Pass
		50	0	21.27	1.21	22.48	<=30	Pass
	1745	1	0	21.64	1.21	22.85	<=30	Pass
			49	22.54	1.21	23.75	<=30	Pass
		50	0	21.11	1.21	22.32	<=30	Pass
	1775	1	0	20.94	1.21	22.15	<=30	Pass
			49	22.00	1.21	23.21	<=30	Pass
		50	0	20.69	1.21	21.90	<=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	

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	22.77	1.21	23.98	<=30	Pass
			99	23.34	1.21	24.55	<=30	Pass
		100	0	21.99	1.21	23.20	<=30	Pass
	1745	1	0	22.90	1.21	24.11	<=30	Pass
			99	23.22	1.21	24.43	<=30	Pass
		100	0	21.95	1.21	23.16	<=30	Pass
	1770	1	0	22.53	1.21	23.74	<=30	Pass
			99	22.92	1.21	24.13	<=30	Pass
		100	0	21.59	1.21	22.80	<=30	Pass
16QAM	1720	1	0	21.95	1.21	23.16	<=30	Pass
			99	22.50	1.21	23.71	<=30	Pass
		100	0	21.04	1.21	22.25	<=30	Pass
	1745	1	0	21.77	1.21	22.98	<=30	Pass
			99	22.03	1.21	23.24	<=30	Pass
		100	0	21.02	1.21	22.23	<=30	Pass
	1770	1	0	21.35	1.21	22.56	<=30	Pass
			99	21.77	1.21	22.98	<=30	Pass
		100	0	20.53	1.21	21.74	<=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	12	-0.973	-0.0006	-2.5 to 2.5	Pass
					24	-2.689	-0.0015	-2.5 to 2.5	Pass
					48	-0.129	-0.0001	-2.5 to 2.5	Pass
				-30	24	0.029	0.0000	-2.5 to 2.5	Pass
				-20	24	-1.459	-0.0008	-2.5 to 2.5	Pass
				-10	24	-0.386	-0.0002	-2.5 to 2.5	Pass
				0	24	-2.189	-0.0013	-2.5 to 2.5	Pass
				10	24	-2.360	-0.0014	-2.5 to 2.5	Pass
				30	24	-2.260	-0.0013	-2.5 to 2.5	Pass
				40	24	-2.518	-0.0014	-2.5 to 2.5	Pass
				50	24	-3.161	-0.0018	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

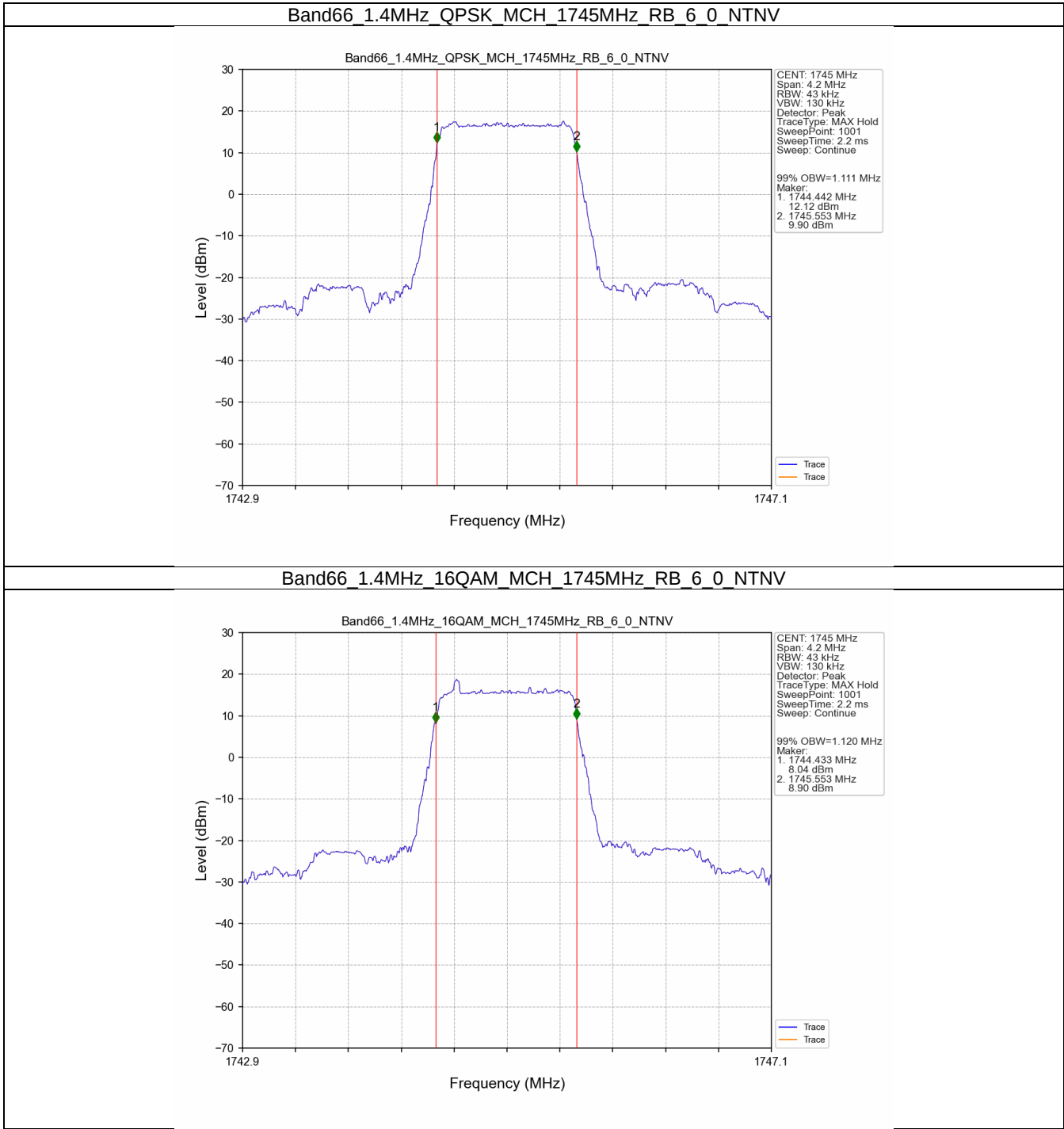
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.111	/	Pass
	16QAM	1745	6	0	1.120	/	Pass
3	QPSK	1745	15	0	2.745	/	Pass
	16QAM	1745	15	0	2.735	/	Pass
5	QPSK	1745	25	0	4.558	/	Pass
	16QAM	1745	25	0	4.540	/	Pass
10	QPSK	1745	50	0	9.050	/	Pass
	16QAM	1745	50	0	9.054	/	Pass
15	QPSK	1745	75	0	13.618	/	Pass
	16QAM	1745	75	0	13.597	/	Pass
20	QPSK	1745	100	0	18.163	/	Pass
	16QAM	1745	100	0	18.109	/	Pass

3.1.2 Band66_XDB

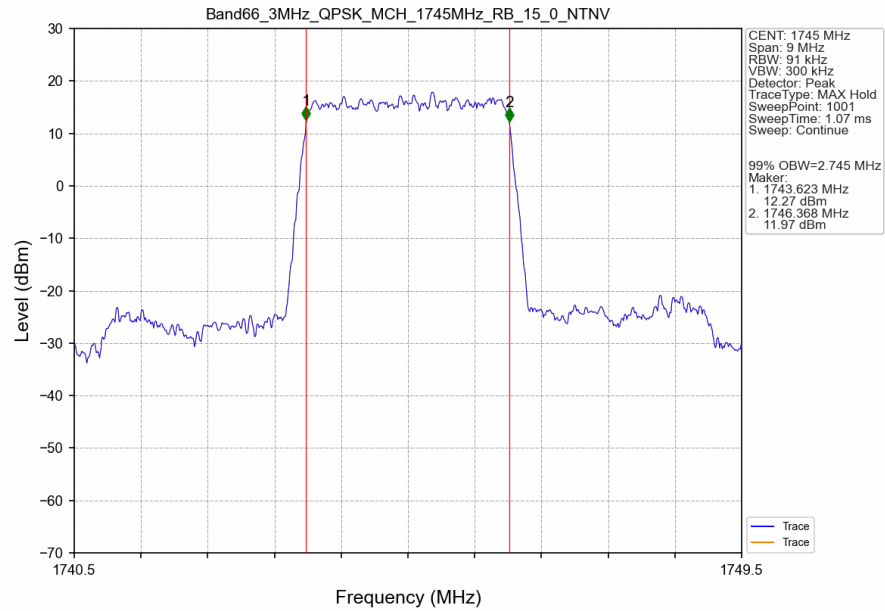
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.326	/	Pass
	16QAM	1745	6	0	1.316	/	Pass
3	QPSK	1745	15	0	3.056	/	Pass
	16QAM	1745	15	0	3.065	/	Pass
5	QPSK	1745	25	0	5.100	/	Pass
	16QAM	1745	25	0	5.070	/	Pass
10	QPSK	1745	50	0	10.126	/	Pass
	16QAM	1745	50	0	10.046	/	Pass
15	QPSK	1745	75	0	15.099	/	Pass
	16QAM	1745	75	0	15.037	/	Pass
20	QPSK	1745	100	0	19.822	/	Pass
	16QAM	1745	100	0	19.830	/	Pass

3.2 Test Graph

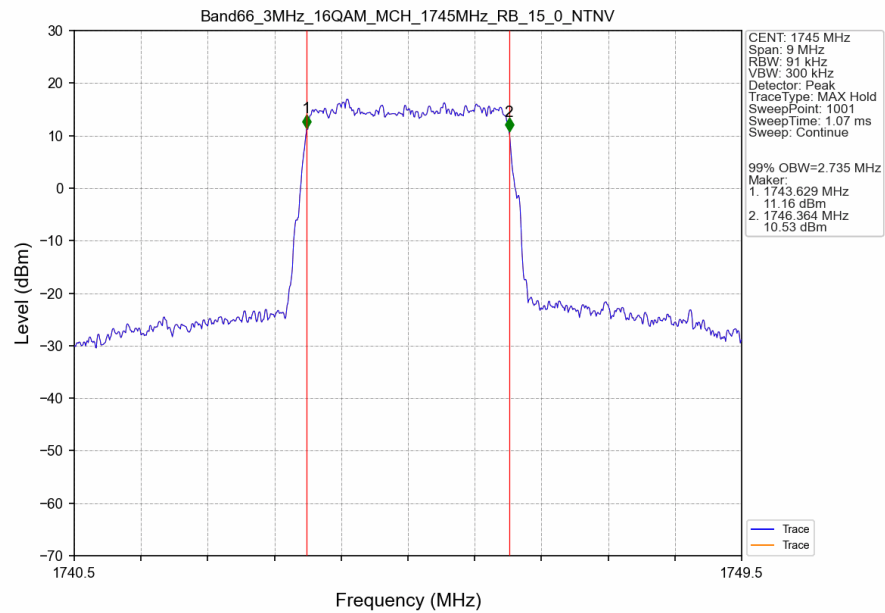
3.2.1 Band66_OBW



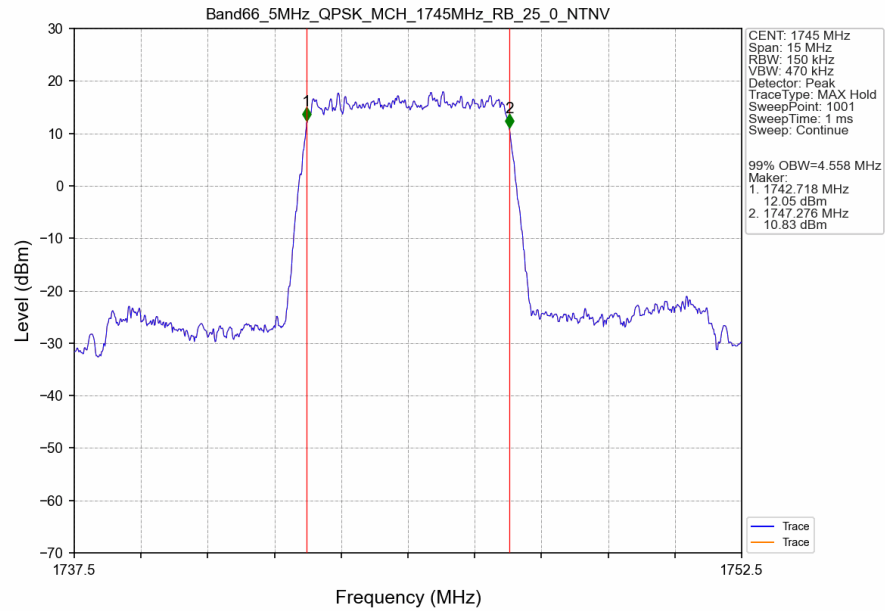
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



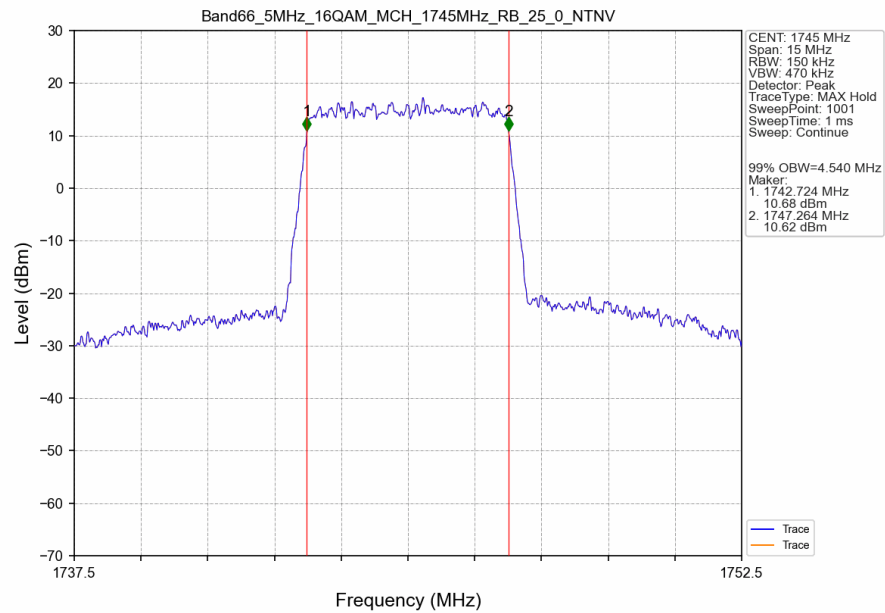
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



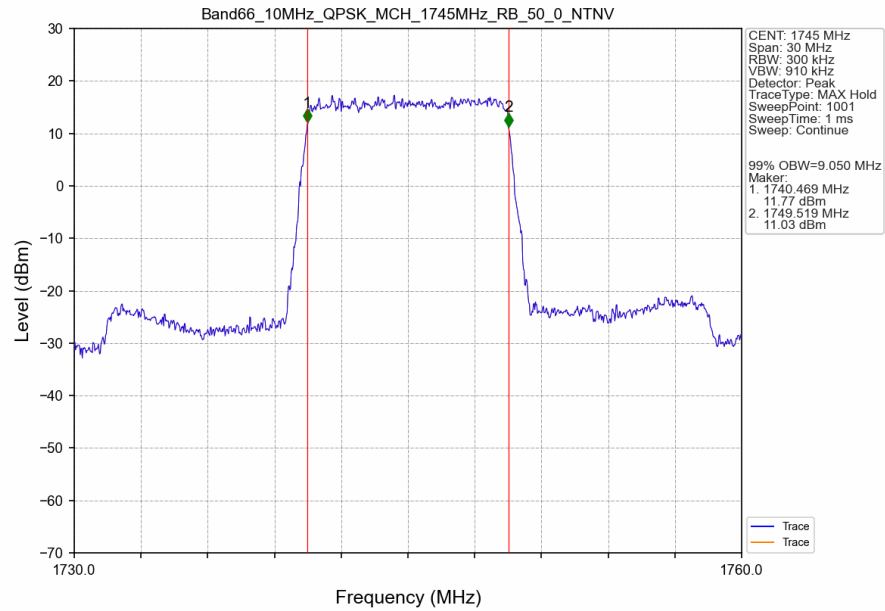
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



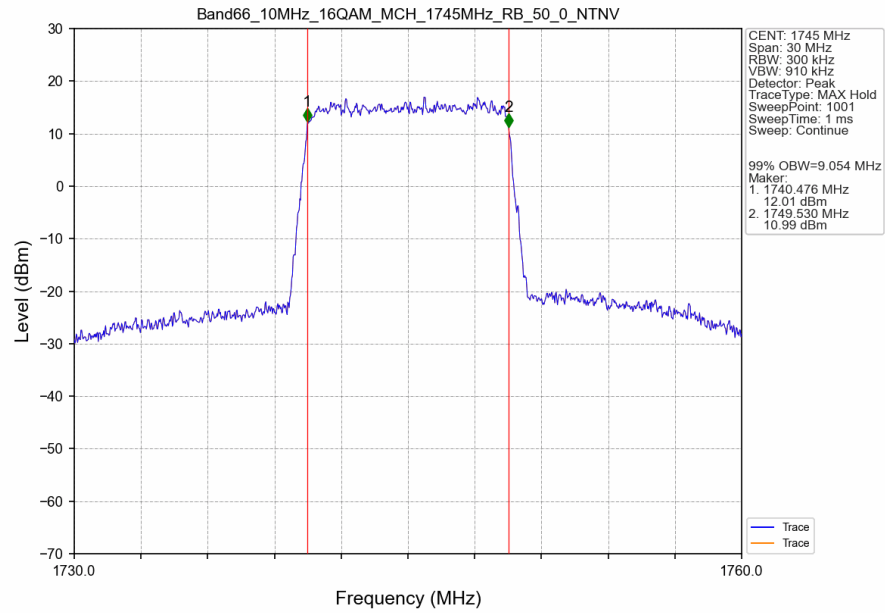
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



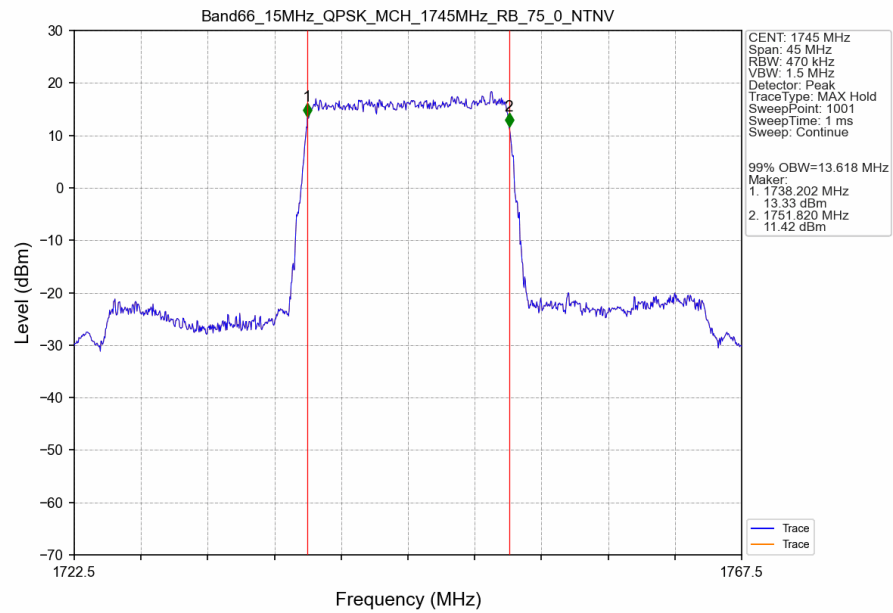
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



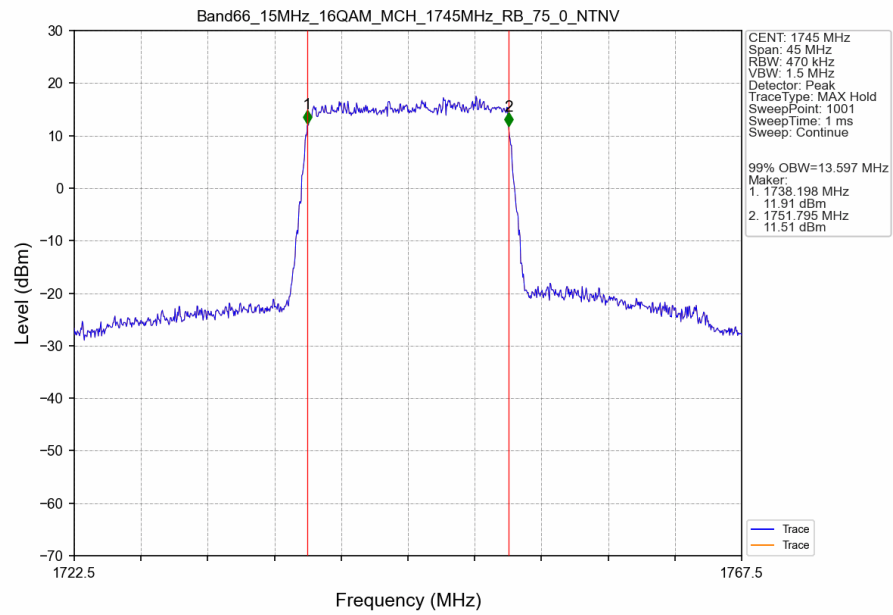
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTV



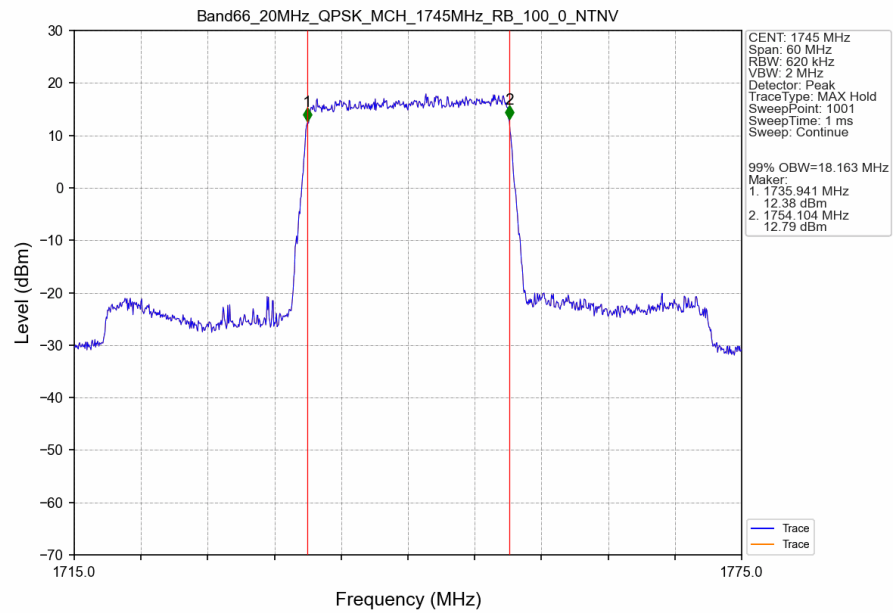
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



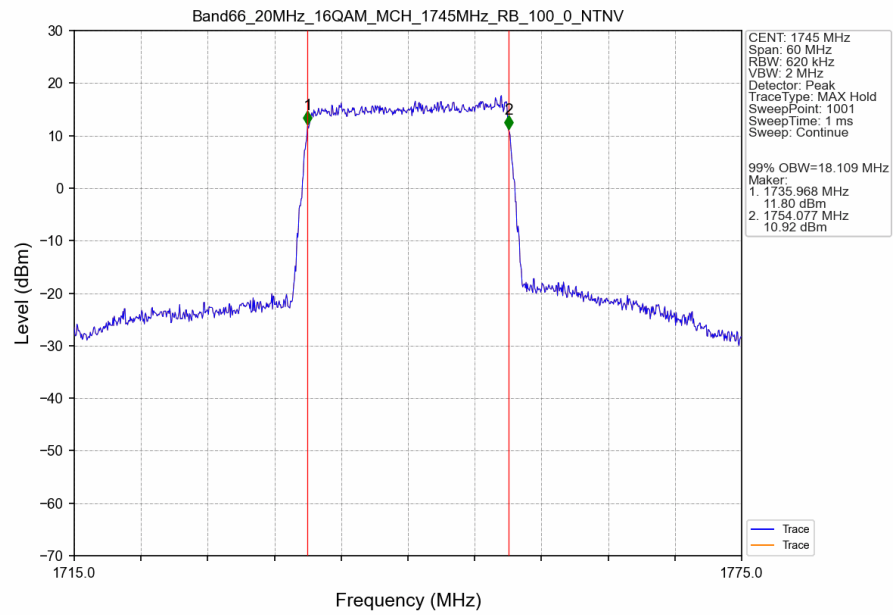
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



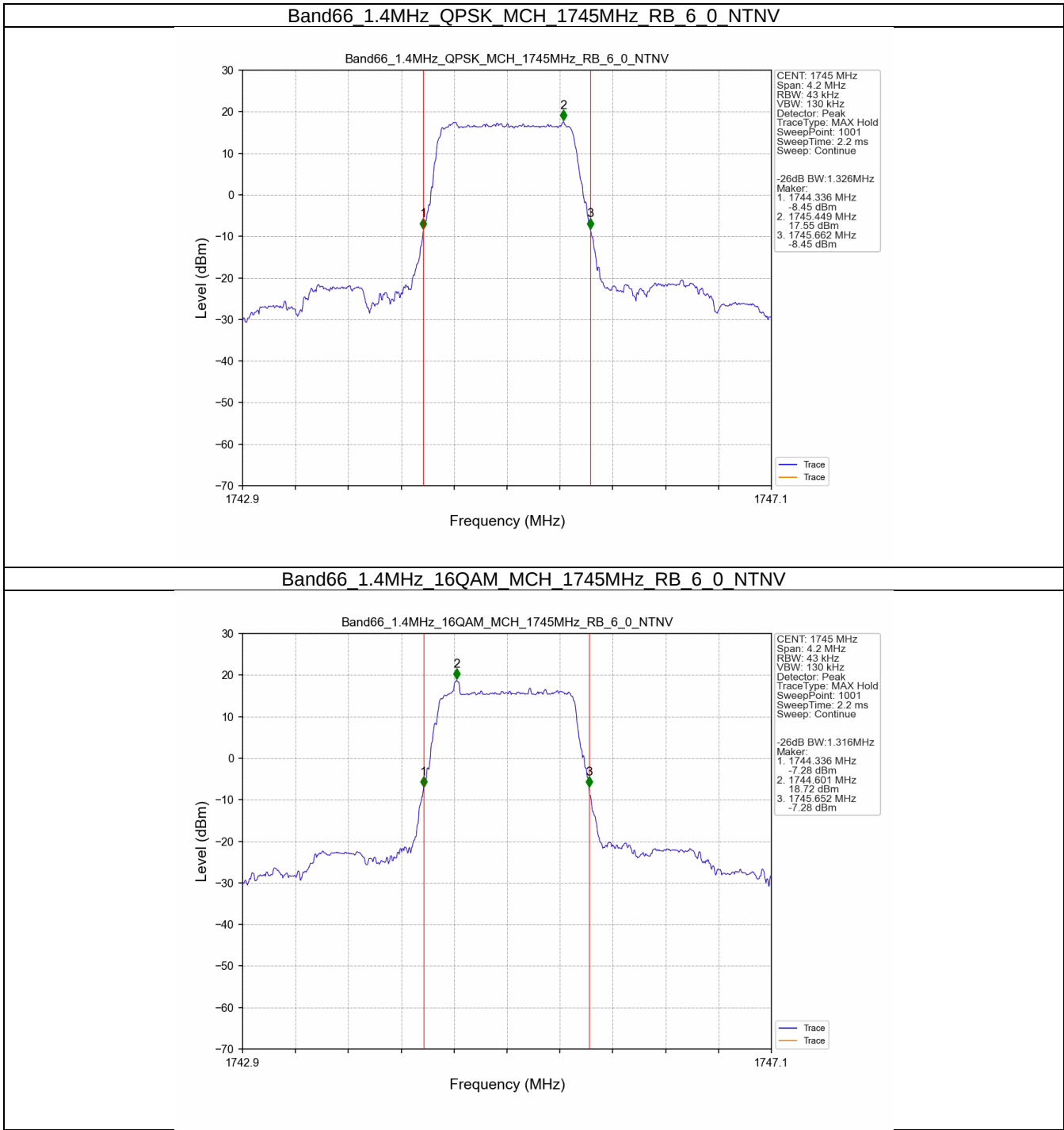
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



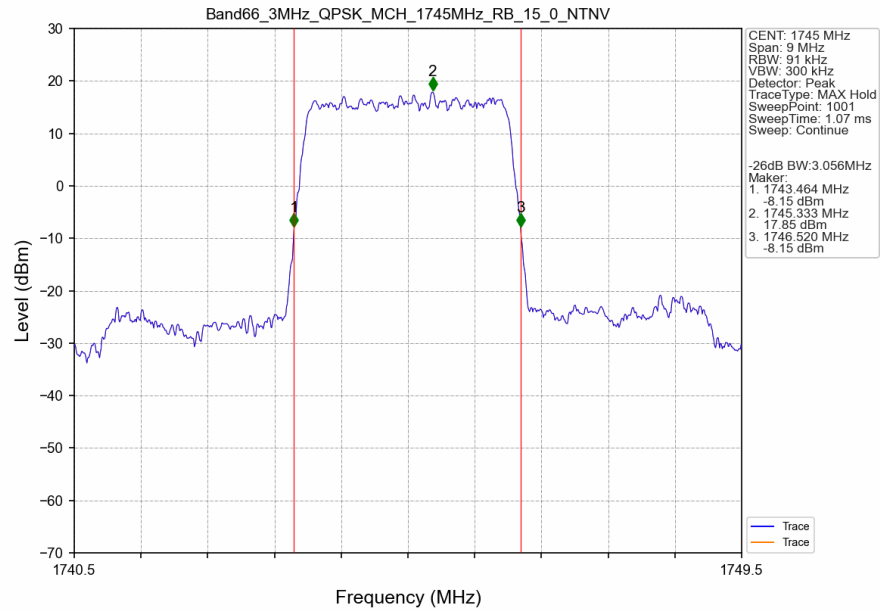
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTV



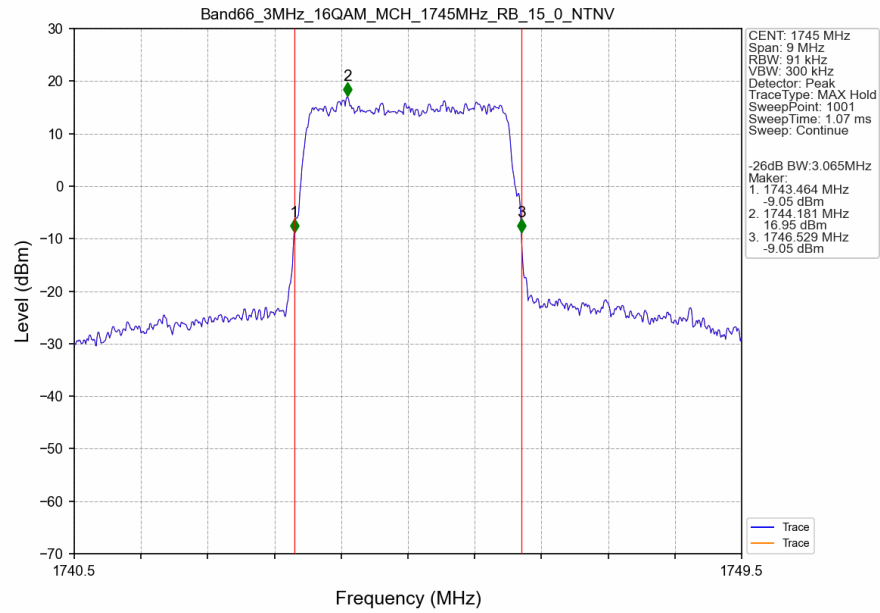
3.2.2 Band66_XDB



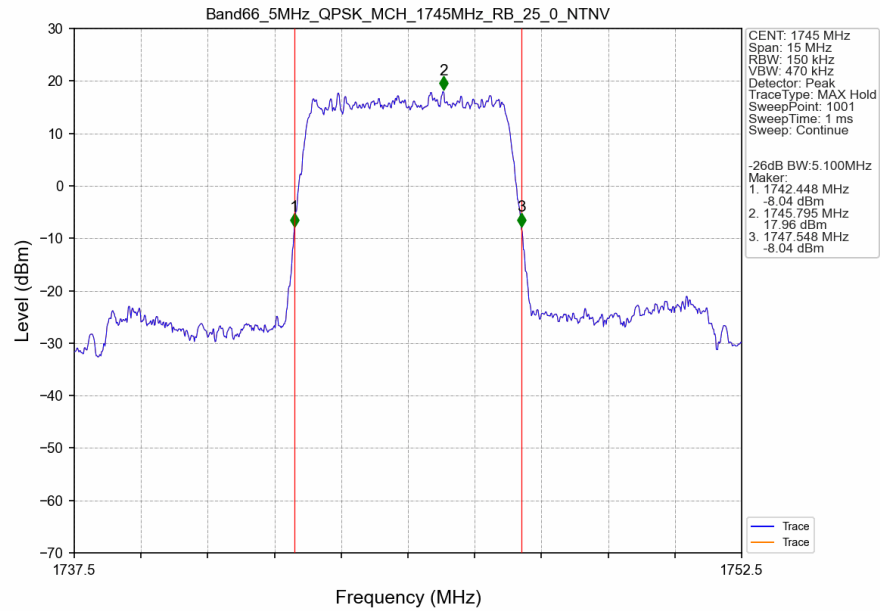
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



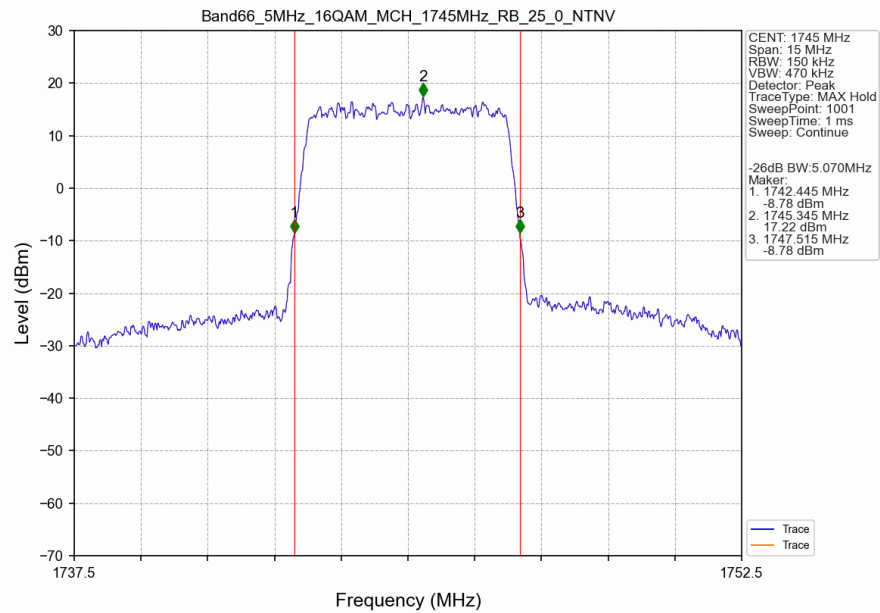
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



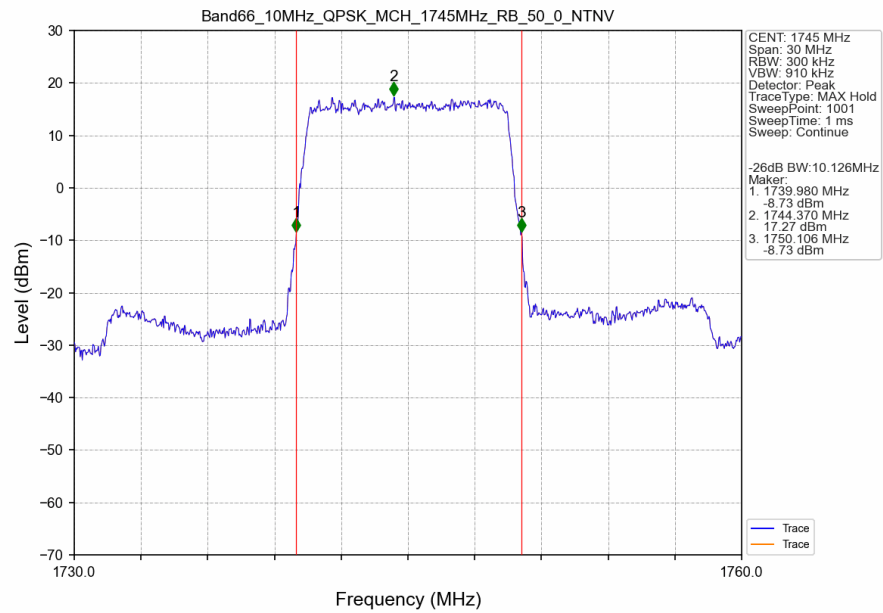
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



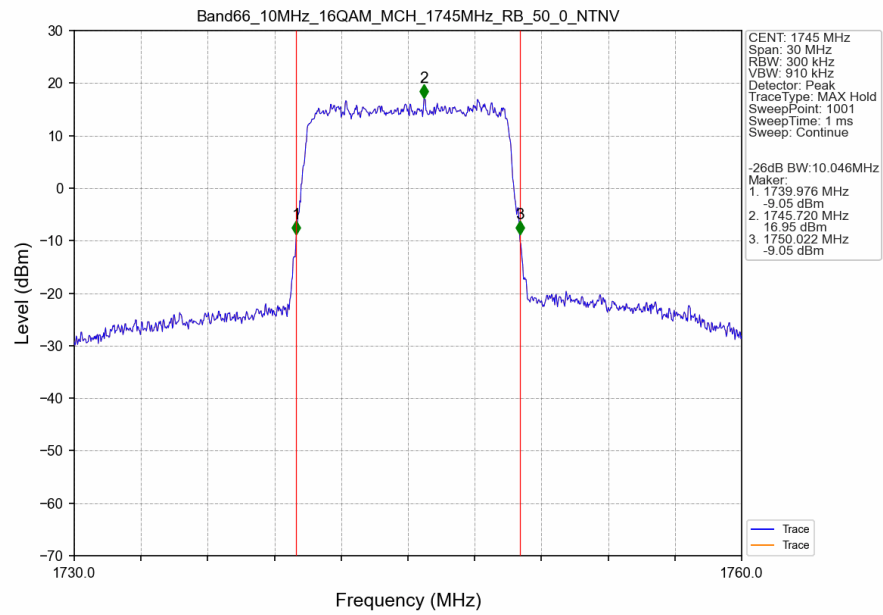
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



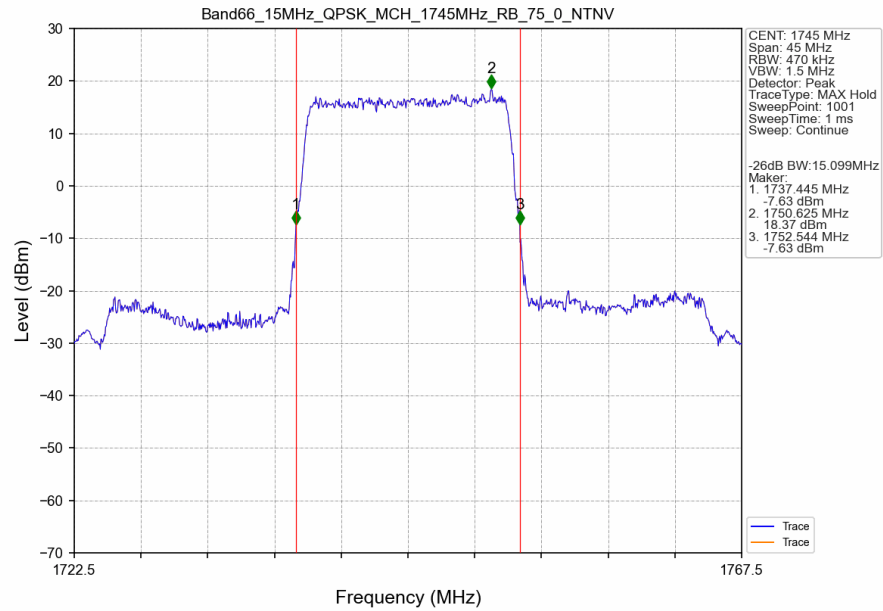
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTNV



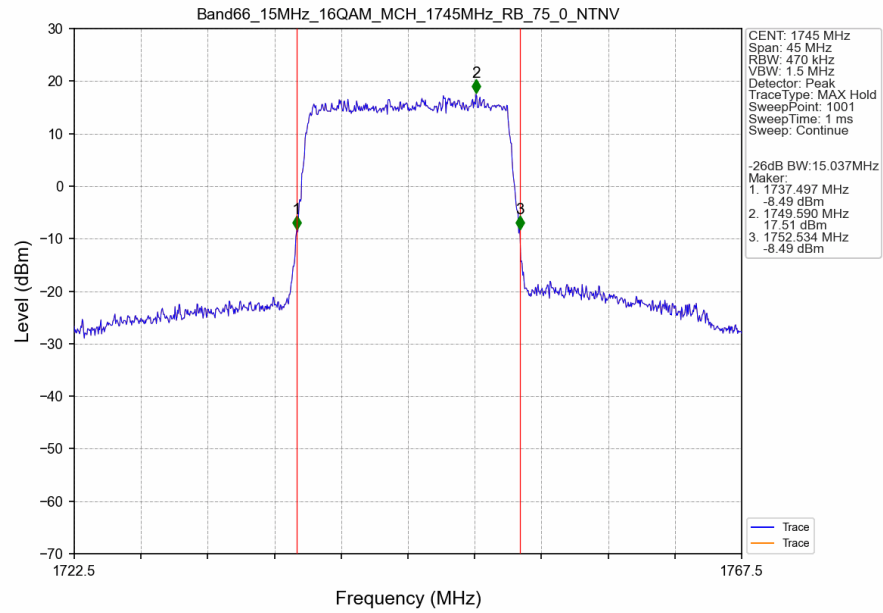
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTNV



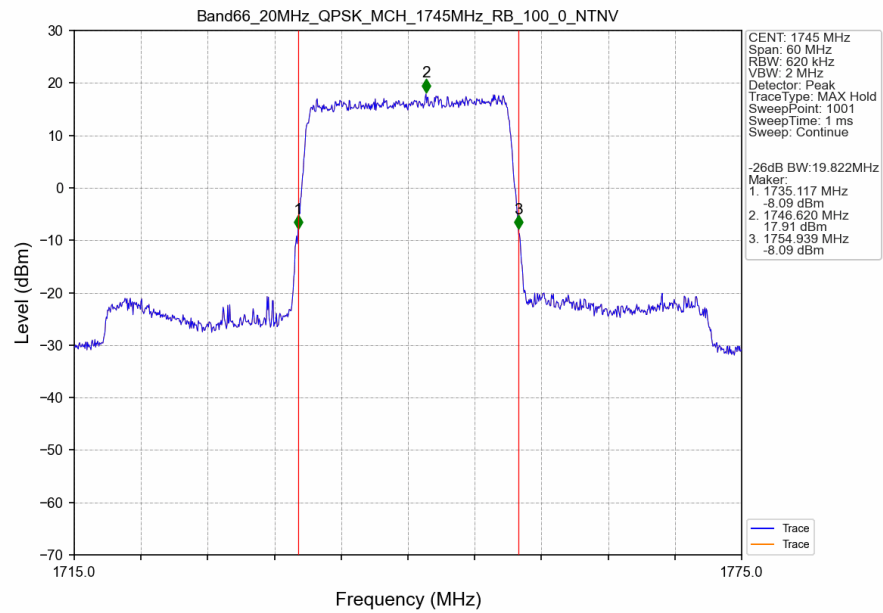
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



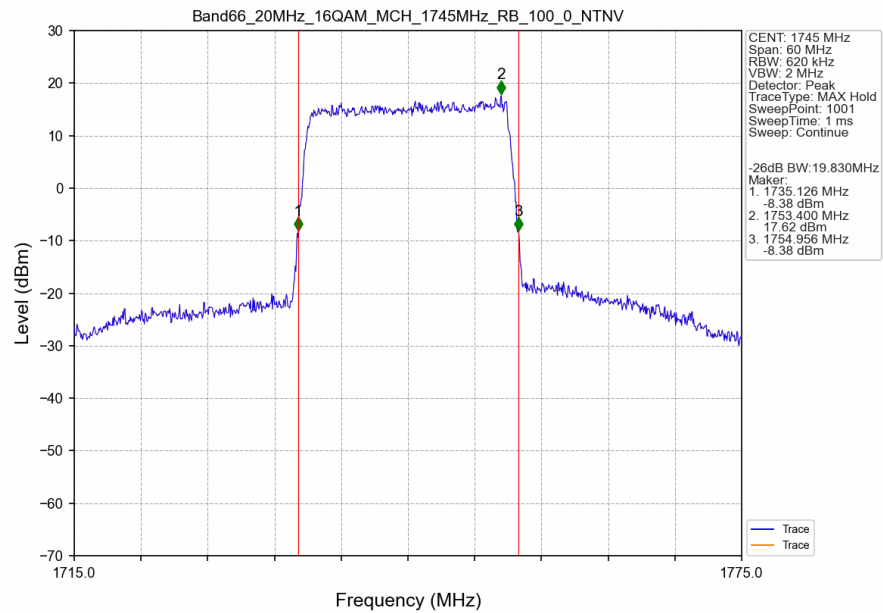
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTNV



Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTNV



4. Peak-Average Ratio

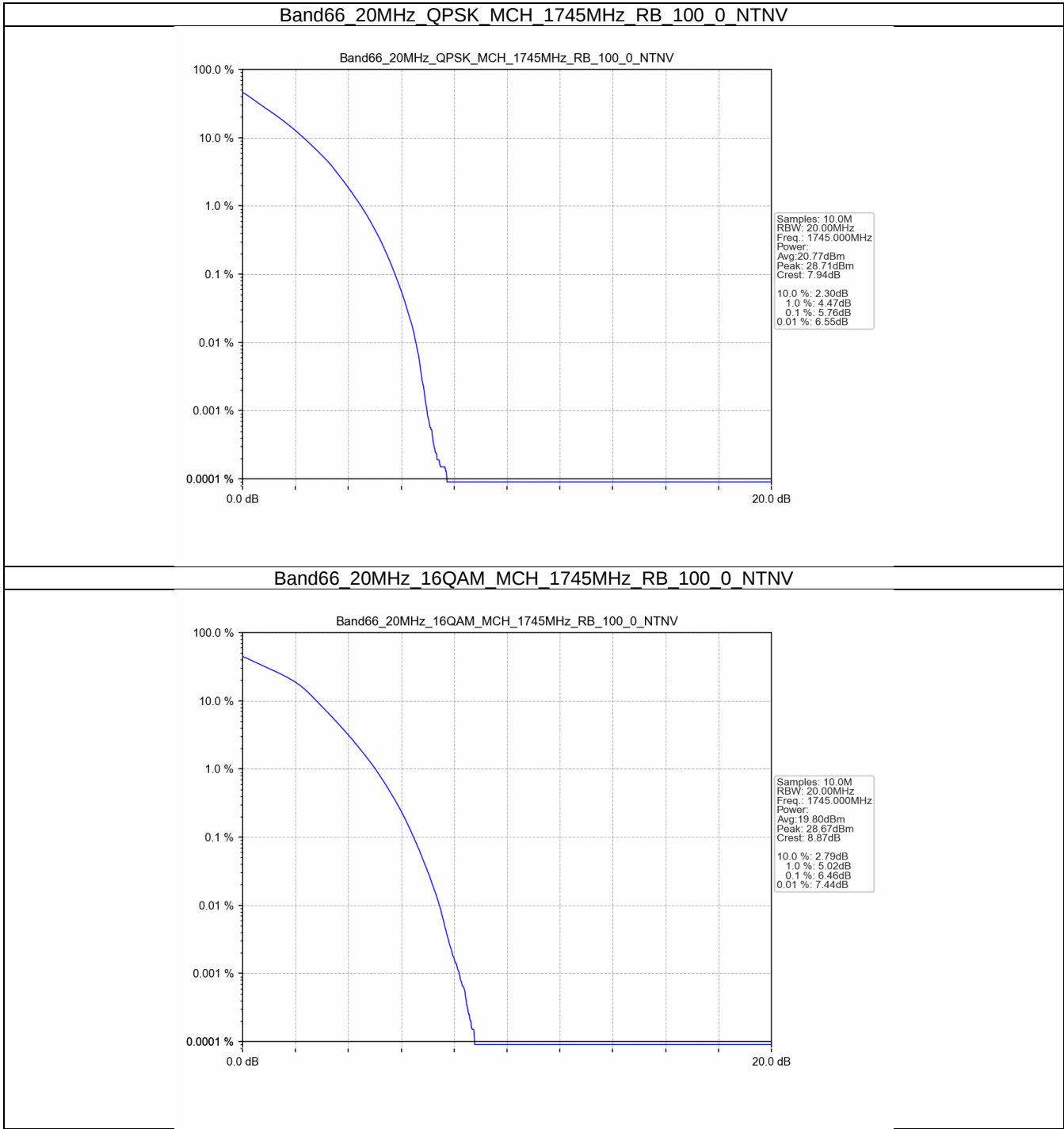
4.1 Test Result

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	5.76	<=13	Pass
16QAM	1745	100	0	6.46	<=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
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5.1.5 B66_15MHz

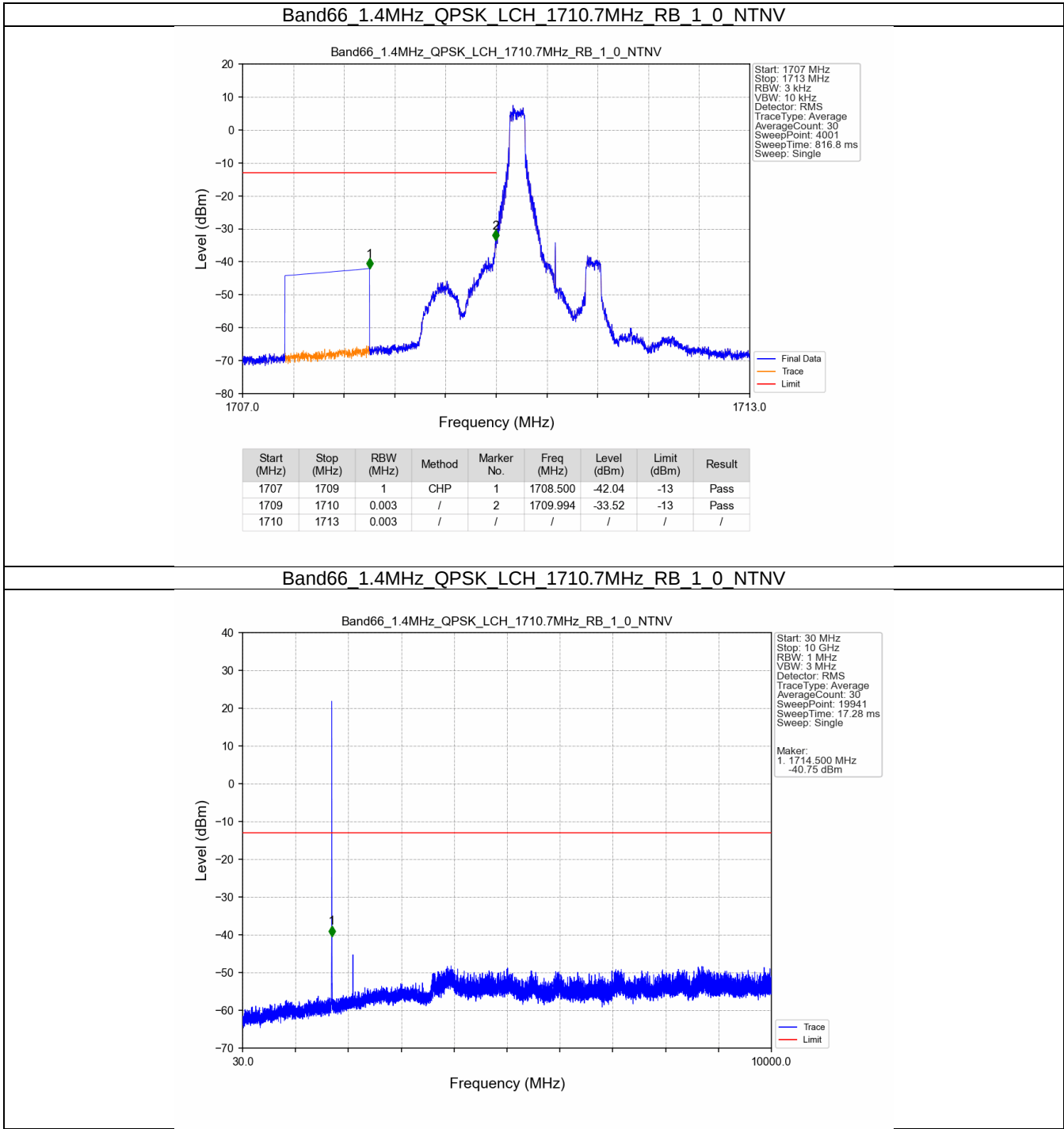
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

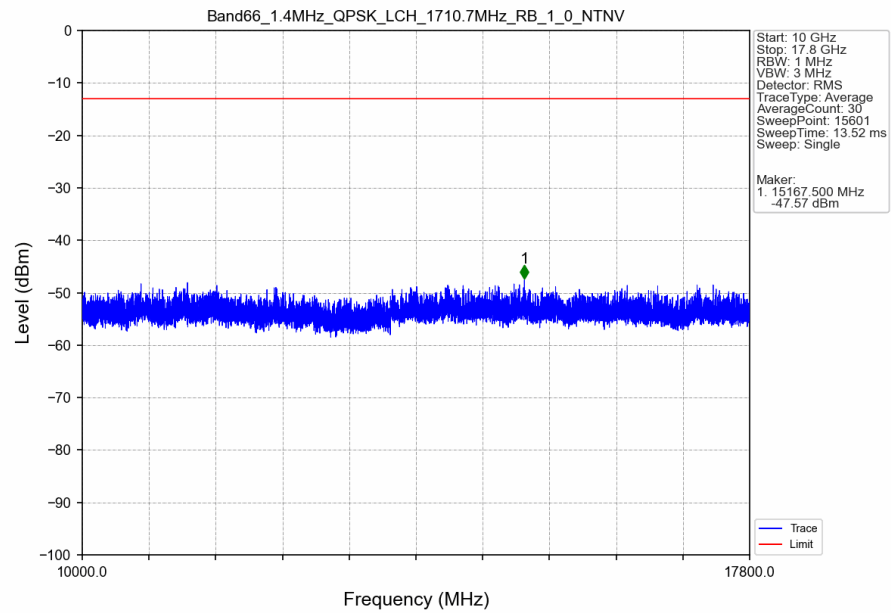
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

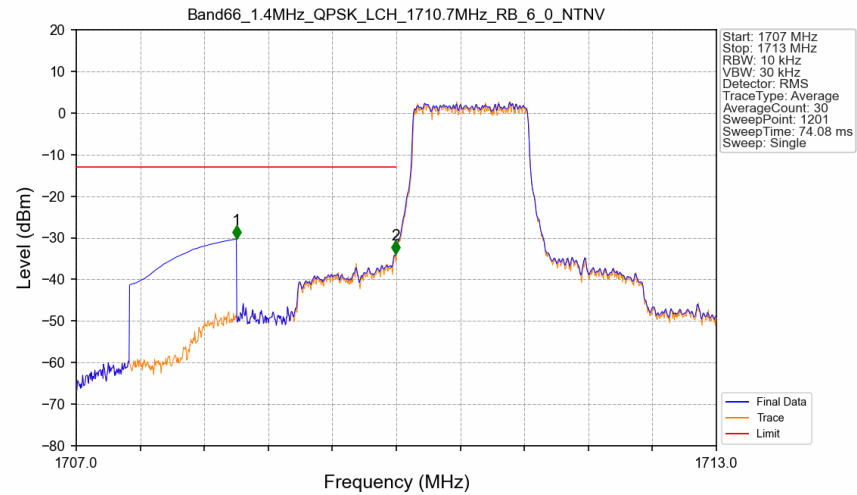
5.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

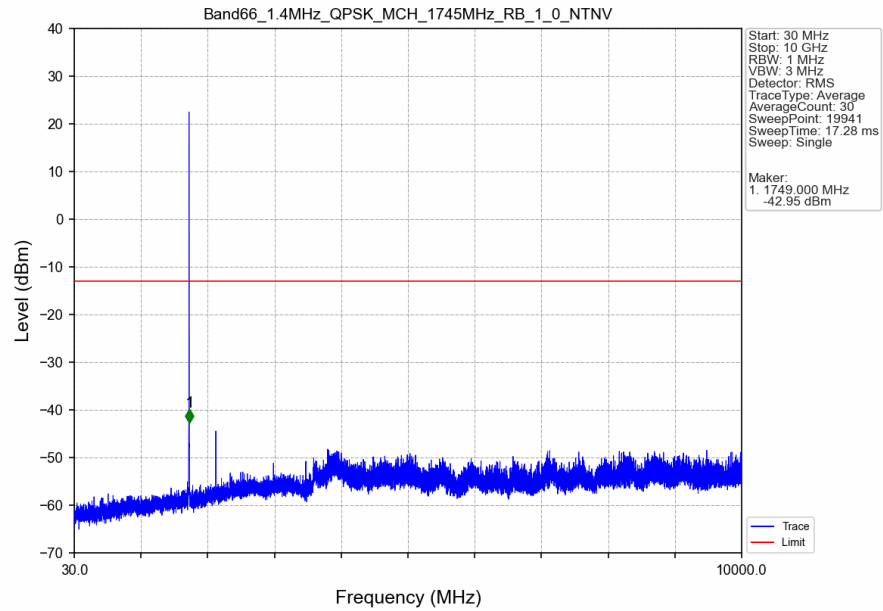


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

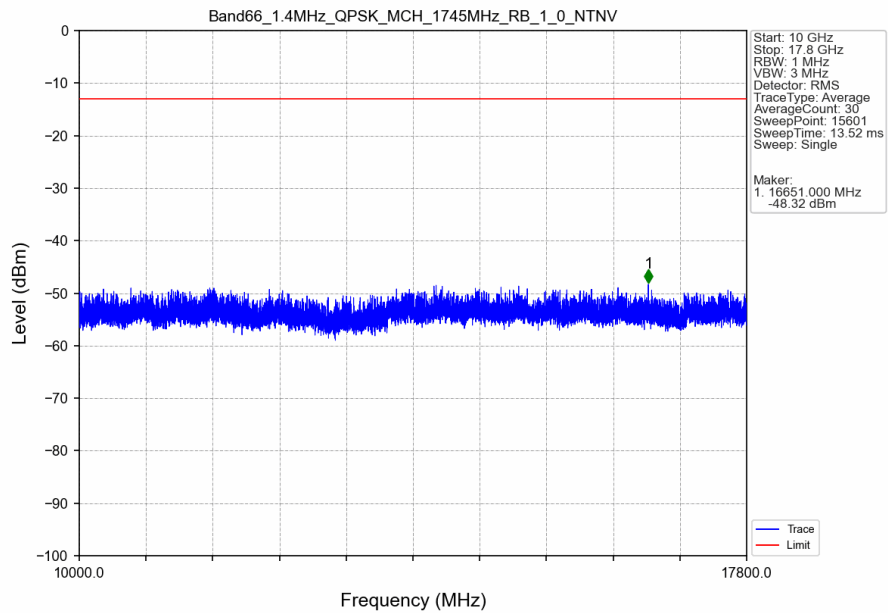


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-30.27	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-33.91	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

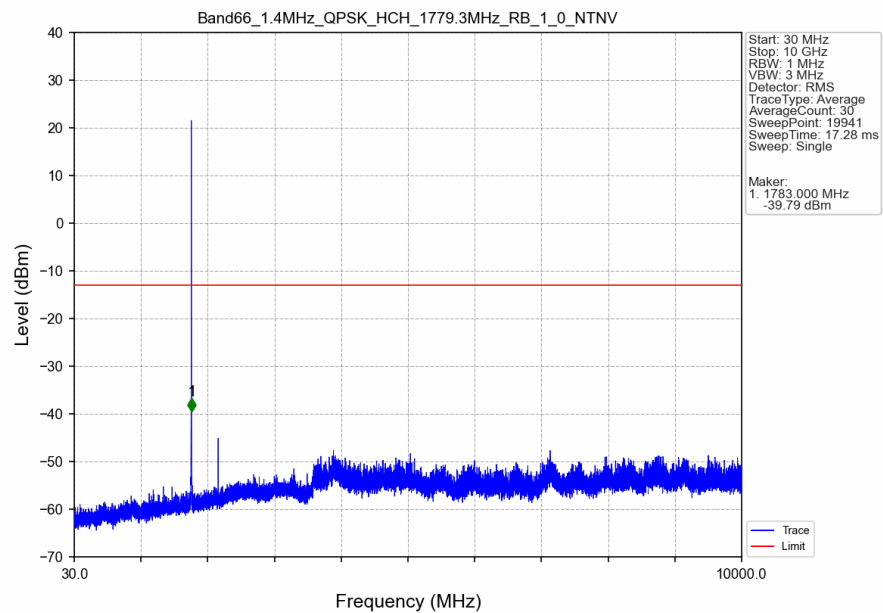
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



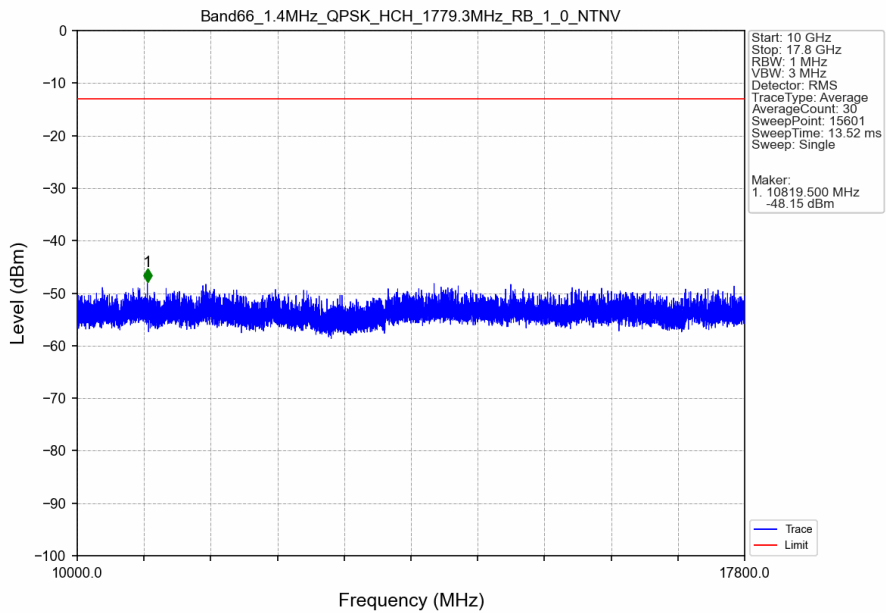
Band66 1.4MHz QPSK MCH 1745MHz RB 1 0 NTNV



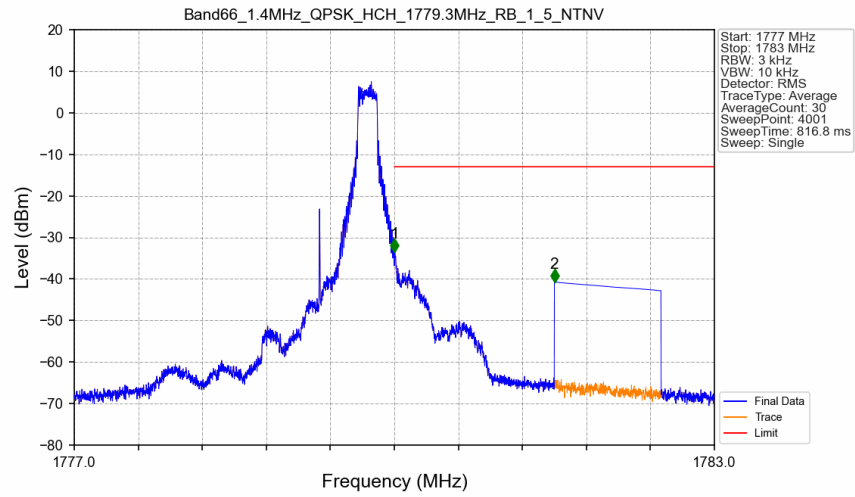
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV

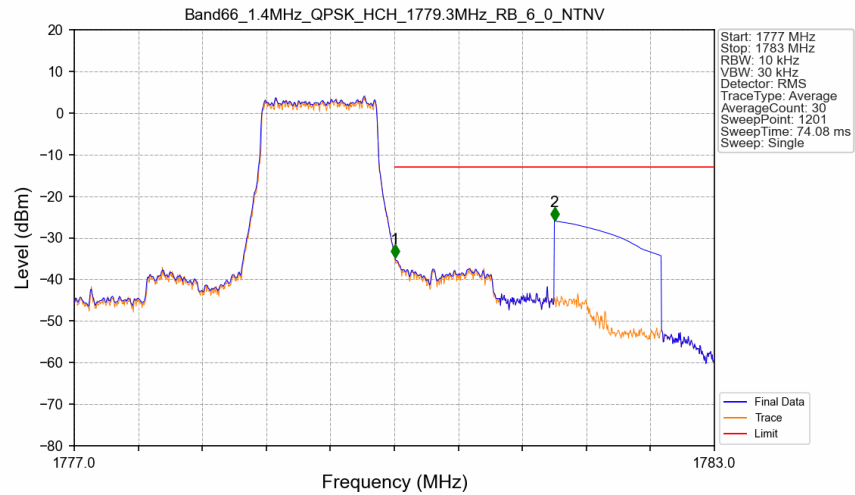


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



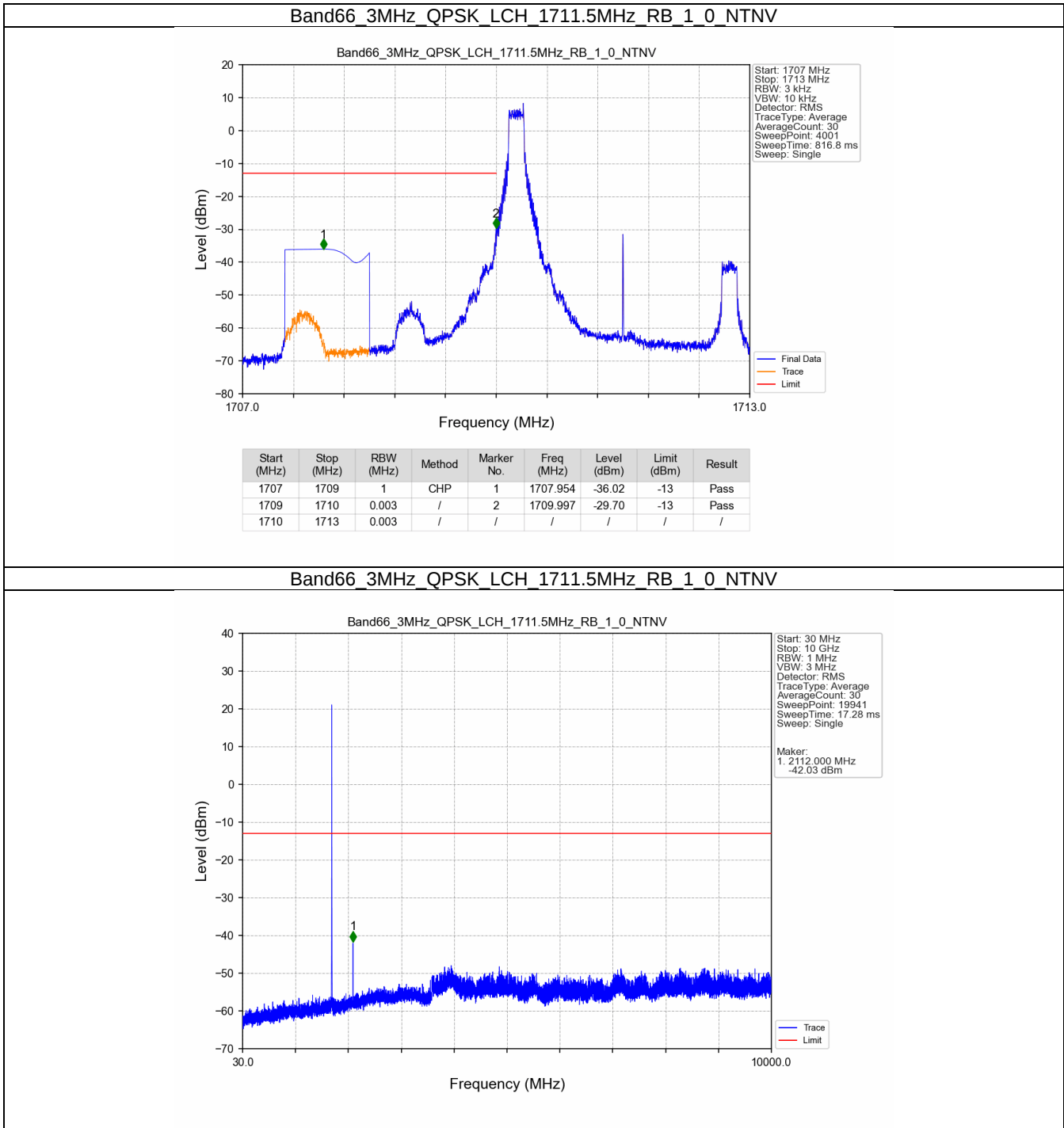
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-33.45	-13	Pass
1781	1783	1	CHP	2	1781.500	-40.74	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

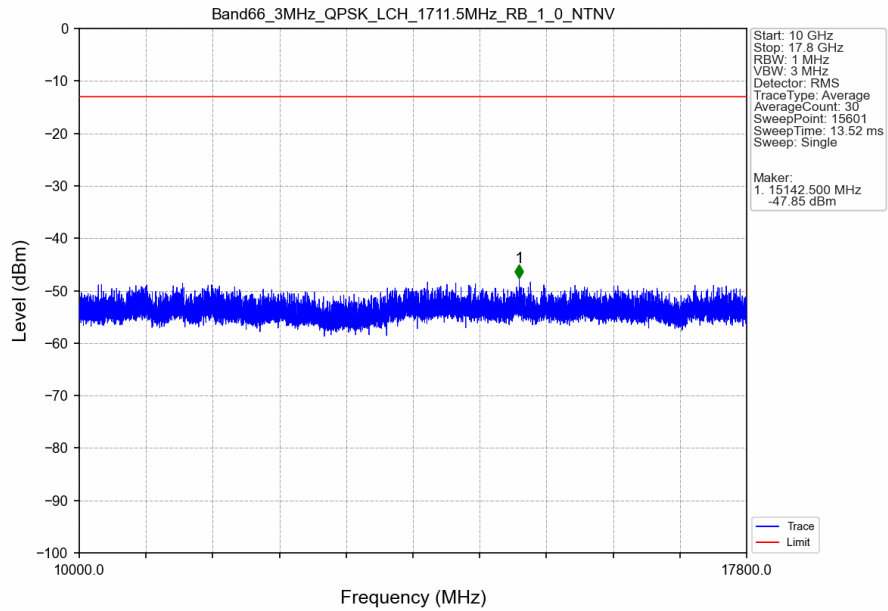


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.005	-34.76	-13	Pass
1781	1783	1	CHP	2	1781.500	-25.92	-13	Pass

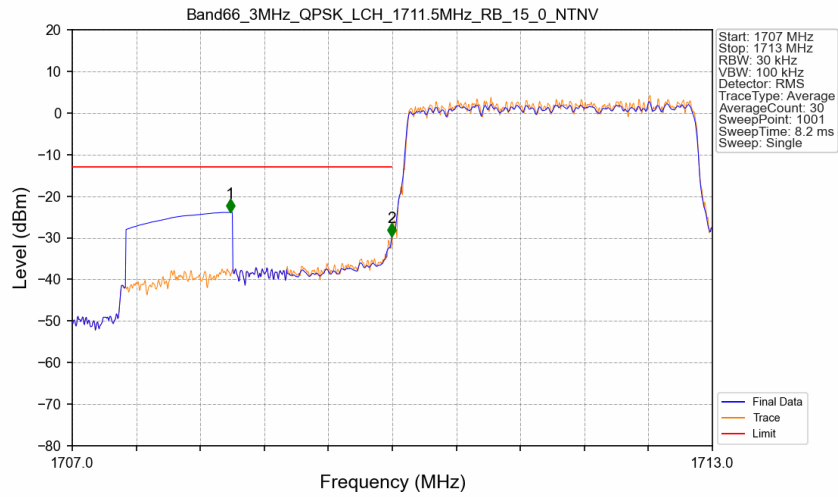
5.2.2 B66_3MHz



Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

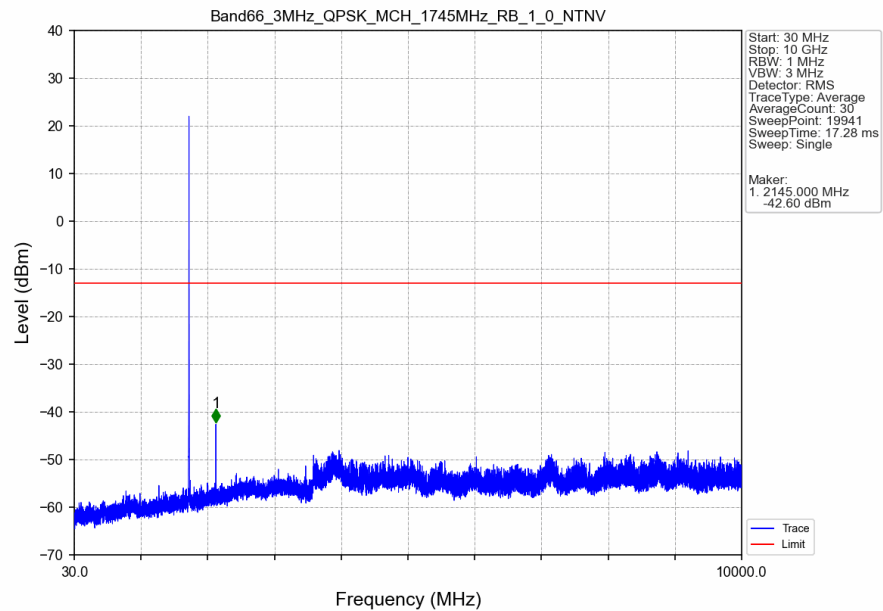


Band66_3MHz_QPSK_LCH 1711.5MHz_RB_15_0_NTNV

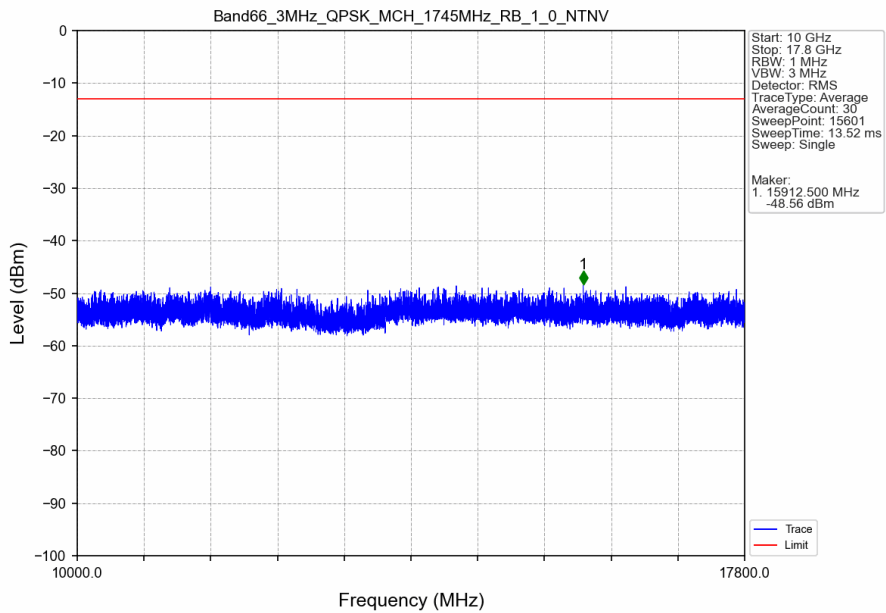


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.482	-23.89	-13	Pass
1709	1710	0.031	CHP	2	1709.994	-29.71	-13	Pass
1710	1713	0.031	CHP	/	/	/	/	/

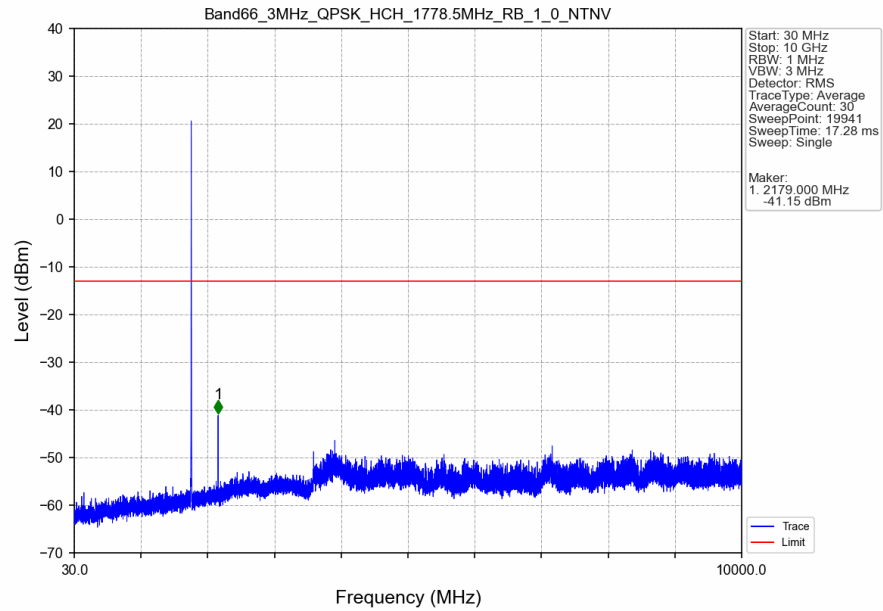
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



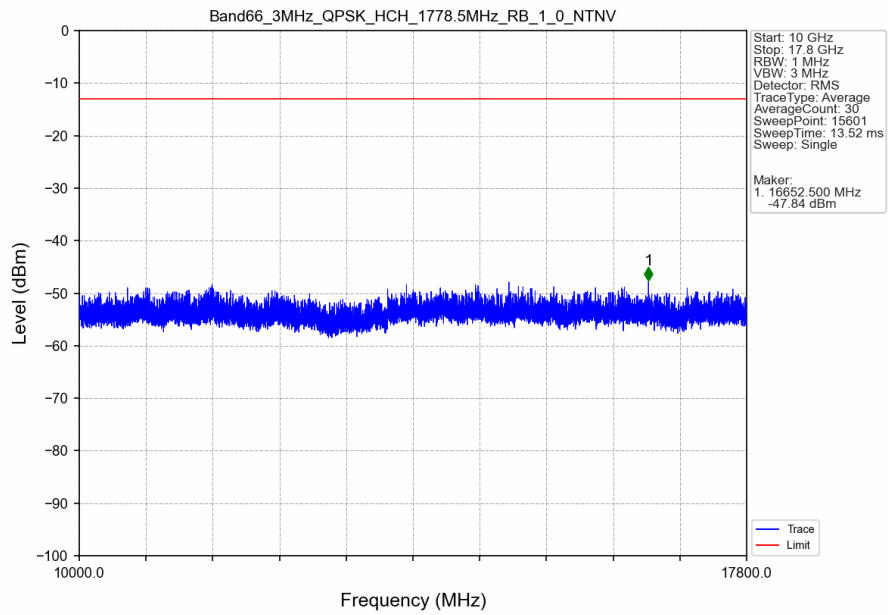
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



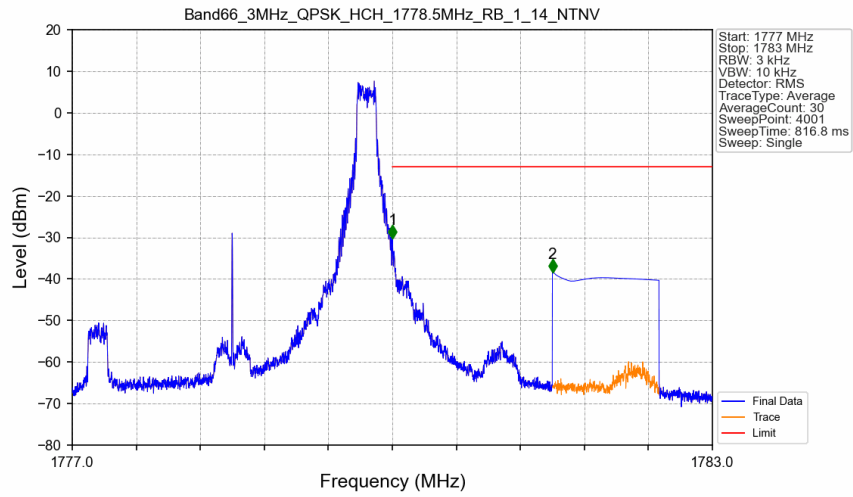
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV

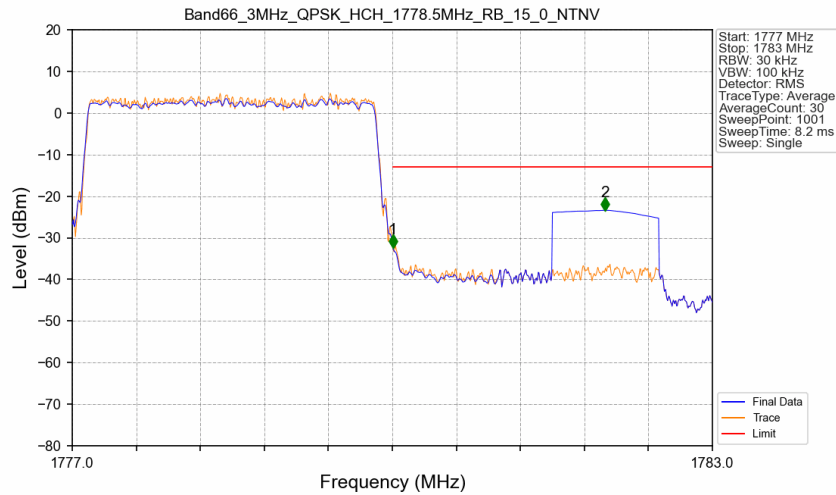


Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTV



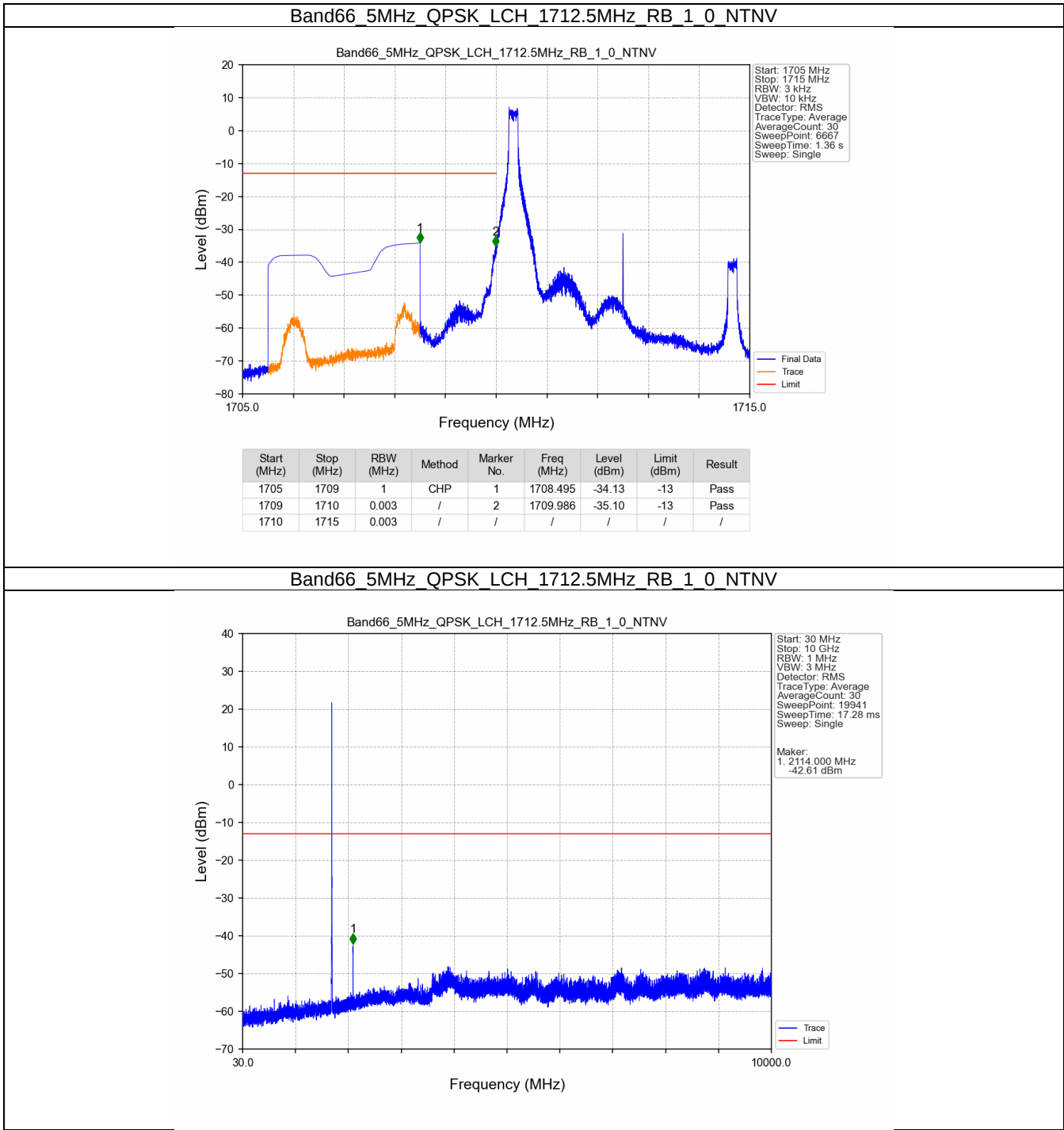
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-30.21	-13	Pass
1781	1783	1	CHP	2	1781.500	-38.37	-13	Pass

Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV

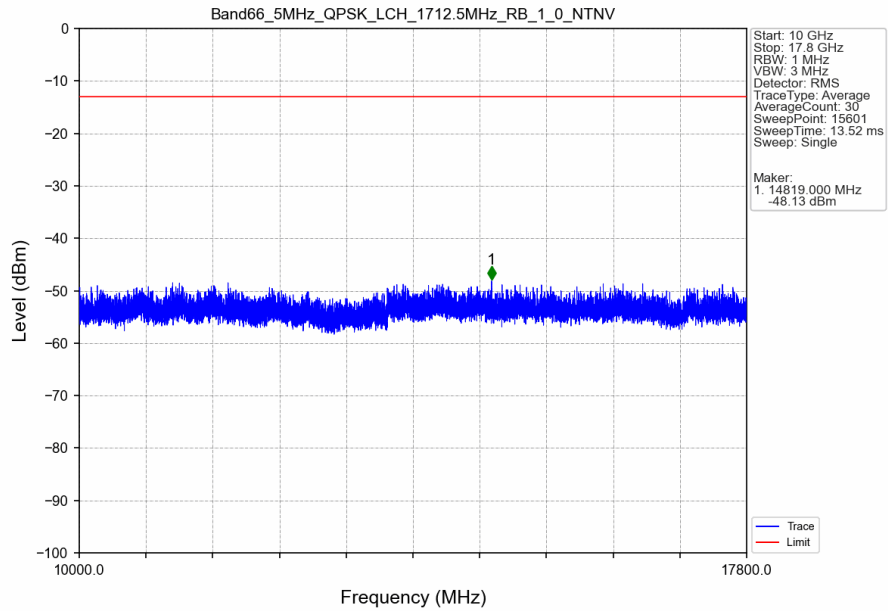


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.031	CHP	/	/	/	/	/
1780	1781	0.031	CHP	1	1780.006	-32.45	-13	Pass
1781	1783	1	CHP	2	1781.992	-23.40	-13	Pass

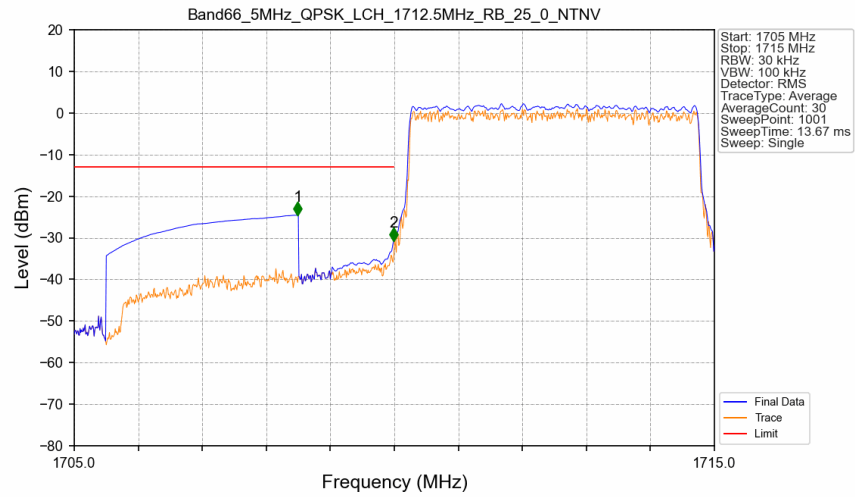
5.2.3 B66_5MHz



Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

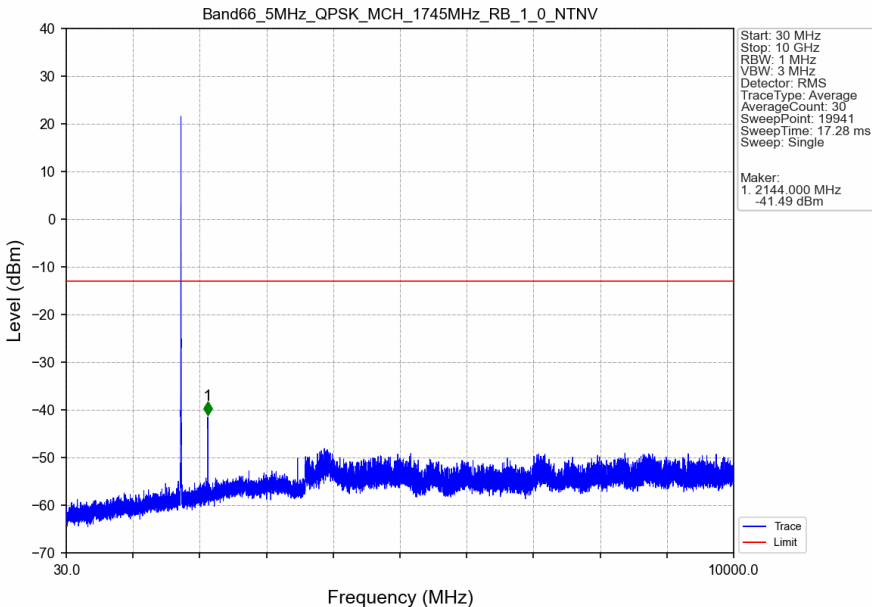


Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

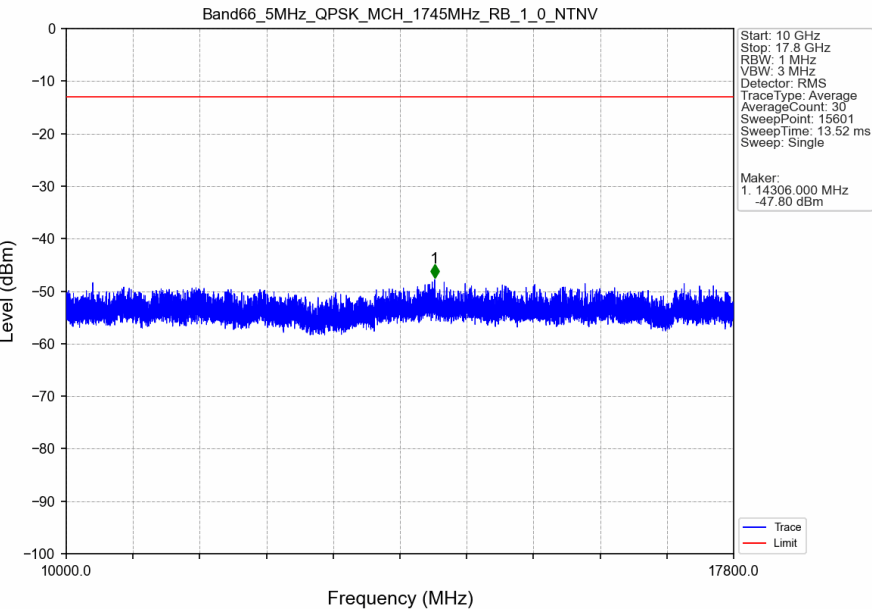


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.490	-24.55	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-30.85	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

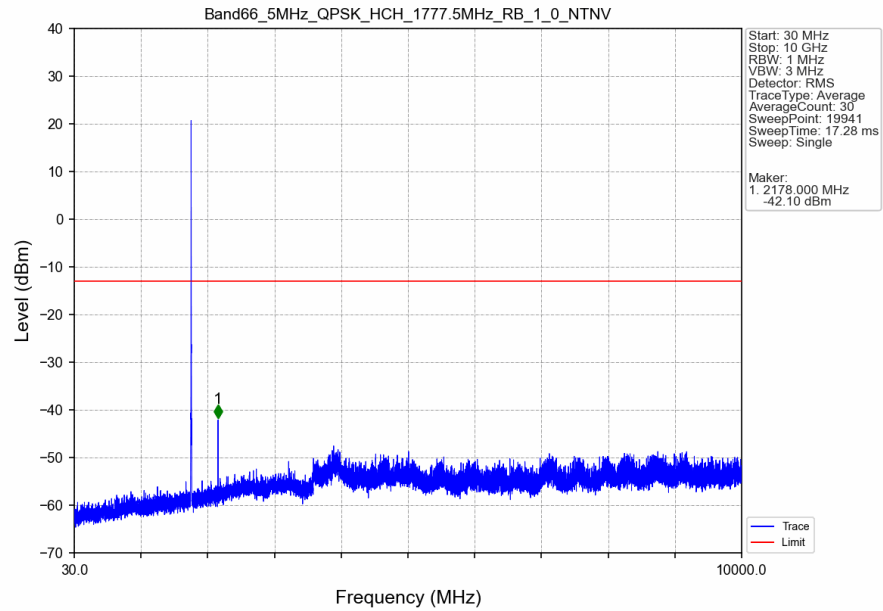
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



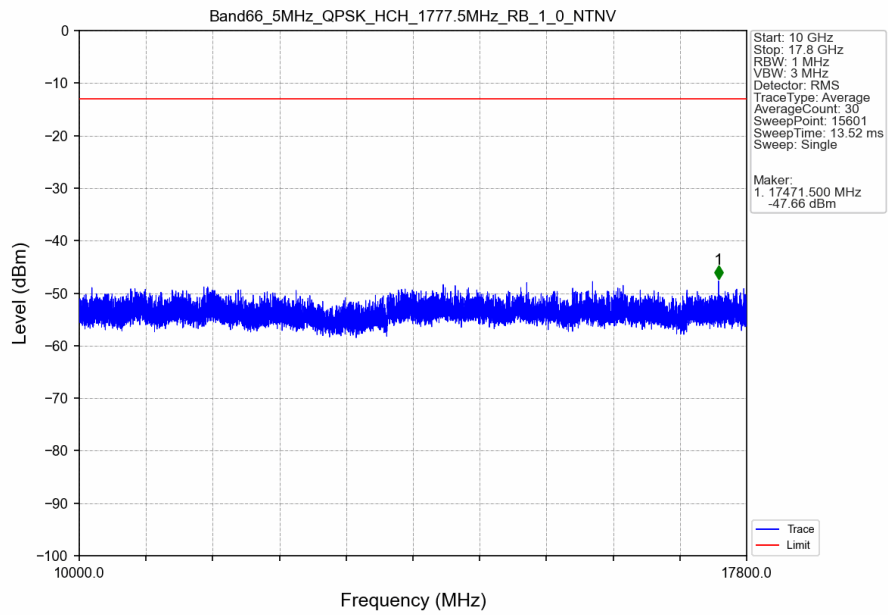
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



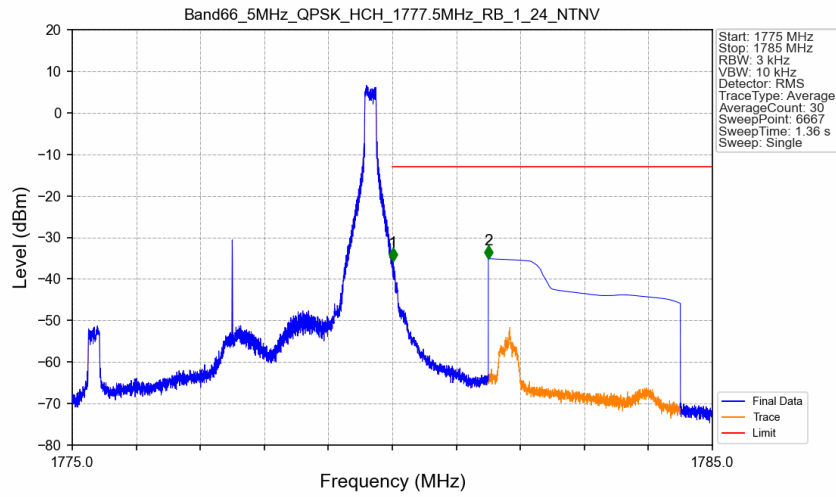
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV

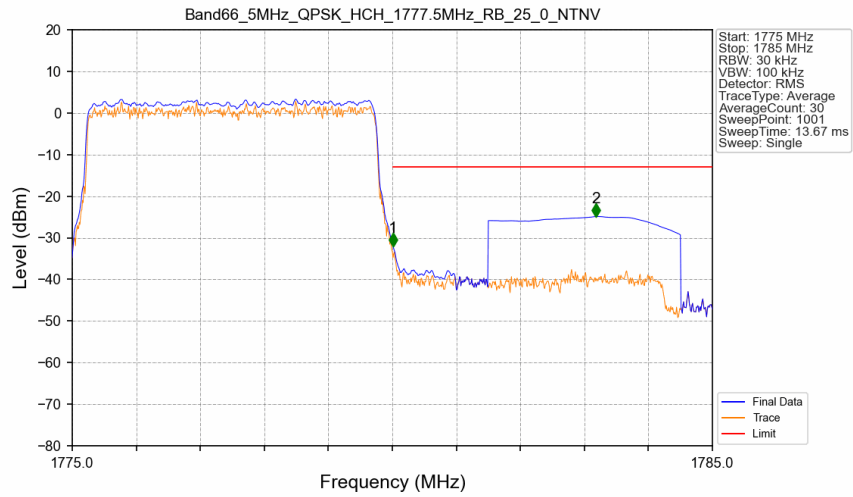


Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTNV



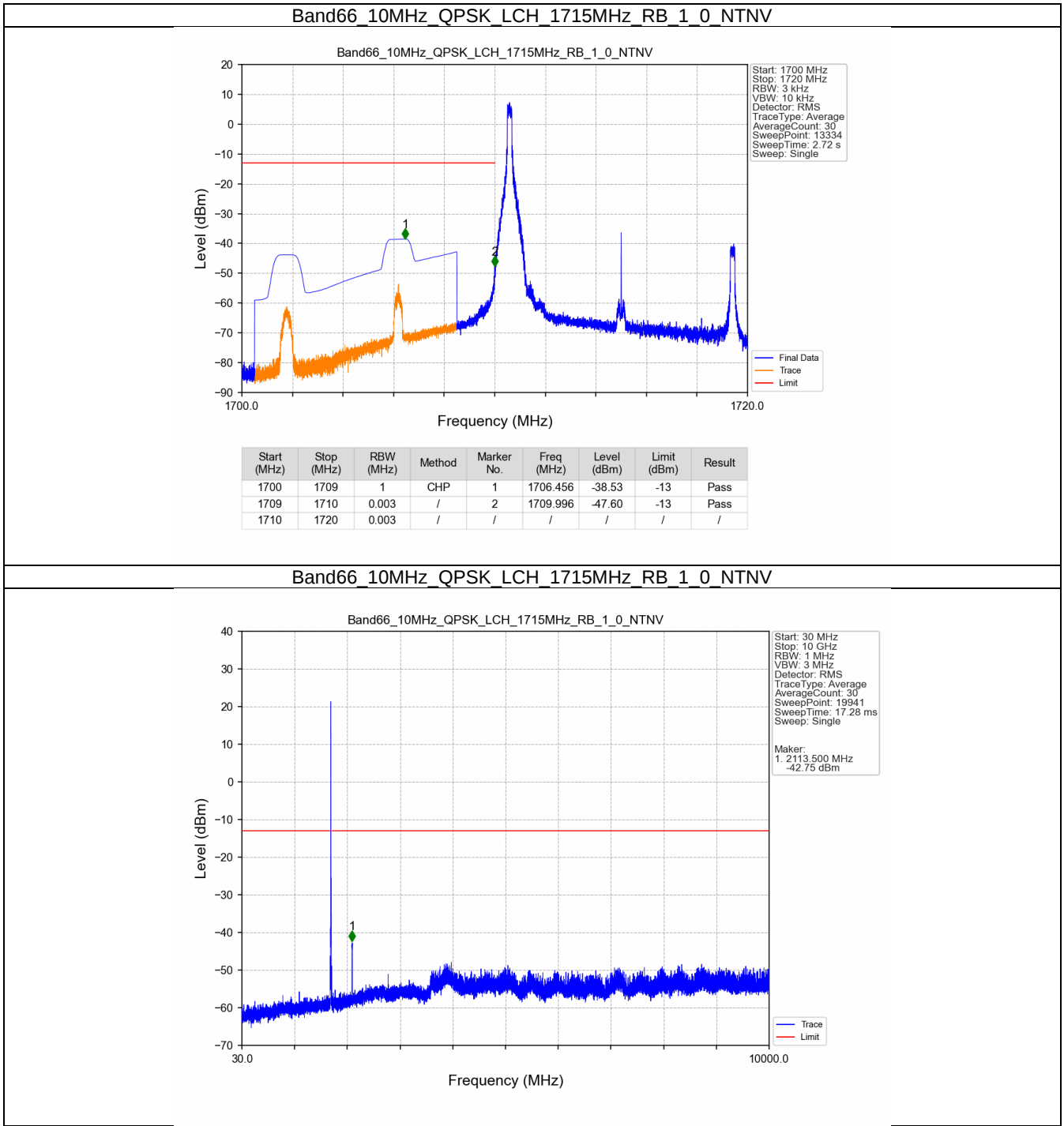
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.012	-35.76	-13	Pass
1781	1785	1	CHP	2	1781.500	-35.11	-13	Pass

Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTNV

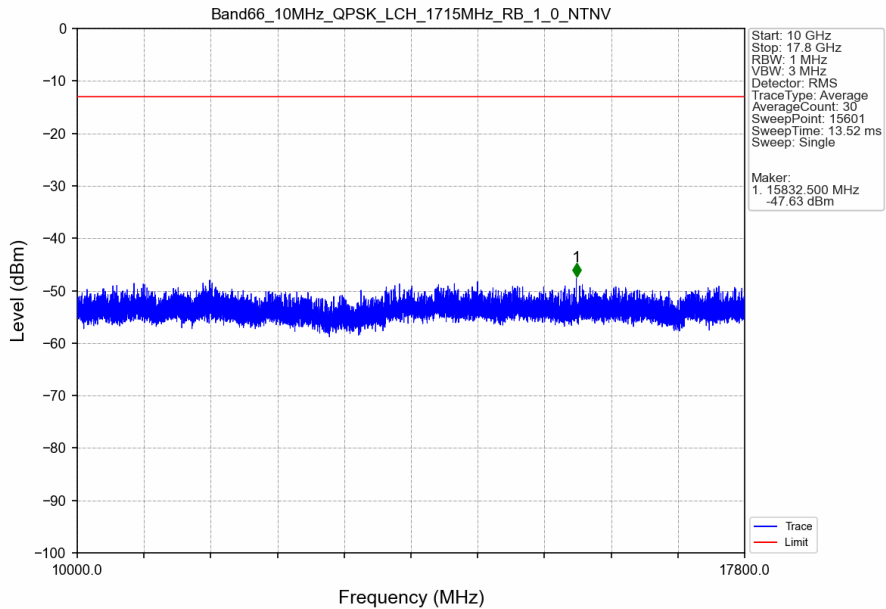


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	CHP	/	/	/	/	/
1780	1781	0.051	CHP	1	1780.010	-32.10	-13	Pass
1781	1785	1	CHP	2	1783.180	-24.89	-13	Pass

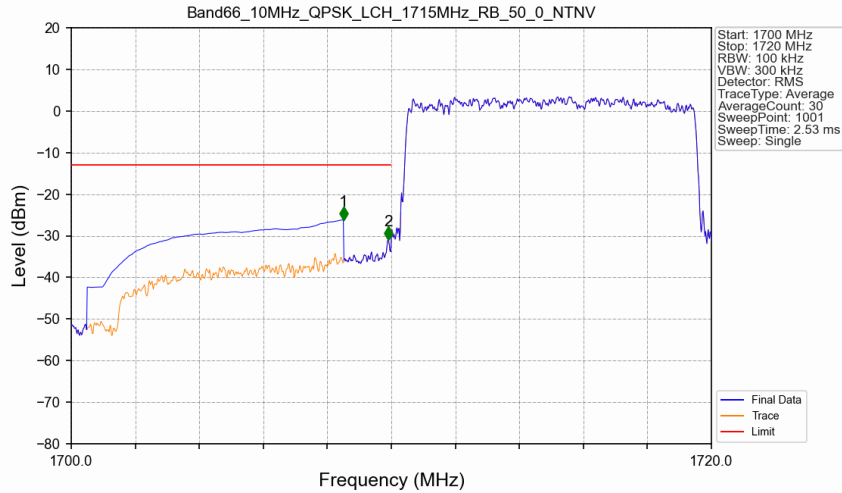
5.2.4 B66_10MHz



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTNV

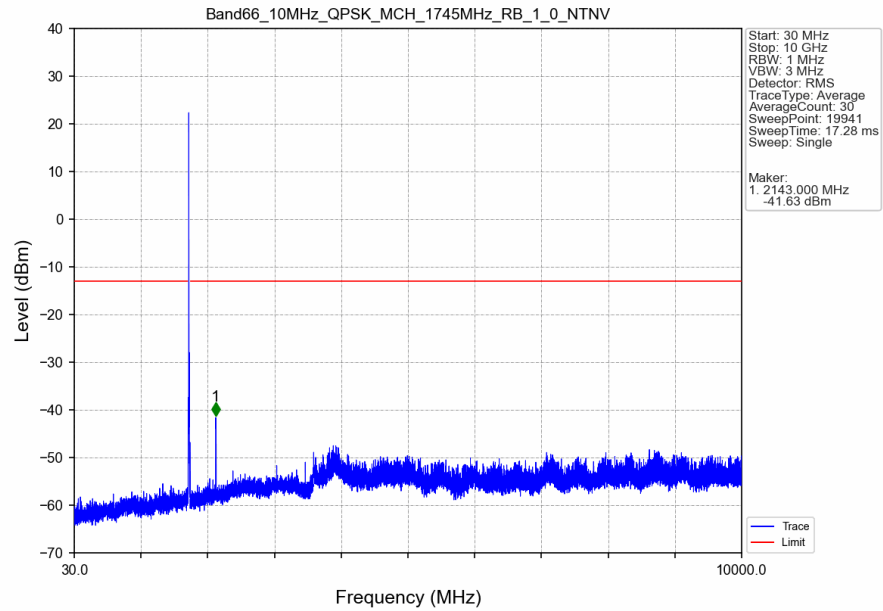


Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTNV

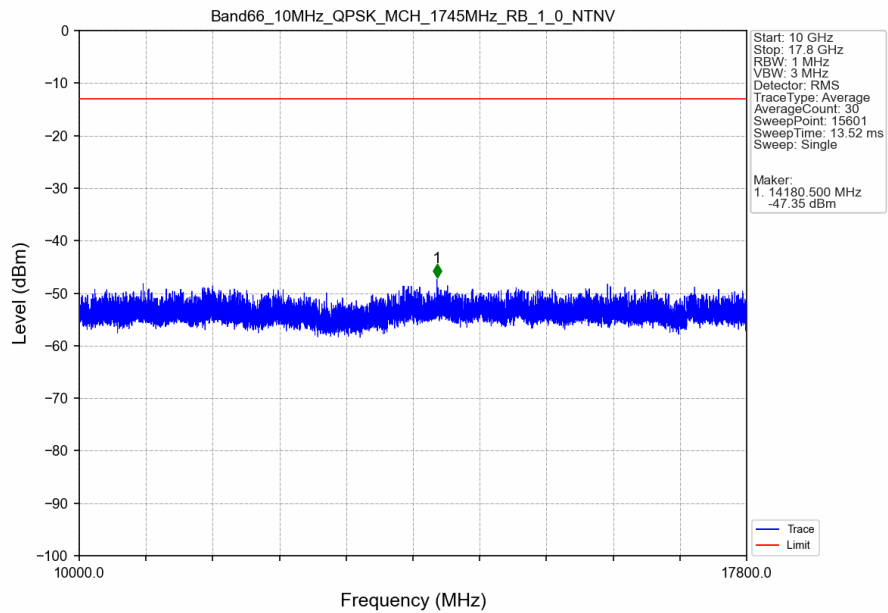


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-26.18	-13	Pass
1709	1710	0.1	/	2	1709.900	-30.90	-13	Pass
1710	1720	0.1	/	/	/	/	/	/

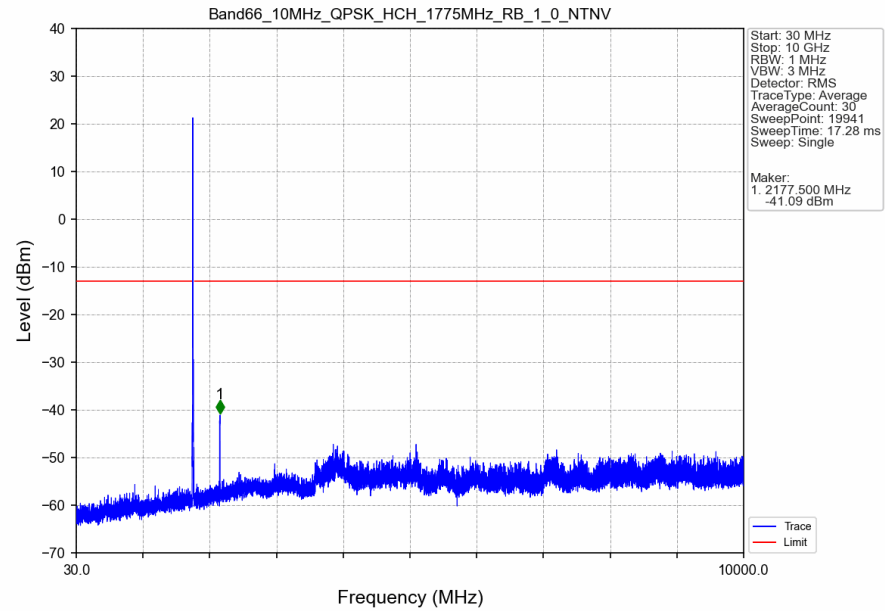
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTN



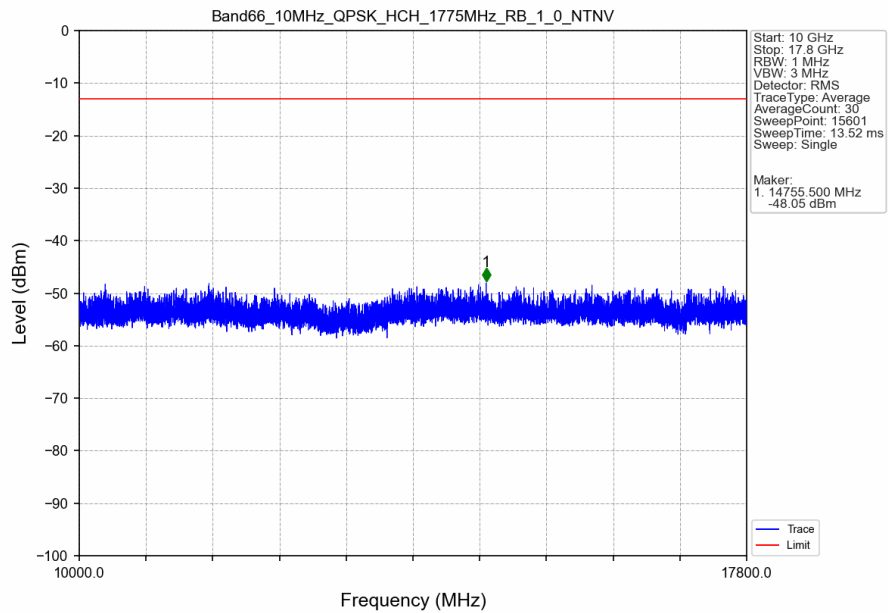
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTN



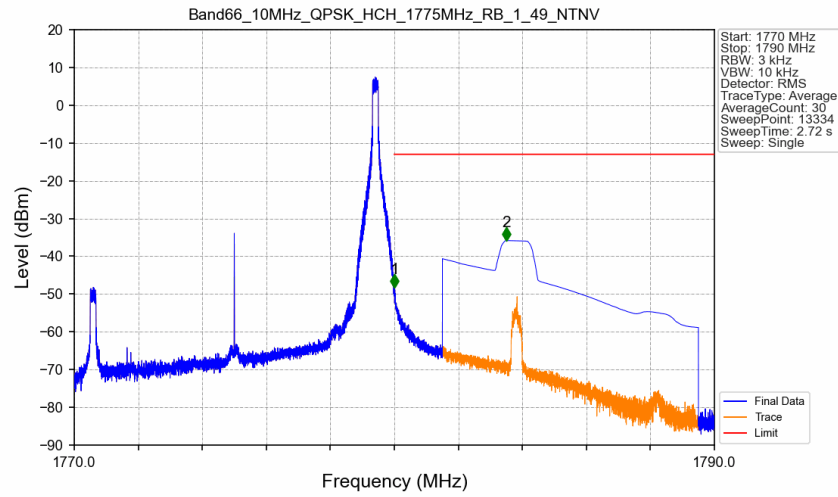
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN



Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTN

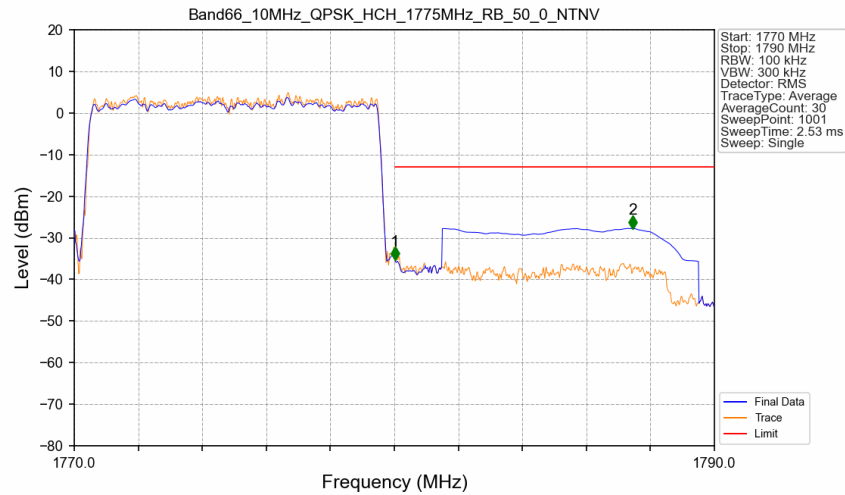


Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTV



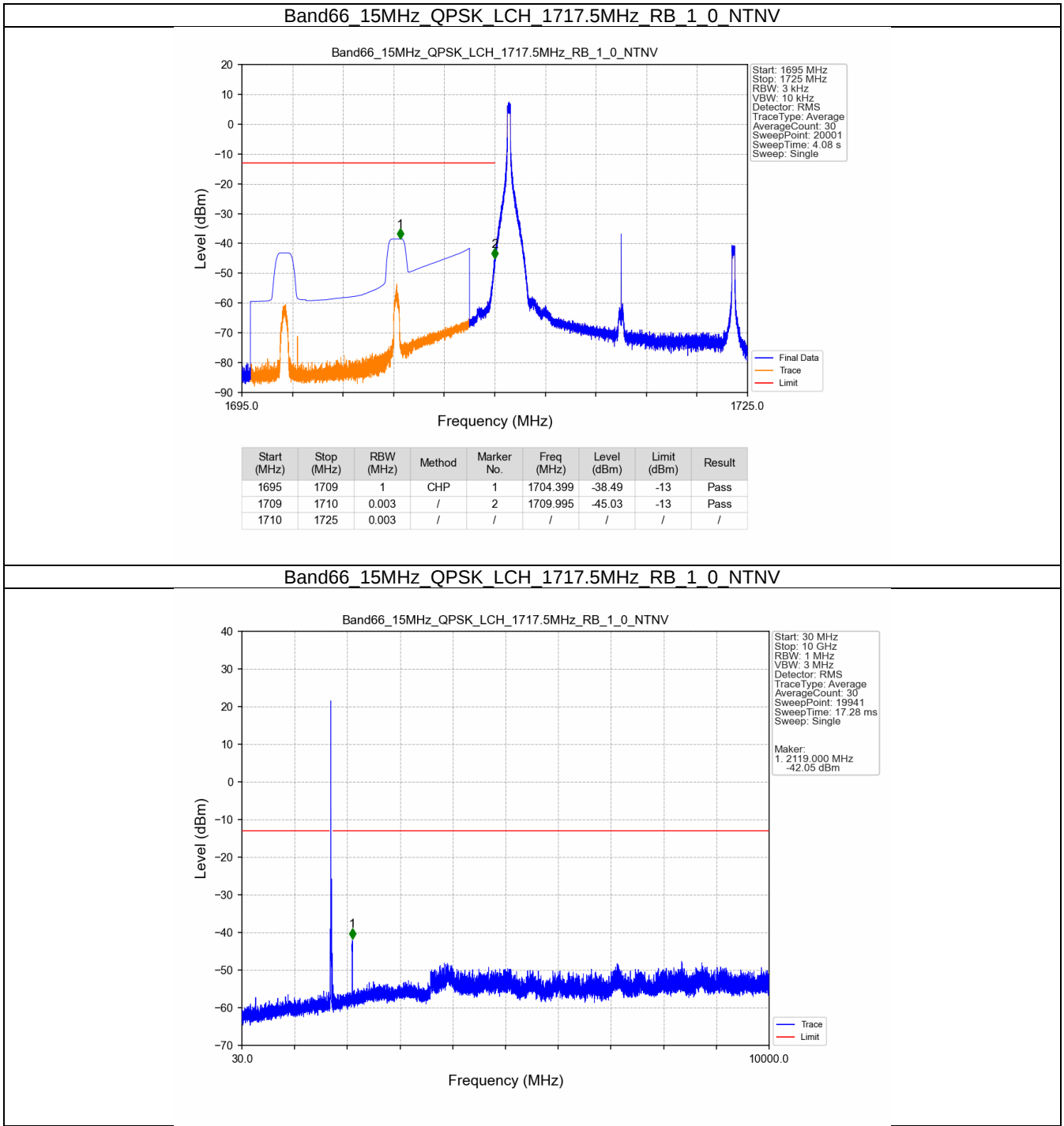
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-48.23	-13	Pass
1781	1790	1	CHP	2	1783.496	-35.84	-13	Pass

Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV

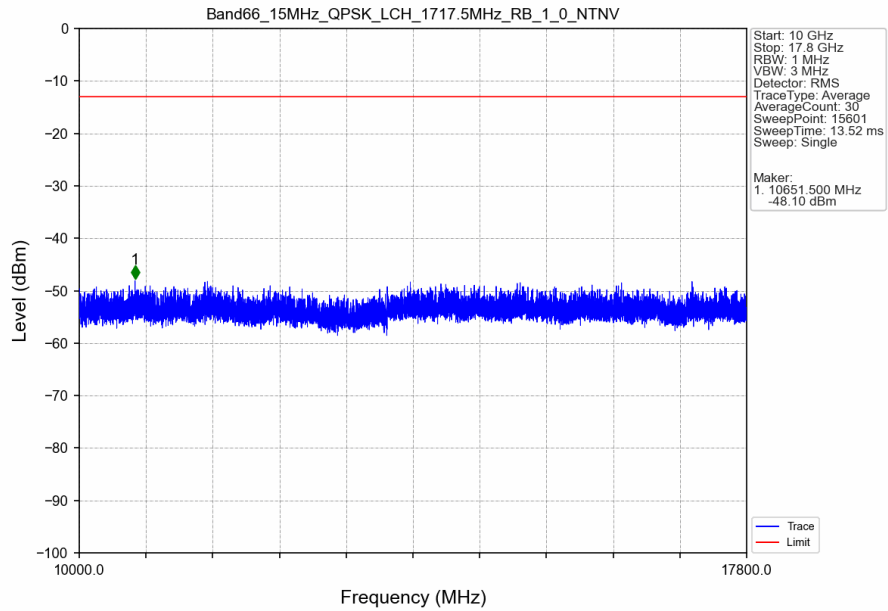


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.101	CHP	/	/	/	/	/
1780	1781	0.101	CHP	1	1780.020	-35.31	-13	Pass
1781	1790	1	CHP	2	1787.440	-27.76	-13	Pass

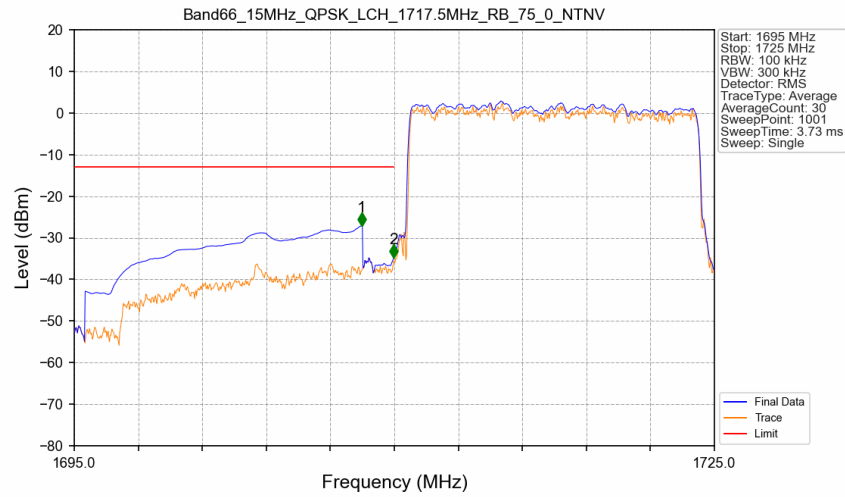
5.2.5 B66_15MHz



Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTNV

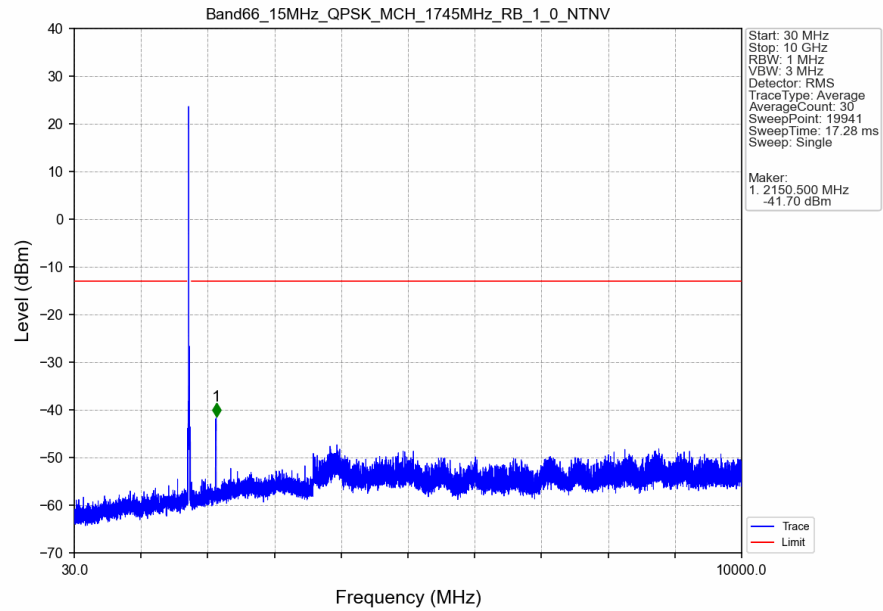


Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTNV

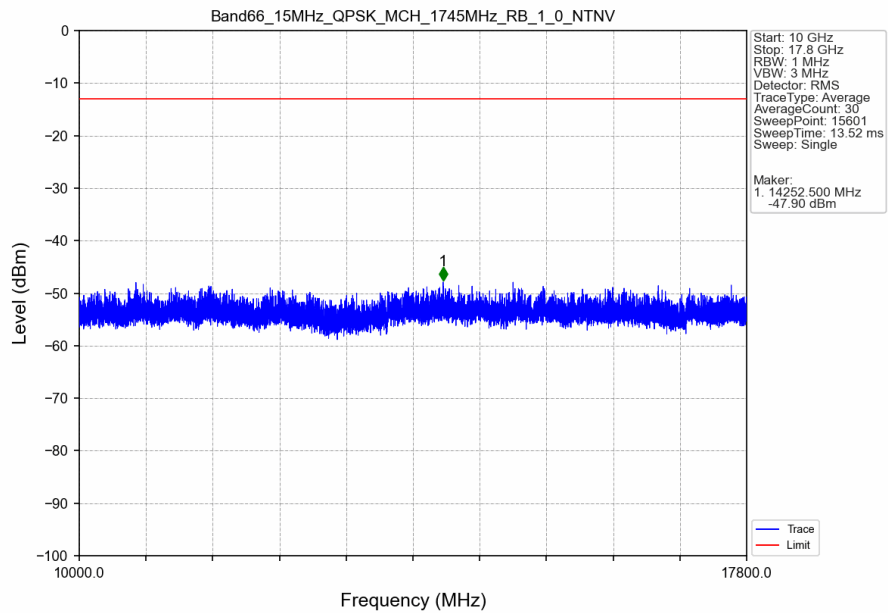


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.470	-27.10	-13	Pass
1709	1710	0.15	CHP	2	1709.970	-34.79	-13	Pass
1710	1725	0.15	CHP	/	/	/	/	/

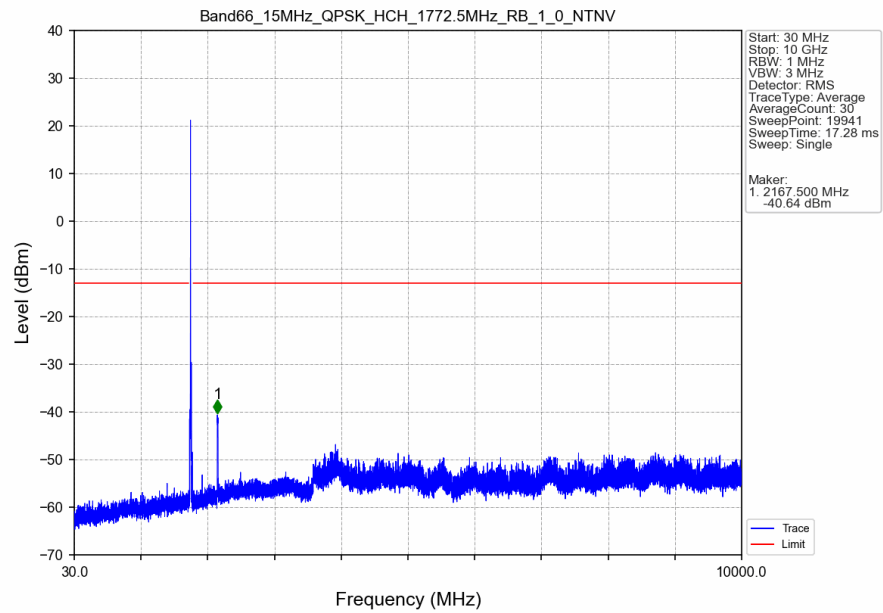
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTN



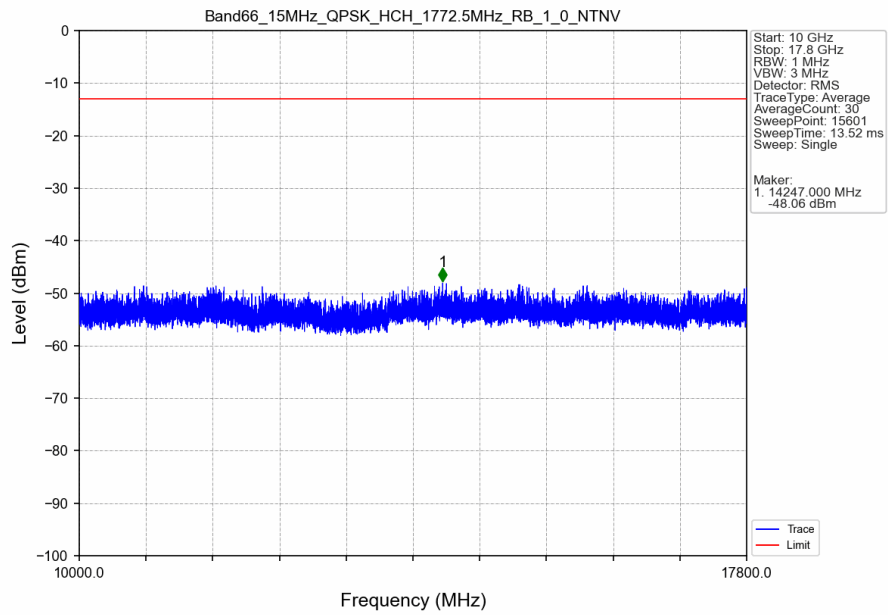
Band66 15MHz QPSK MCH 1745MHz RB 1 0 NTN



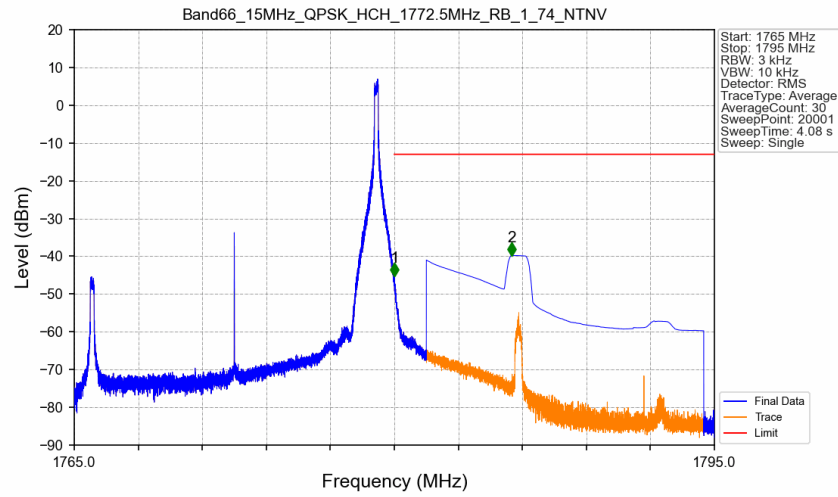
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV



Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV

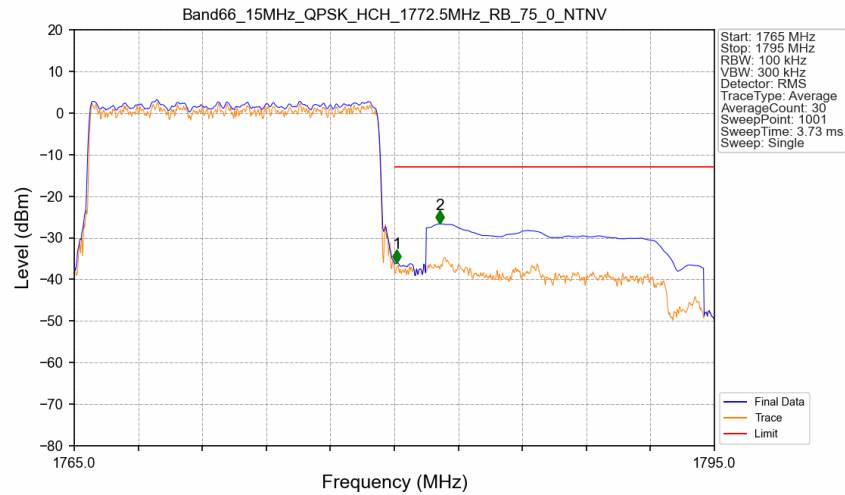


Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



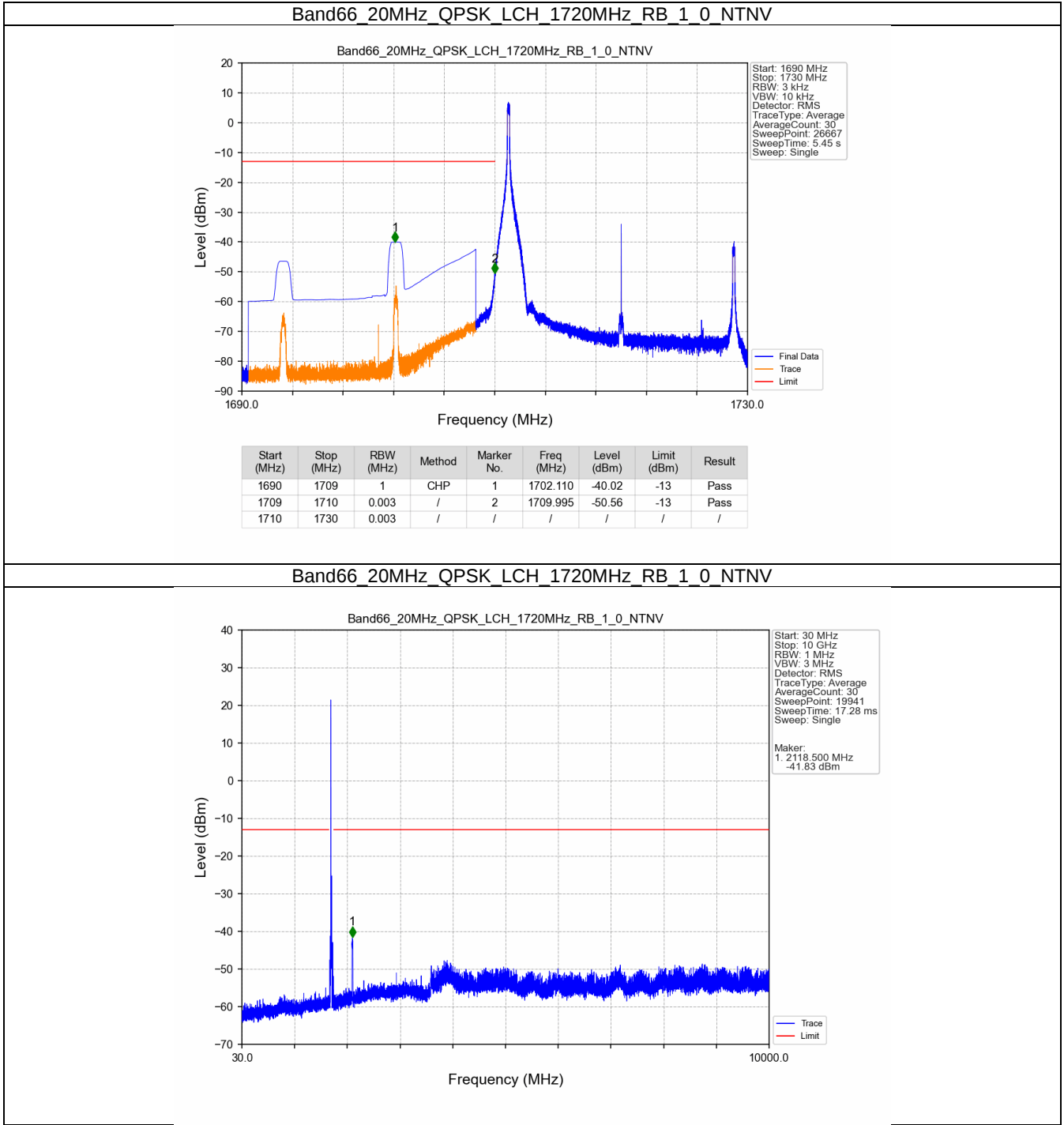
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-45.32	-13	Pass
1781	1795	1	CHP	2	1785.486	-39.78	-13	Pass

Band66 15MHz QPSK HCH 1772.5MHz RB 75_0 NTNV

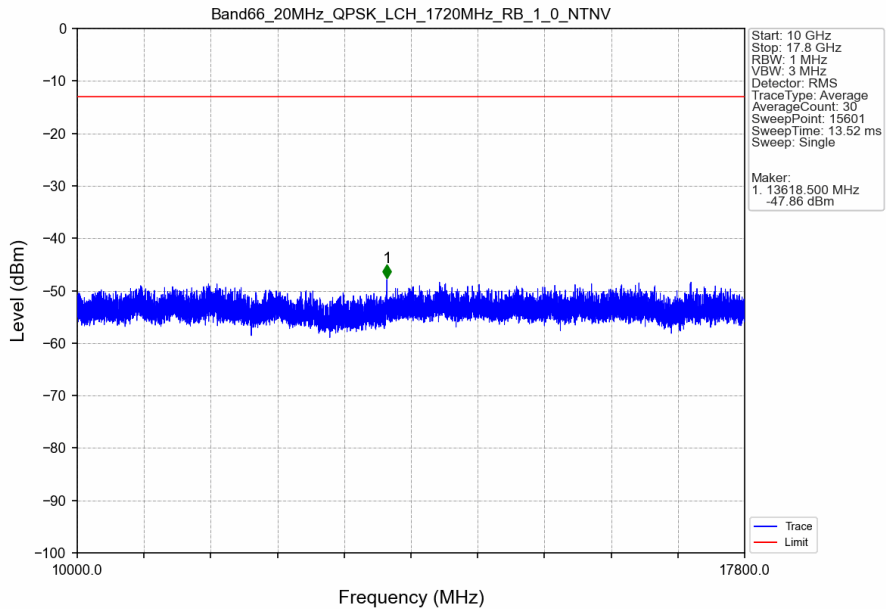


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.151	CHP	/	/	/	/	/
1780	1781	0.151	CHP	1	1780.120	-35.96	-13	Pass
1781	1795	1	CHP	2	1782.130	-26.66	-13	Pass

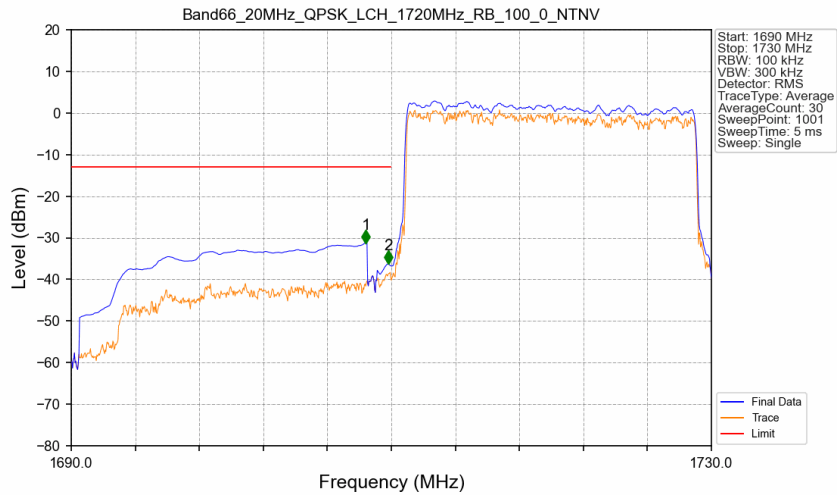
5.2.6 B66_20MHz



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

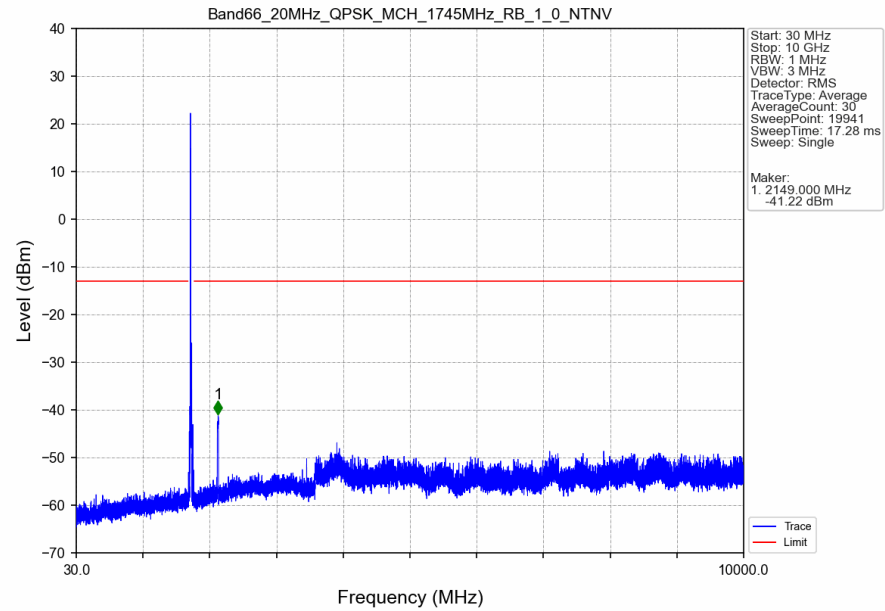


Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

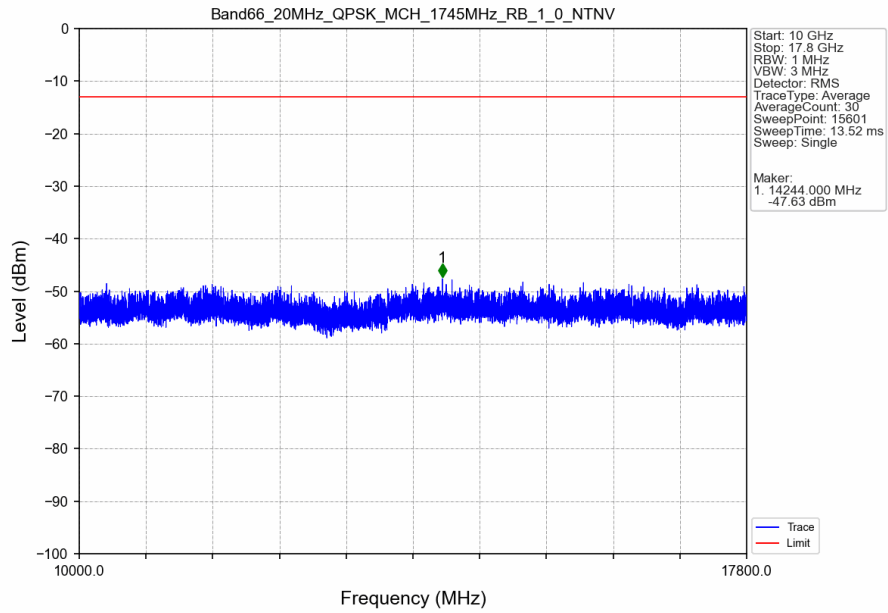


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.400	-31.25	-13	Pass
1709	1710	0.198	CHP	2	1709.800	-36.24	-13	Pass
1710	1730	0.198	CHP	/	/	/	/	/

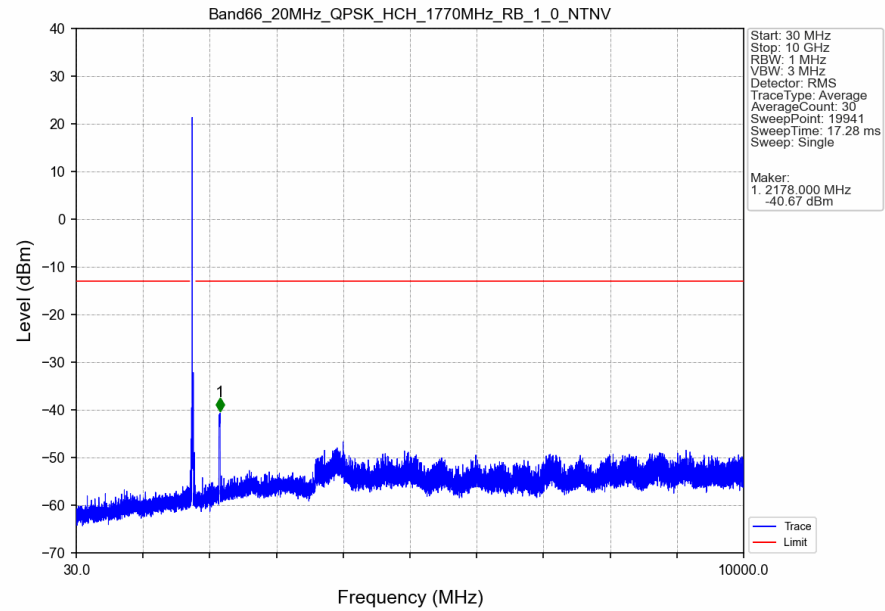
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTN



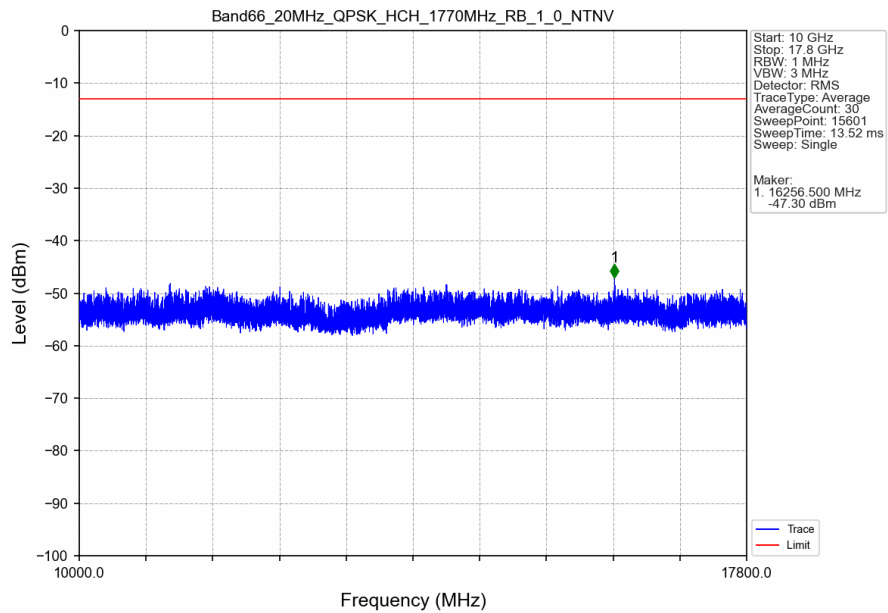
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTN



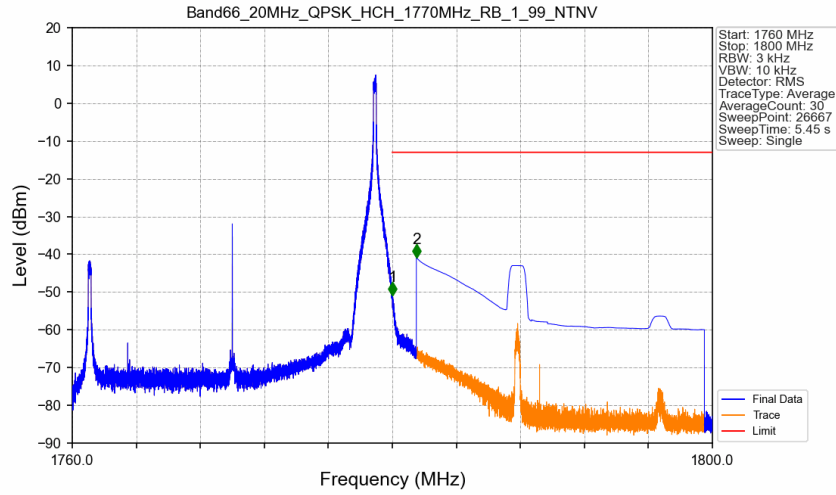
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTN

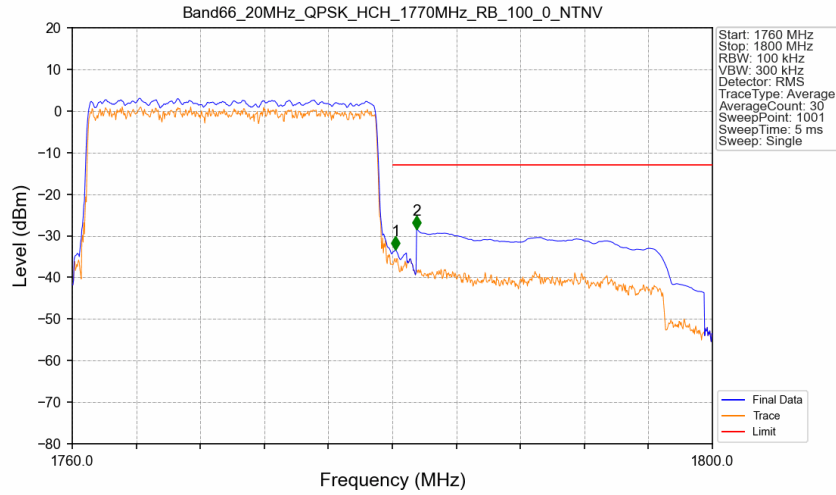


Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTV



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	1780.018	-50.92	-13	Pass
1781	1800	1	CHP	2	1781.500	-40.88	-13	Pass

Band66 20MHz QPSK HCH 1770MHz RB 100 0 NTV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.198	CHP	/	/	/	/	/
1780	1781	0.198	CHP	1	1780.200	-33.34	-13	Pass
1781	1800	1	CHP	2	1781.520	-28.32	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 66-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
3423.4	H	-52.87	-13	39.87
5135.1	H	-51.26	-13	38.26
6846.8	H	-50.96	-13	37.96
3423.4	V	-53.3	-13	40.3
5135.1	V	-52.2	-13	39.2
6846.8	V	-51.38	-13	38.38

LTE Band 66-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
3472	H	-48.59	-13	35.59
5208	H	-51.67	-13	38.67
6944	H	-51.37	-13	38.37
3472	V	-47.57	-13	34.57
5208	V	-51.42	-13	38.42
6944	V	-51.96	-13	38.96

LTE Band 66-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0				
Frequency	Spurious Emission Level		Limit	Margin
(MHz)	Polaxis	(dBm)	(dBm)	(dB)
3520.6	H	-53.64	-13	40.64
5280.9	H	-51.55	-13	38.55
7041.2	H	-51.54	-13	38.54
3520.6	V	-55.09	-13	42.09
5280.9	V	-52.91	-13	39.91
7041.2	V	-50.88	-13	37.88