

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	23.42	1.60	25.02	<=30	Pass
			5	23.47	1.60	25.07	<=30	Pass
		6	0	22.41	1.60	24.01	<=30	Pass
	1745	1	0	23.57	1.60	25.17	<=30	Pass
			5	23.52	1.60	25.12	<=30	Pass
		6	0	22.55	1.60	24.15	<=30	Pass
	1779.3	1	0	23.51	1.60	25.11	<=30	Pass
			5	23.42	1.60	25.02	<=30	Pass
		6	0	22.63	1.60	24.23	<=30	Pass
16QAM	1710.7	1	0	22.46	1.60	24.06	<=30	Pass
			5	22.44	1.60	24.04	<=30	Pass
		6	0	21.45	1.60	23.05	<=30	Pass
	1745	1	0	22.60	1.60	24.20	<=30	Pass
			5	22.58	1.60	24.18	<=30	Pass
		6	0	21.64	1.60	23.24	<=30	Pass
	1779.3	1	0	22.50	1.60	24.10	<=30	Pass
			5	21.90	1.60	23.50	<=30	Pass
		6	0	21.68	1.60	23.28	<=30	Pass
64QAM	1710.7	1	0	20.86	1.60	22.46	<=30	Pass
			5	21.63	1.60	23.23	<=30	Pass
		6	0	20.38	1.60	21.98	<=30	Pass
	1745	1	0	21.60	1.60	23.20	<=30	Pass
			5	21.58	1.60	23.18	<=30	Pass
		6	0	20.52	1.60	22.12	<=30	Pass
	1779.3	1	0	21.42	1.60	23.02	<=30	Pass
			5	21.30	1.60	22.90	<=30	Pass
		6	0	20.66	1.60	22.26	<=30	Pass
256QAM	1710.7	1	0	18.53	1.60	20.13	<=30	Pass
			5	18.53	1.60	20.13	<=30	Pass
		6	0	18.44	1.60	20.04	<=30	Pass
	1745	1	0	18.67	1.60	20.27	<=30	Pass
			5	18.74	1.60	20.34	<=30	Pass
		6	0	18.61	1.60	20.21	<=30	Pass
	1779.3	1	0	18.79	1.60	20.39	<=30	Pass
			5	18.94	1.60	20.54	<=30	Pass
		6	0	18.79	1.60	20.39	<=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	23.39	1.60	24.99	<=30	Pass
			14	23.22	1.60	24.82	<=30	Pass
		15	0	22.39	1.60	23.99	<=30	Pass
	1745	1	0	23.36	1.60	24.96	<=30	Pass

			14	23.46	1.60	25.06	<=30	Pass
		15	0	22.49	1.60	24.09	<=30	Pass
	1778.5	1	0	23.48	1.60	25.08	<=30	Pass
			14	23.52	1.60	25.12	<=30	Pass
		15	0	22.60	1.60	24.20	<=30	Pass
16QAM	1711.5	1	0	22.54	1.60	24.14	<=30	Pass
			14	22.51	1.60	24.11	<=30	Pass
		15	0	21.42	1.60	23.02	<=30	Pass
	1745	1	0	22.76	1.60	24.36	<=30	Pass
			14	22.76	1.60	24.36	<=30	Pass
		15	0	21.43	1.60	23.03	<=30	Pass
	1778.5	1	0	22.57	1.60	24.17	<=30	Pass
			14	22.71	1.60	24.31	<=30	Pass
		15	0	21.71	1.60	23.31	<=30	Pass
64QAM	1711.5	1	0	21.40	1.60	23.00	<=30	Pass
			14	21.52	1.60	23.12	<=30	Pass
		15	0	20.36	1.60	21.96	<=30	Pass
	1745	1	0	21.77	1.60	23.37	<=30	Pass
			14	21.57	1.60	23.17	<=30	Pass
		15	0	20.53	1.60	22.13	<=30	Pass
	1778.5	1	0	21.78	1.60	23.38	<=30	Pass
			14	21.60	1.60	23.20	<=30	Pass
		15	0	20.70	1.60	22.30	<=30	Pass
256QAM	1711.5	1	0	18.23	1.60	19.83	<=30	Pass
			14	18.51	1.60	20.11	<=30	Pass
		15	0	18.49	1.60	20.09	<=30	Pass
	1745	1	0	18.65	1.60	20.25	<=30	Pass
			14	18.74	1.60	20.34	<=30	Pass
		15	0	18.64	1.60	20.24	<=30	Pass
	1778.5	1	0	18.81	1.60	20.41	<=30	Pass
			14	18.82	1.60	20.42	<=30	Pass
		15	0	18.78	1.60	20.38	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	23.42	1.60	25.02	<=30	Pass
			24	23.44	1.60	25.04	<=30	Pass
		25	0	22.52	1.60	24.12	<=30	Pass
	1745	1	0	23.34	1.60	24.94	<=30	Pass
			24	23.24	1.60	24.84	<=30	Pass
		25	0	22.31	1.60	23.91	<=30	Pass
	1777.5	1	0	23.50	1.60	25.10	<=30	Pass
			24	23.75	1.60	25.35	<=30	Pass
		25	0	22.77	1.60	24.37	<=30	Pass
16QAM	1712.5	1	0	22.47	1.60	24.07	<=30	Pass
			24	22.56	1.60	24.16	<=30	Pass
		25	0	21.49	1.60	23.09	<=30	Pass
	1745	1	0	22.61	1.60	24.21	<=30	Pass
			24	22.78	1.60	24.38	<=30	Pass
		25	0	21.61	1.60	23.21	<=30	Pass
	1777.5	1	0	22.96	1.60	24.56	<=30	Pass
			24	23.07	1.60	24.67	<=30	Pass
		25	0	21.76	1.60	23.36	<=30	Pass

64QAM	1712.5	1	0	21.19	1.60	22.79	<=30	Pass
			24	21.27	1.60	22.87	<=30	Pass
		25	0	20.45	1.60	22.05	<=30	Pass
	1745	1	0	21.42	1.60	23.02	<=30	Pass
			24	21.45	1.60	23.05	<=30	Pass
		25	0	20.65	1.60	22.25	<=30	Pass
	1777.5	1	0	21.52	1.60	23.12	<=30	Pass
			24	21.54	1.60	23.14	<=30	Pass
		25	0	20.78	1.60	22.38	<=30	Pass
256QAM	1712.5	1	0	18.62	1.60	20.22	<=30	Pass
			24	18.50	1.60	20.10	<=30	Pass
		25	0	18.51	1.60	20.11	<=30	Pass
	1745	1	0	18.54	1.60	20.14	<=30	Pass
			24	18.71	1.60	20.31	<=30	Pass
		25	0	18.68	1.60	20.28	<=30	Pass
	1777.5	1	0	18.71	1.60	20.31	<=30	Pass
			24	18.89	1.60	20.49	<=30	Pass
		25	0	18.81	1.60	20.41	<=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	23.27	1.60	24.87	<=30	Pass
			49	23.59	1.60	25.19	<=30	Pass
		50	0	22.45	1.60	24.05	<=30	Pass
	1745	1	0	23.67	1.60	25.27	<=30	Pass
			49	23.74	1.60	25.34	<=30	Pass
		50	0	22.66	1.60	24.26	<=30	Pass
	1775	1	0	23.59	1.60	25.19	<=30	Pass
			49	23.71	1.60	25.31	<=30	Pass
		50	0	22.37	1.60	23.97	<=30	Pass
16QAM	1715	1	0	22.71	1.60	24.31	<=30	Pass
			49	22.72	1.60	24.32	<=30	Pass
		50	0	21.17	1.60	22.77	<=30	Pass
	1745	1	0	22.83	1.60	24.43	<=30	Pass
			49	22.90	1.60	24.50	<=30	Pass
		50	0	21.65	1.60	23.25	<=30	Pass
	1775	1	0	22.90	1.60	24.50	<=30	Pass
			49	22.92	1.60	24.52	<=30	Pass
		50	0	21.78	1.60	23.38	<=30	Pass
64QAM	1715	1	0	21.47	1.60	23.07	<=30	Pass
			49	21.20	1.60	22.80	<=30	Pass
		50	0	20.47	1.60	22.07	<=30	Pass
	1745	1	0	21.45	1.60	23.05	<=30	Pass
			49	21.71	1.60	23.31	<=30	Pass
		50	0	20.67	1.60	22.27	<=30	Pass
	1775	1	0	21.94	1.60	23.54	<=30	Pass
			49	21.88	1.60	23.48	<=30	Pass
		50	0	20.76	1.60	22.36	<=30	Pass
256QAM	1715	1	0	18.49	1.60	20.09	<=30	Pass
			49	18.66	1.60	20.26	<=30	Pass
		50	0	18.55	1.60	20.15	<=30	Pass
	1745	1	0	18.72	1.60	20.32	<=30	Pass
			49	18.87	1.60	20.47	<=30	Pass

	1775	50	0	18.70	1.60	20.30	<=30	Pass
		1	0	18.60	1.60	20.20	<=30	Pass
			49	18.67	1.60	20.27	<=30	Pass
		50	0	18.79	1.60	20.39	<=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	23.57	1.60	25.17	<=30	Pass
			74	23.48	1.60	25.08	<=30	Pass
		75	0	22.45	1.60	24.05	<=30	Pass
	1745	1	0	23.60	1.60	25.20	<=30	Pass
			74	23.72	1.60	25.32	<=30	Pass
		75	0	22.69	1.60	24.29	<=30	Pass
	1772.5	1	0	23.66	1.60	25.26	<=30	Pass
			74	23.77	1.60	25.37	<=30	Pass
		75	0	22.50	1.60	24.10	<=30	Pass
16QAM	1717.5	1	0	22.65	1.60	24.25	<=30	Pass
			74	22.67	1.60	24.27	<=30	Pass
		75	0	21.37	1.60	22.97	<=30	Pass
	1745	1	0	22.84	1.60	24.44	<=30	Pass
			74	22.75	1.60	24.35	<=30	Pass
		75	0	21.69	1.60	23.29	<=30	Pass
	1772.5	1	0	22.82	1.60	24.42	<=30	Pass
			74	23.08	1.60	24.68	<=30	Pass
		75	0	21.78	1.60	23.38	<=30	Pass
64QAM	1717.5	1	0	21.53	1.60	23.13	<=30	Pass
			74	21.51	1.60	23.11	<=30	Pass
		75	0	20.39	1.60	21.99	<=30	Pass
	1745	1	0	21.70	1.60	23.30	<=30	Pass
			74	21.75	1.60	23.35	<=30	Pass
		75	0	20.62	1.60	22.22	<=30	Pass
	1772.5	1	0	21.76	1.60	23.36	<=30	Pass
			74	22.00	1.60	23.60	<=30	Pass
		75	0	20.76	1.60	22.36	<=30	Pass
256QAM	1717.5	1	0	18.60	1.60	20.20	<=30	Pass
			74	18.69	1.60	20.29	<=30	Pass
		75	0	18.56	1.60	20.16	<=30	Pass
	1745	1	0	18.74	1.60	20.34	<=30	Pass
			74	18.94	1.60	20.54	<=30	Pass
		75	0	18.76	1.60	20.36	<=30	Pass
	1772.5	1	0	18.82	1.60	20.42	<=30	Pass
			74	19.04	1.60	20.64	<=30	Pass
		75	0	18.90	1.60	20.50	<=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	23.55	1.60	25.15	<=30	Pass
			99	23.58	1.60	25.18	<=30	Pass

	1745	100	0	22.48	1.60	24.08	<=30	Pass
		1	0	23.58	1.60	25.18	<=30	Pass
			99	23.78	1.60	25.38	<=30	Pass
		100	0	22.71	1.60	24.31	<=30	Pass
	1770	1	0	23.63	1.60	25.23	<=30	Pass
			99	23.78	1.60	25.38	<=30	Pass
100		0	22.81	1.60	24.41	<=30	Pass	
16QAM	1720	1	0	22.78	1.60	24.38	<=30	Pass
			99	22.77	1.60	24.37	<=30	Pass
		100	0	21.45	1.60	23.05	<=30	Pass
	1745	1	0	22.80	1.60	24.40	<=30	Pass
			99	23.09	1.60	24.69	<=30	Pass
		100	0	21.71	1.60	23.31	<=30	Pass
	1770	1	0	22.89	1.60	24.49	<=30	Pass
			99	23.08	1.60	24.68	<=30	Pass
		100	0	21.83	1.60	23.43	<=30	Pass
64QAM	1720	1	0	21.56	1.60	23.16	<=30	Pass
			99	21.74	1.60	23.34	<=30	Pass
		100	0	20.45	1.60	22.05	<=30	Pass
	1745	1	0	21.50	1.60	23.10	<=30	Pass
			99	21.94	1.60	23.54	<=30	Pass
		100	0	20.69	1.60	22.29	<=30	Pass
	1770	1	0	21.81	1.60	23.41	<=30	Pass
			99	22.06	1.60	23.66	<=30	Pass
		100	0	20.79	1.60	22.39	<=30	Pass
256QAM	1720	1	0	18.67	1.60	20.27	<=30	Pass
			99	18.70	1.60	20.30	<=30	Pass
		100	0	18.50	1.60	20.10	<=30	Pass
	1745	1	0	18.73	1.60	20.33	<=30	Pass
			99	18.89	1.60	20.49	<=30	Pass
		100	0	18.73	1.60	20.33	<=30	Pass
	1770	1	0	18.87	1.60	20.47	<=30	Pass
			99	19.00	1.60	20.60	<=30	Pass
		100	0	18.86	1.60	20.46	<=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	LV	-2.800	-0.0016	-2.5 to 2.5	Pass
					NV	-0.900	-0.0005	-2.5 to 2.5	Pass
					HV	-3.900	-0.0022	-2.5 to 2.5	Pass
				-30	NV	-1.900	-0.0011	-2.5 to 2.5	Pass
				-20	NV	3.300	0.0019	-2.5 to 2.5	Pass
				-10	NV	2.000	0.0011	-2.5 to 2.5	Pass
				0	NV	-2.900	-0.0017	-2.5 to 2.5	Pass
				10	NV	3.200	0.0018	-2.5 to 2.5	Pass
				30	NV	-2.500	-0.0014	-2.5 to 2.5	Pass
				40	NV	-0.700	-0.0004	-2.5 to 2.5	Pass
				50	NV	-0.600	-0.0003	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

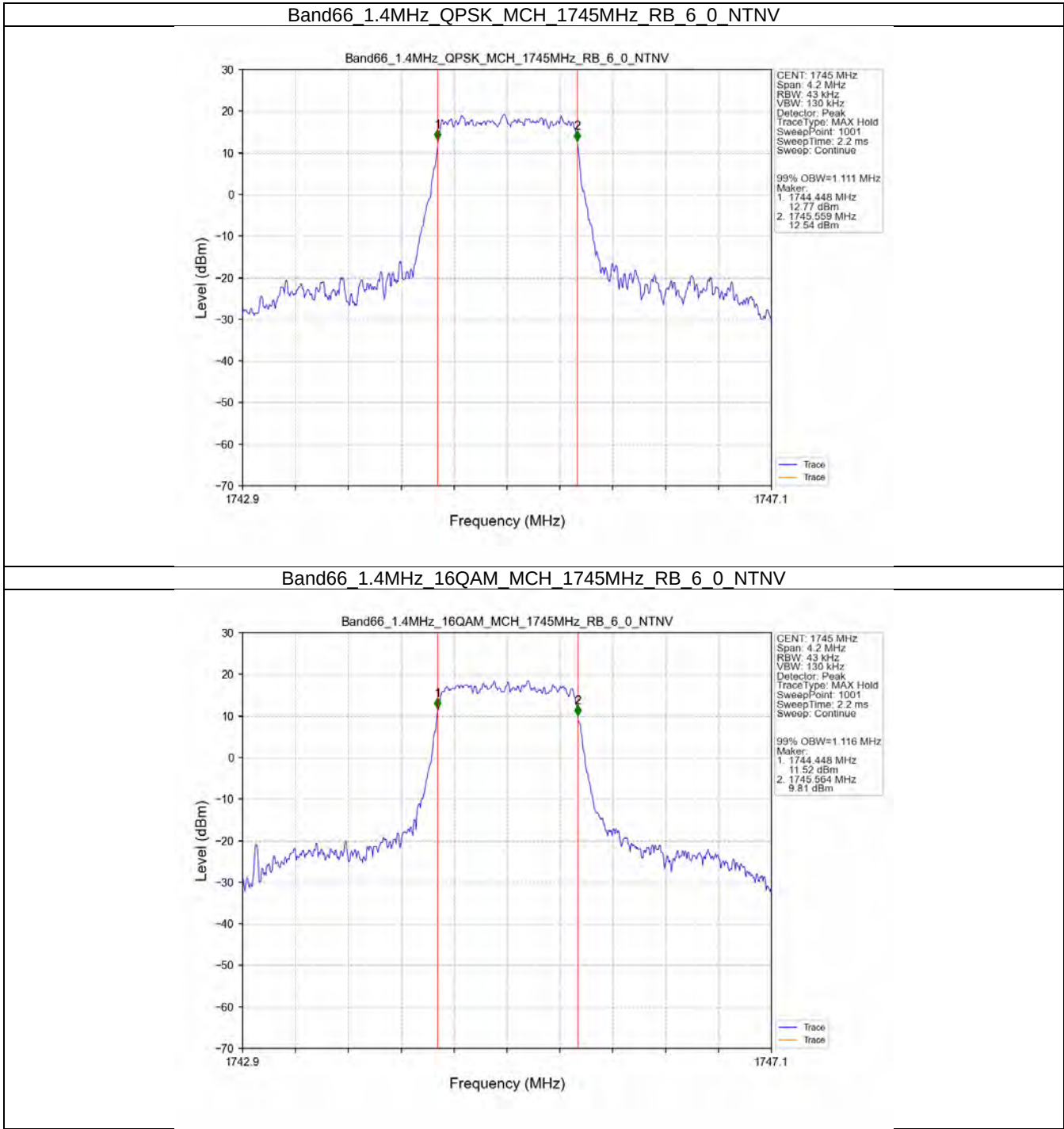
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.111	/	Pass
	16QAM	1745	6	0	1.116	/	Pass
3	QPSK	1745	15	0	2.735	/	Pass
	16QAM	1745	15	0	2.721	/	Pass
5	QPSK	1745	25	0	4.559	/	Pass
	16QAM	1745	25	0	4.531	/	Pass
10	QPSK	1745	50	0	9.045	/	Pass
	16QAM	1745	50	0	9.039	/	Pass
15	QPSK	1745	75	0	13.561	/	Pass
	16QAM	1745	75	0	13.556	/	Pass
20	QPSK	1745	100	0	18.103	/	Pass
	16QAM	1745	100	0	18.139	/	Pass

3.1.2 Band66_XDB

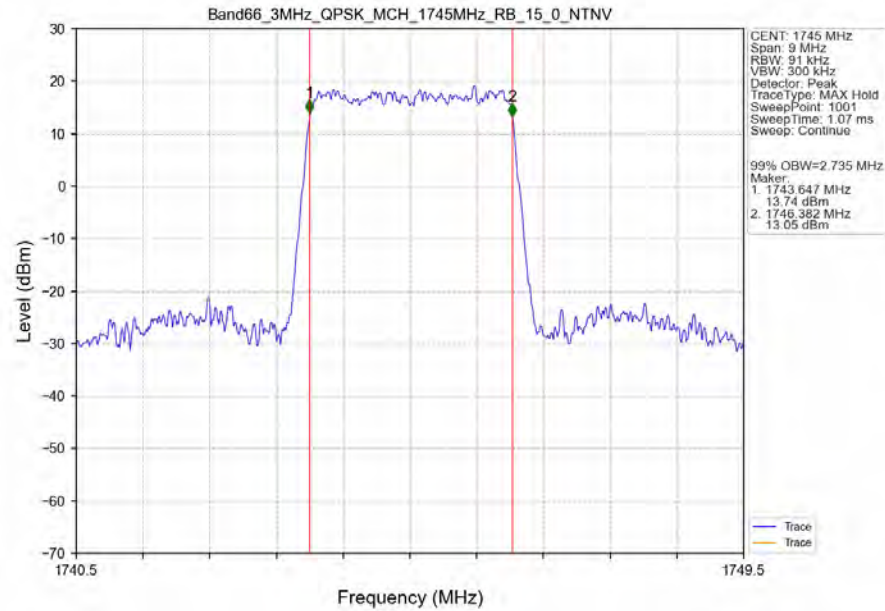
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.320	/	Pass
	16QAM	1745	6	0	1.316	/	Pass
3	QPSK	1745	15	0	3.013	/	Pass
	16QAM	1745	15	0	3.017	/	Pass
5	QPSK	1745	25	0	5.002	/	Pass
	16QAM	1745	25	0	5.034	/	Pass
10	QPSK	1745	50	0	9.972	/	Pass
	16QAM	1745	50	0	9.917	/	Pass
15	QPSK	1745	75	0	14.856	/	Pass
	16QAM	1745	75	0	15.088	/	Pass
20	QPSK	1745	100	0	19.886	/	Pass
	16QAM	1745	100	0	19.740	/	Pass

3.2 Test Graph

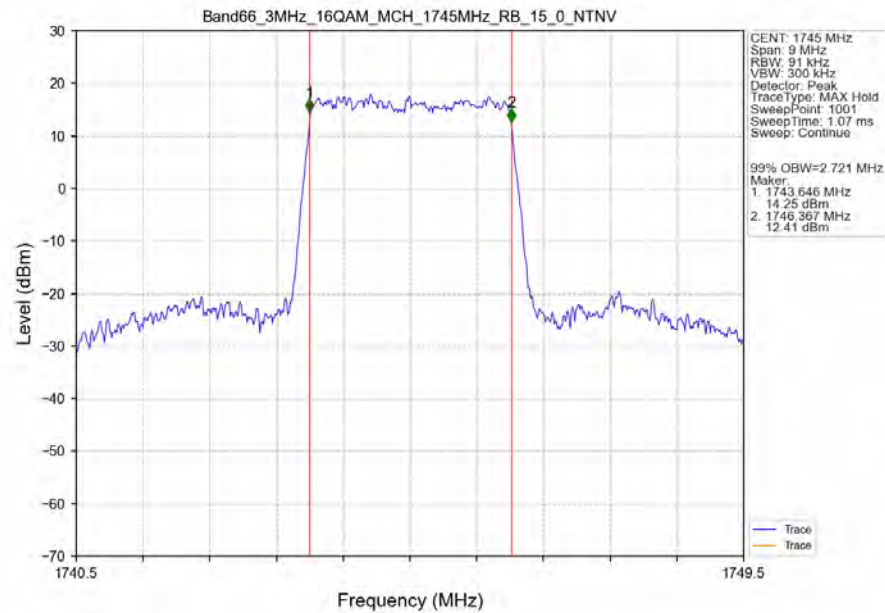
3.2.1 Band66_OBW



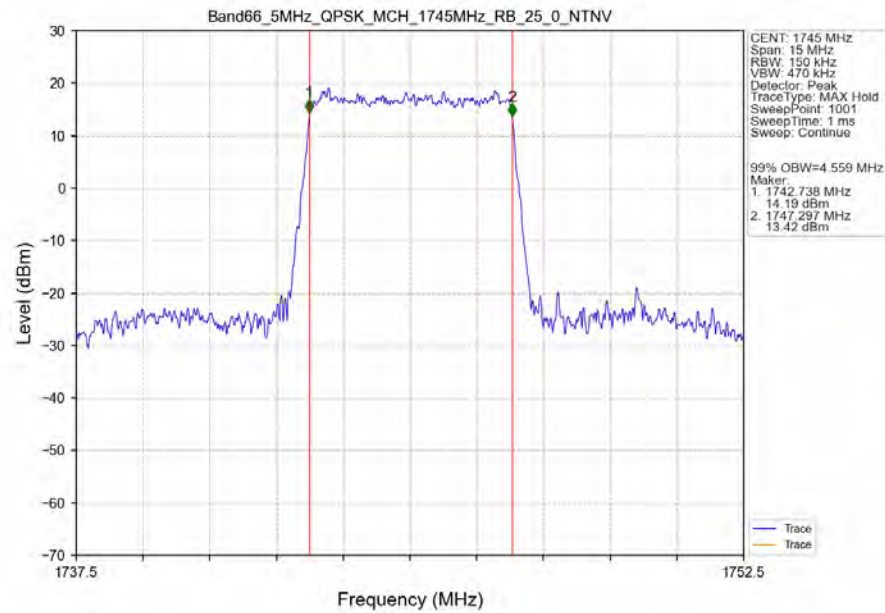
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



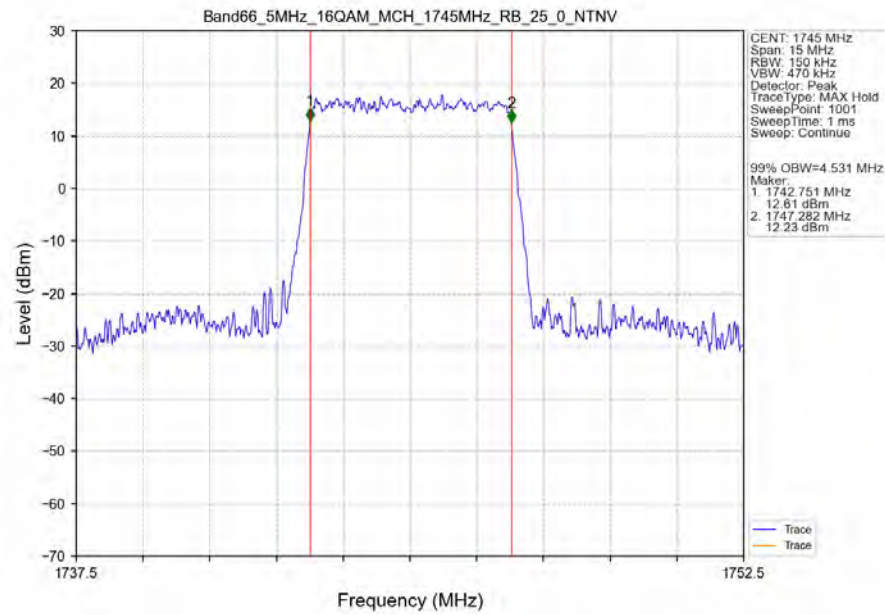
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTNV



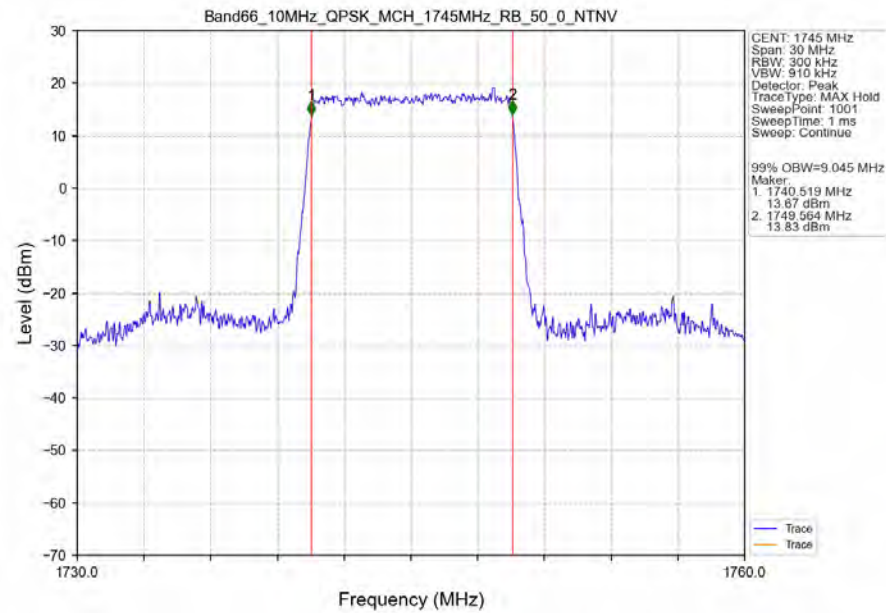
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



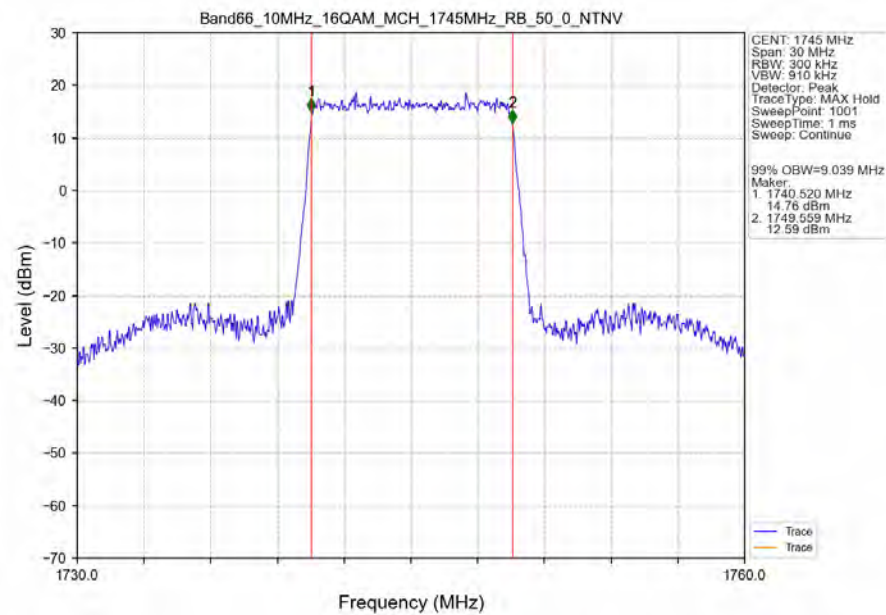
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTNV



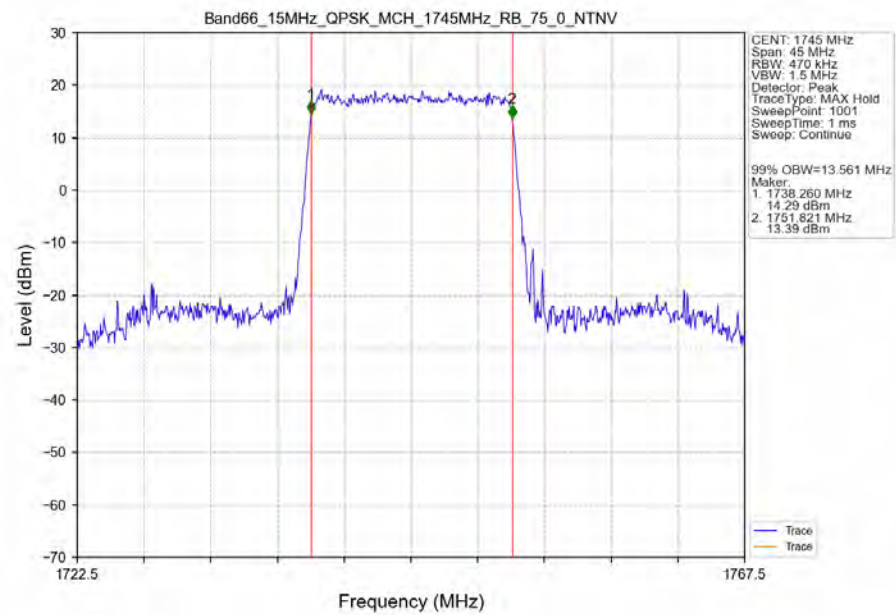
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



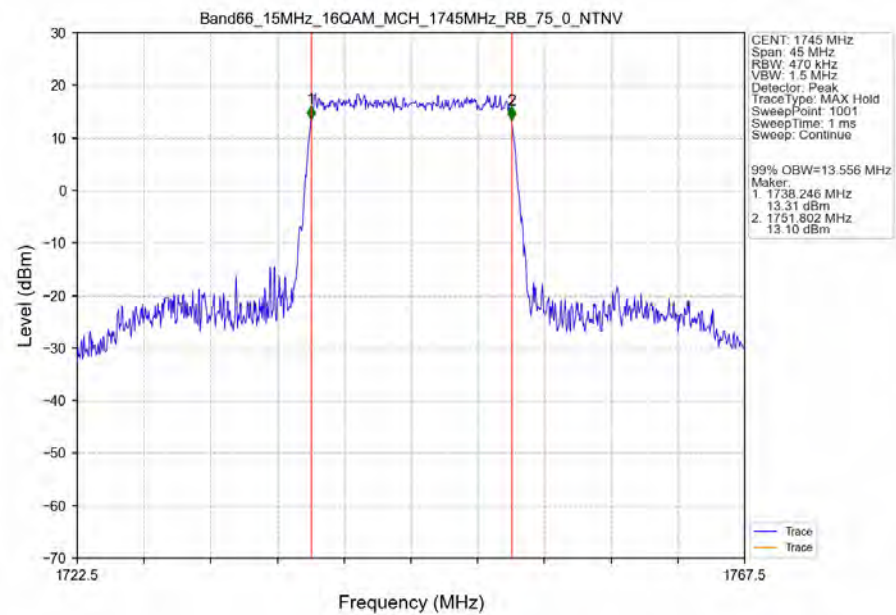
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTV



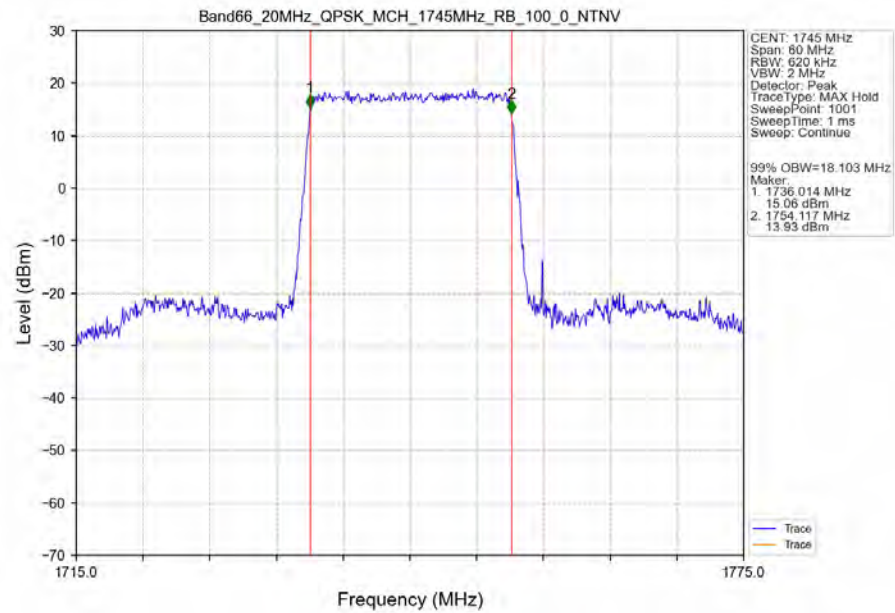
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



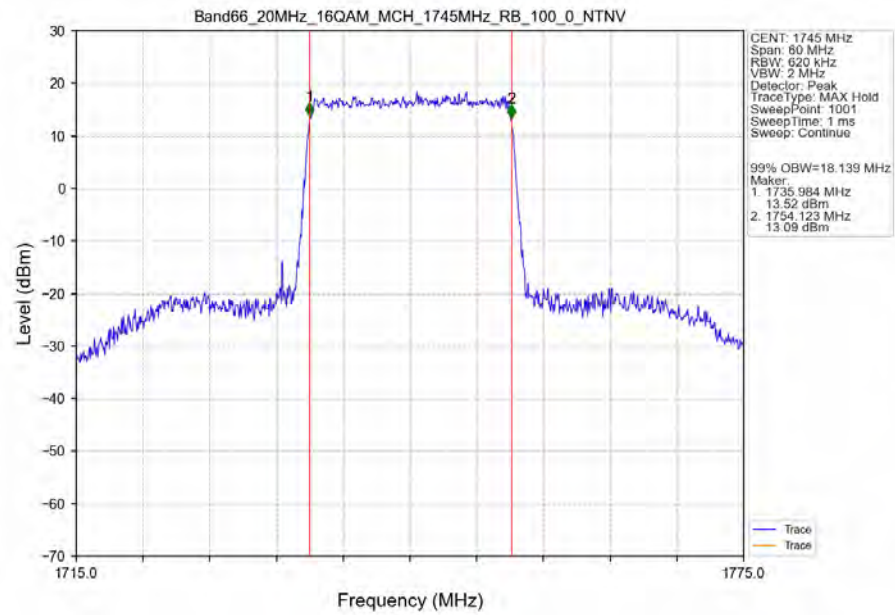
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



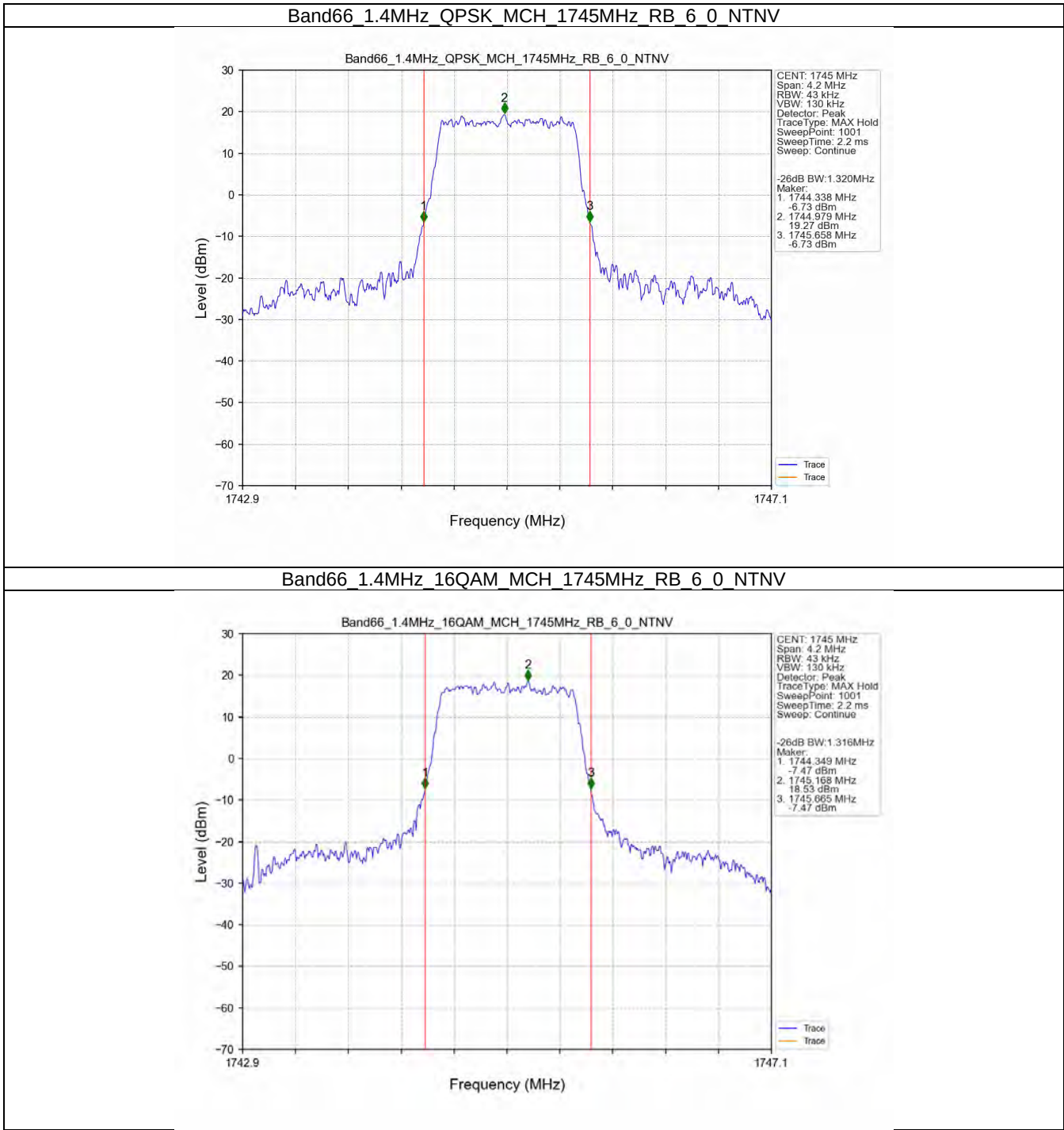
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



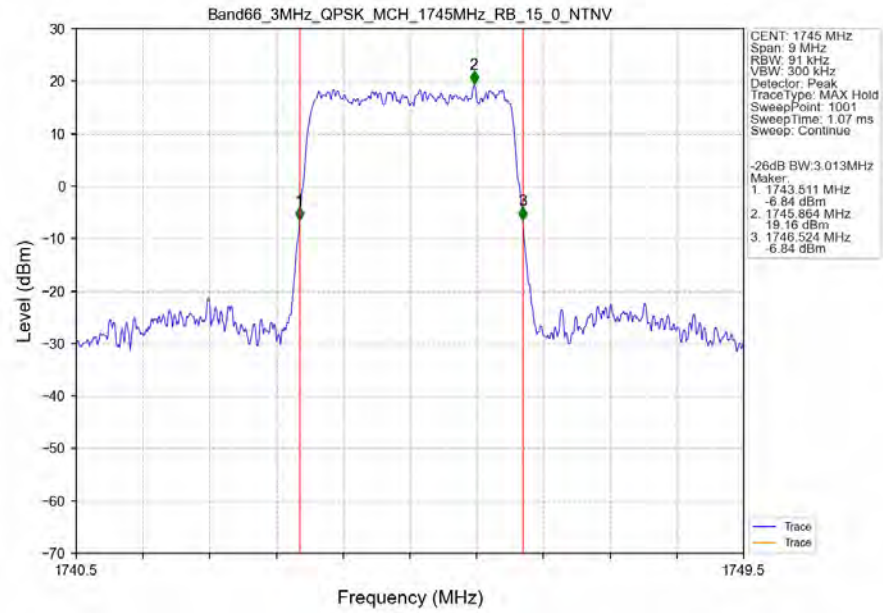
Band66 20MHz 16QAM MCH 1745MHz RB 100 0 NTV



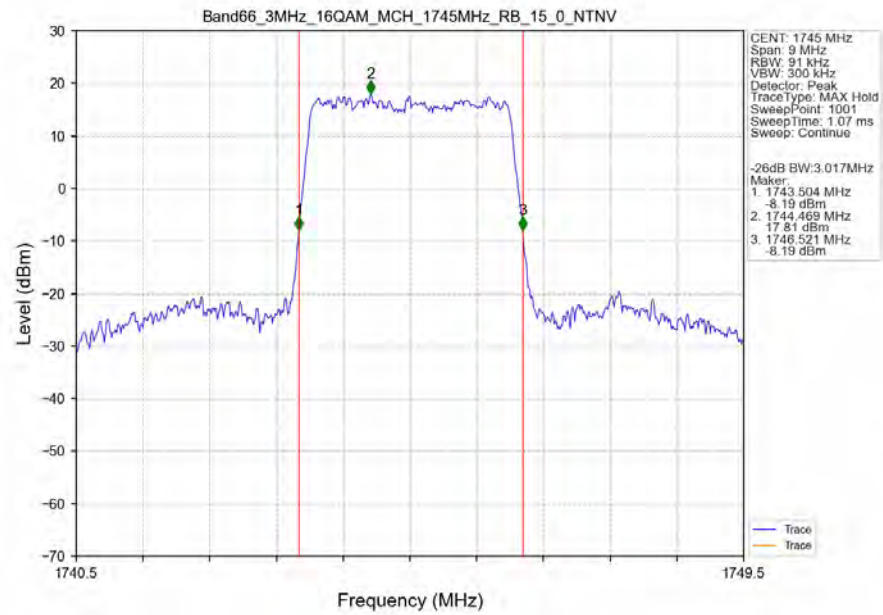
3.2.2 Band66_XDB



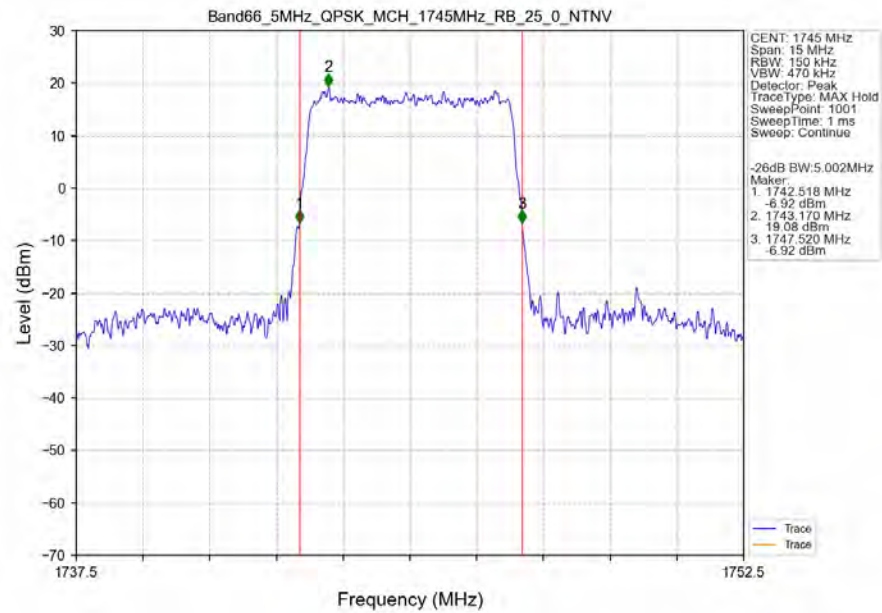
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTV



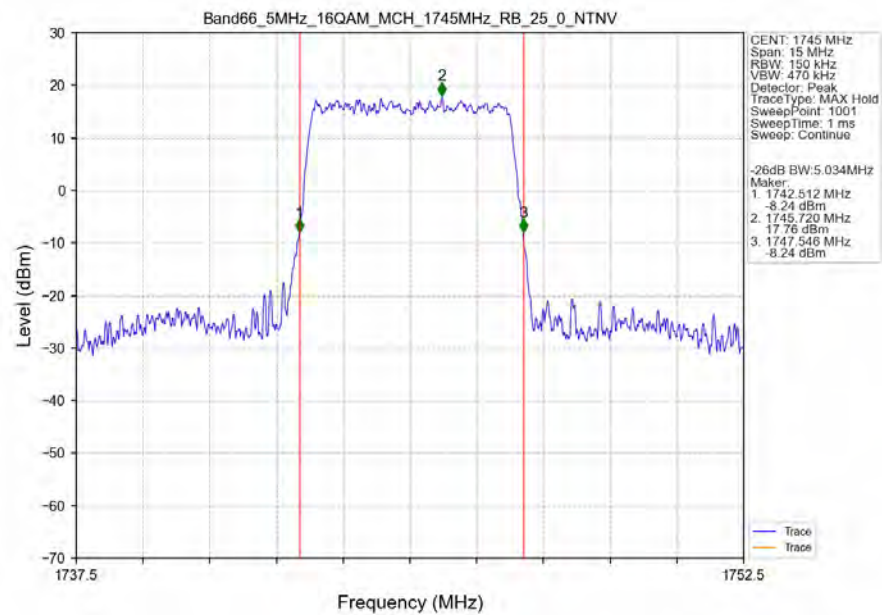
Band66 3MHz 16QAM MCH 1745MHz RB 15 0 NTV



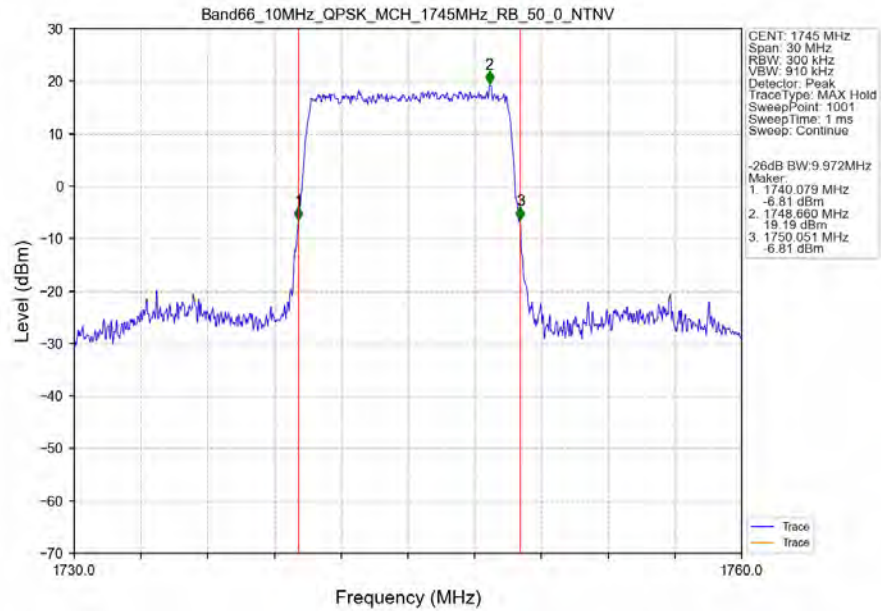
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTN



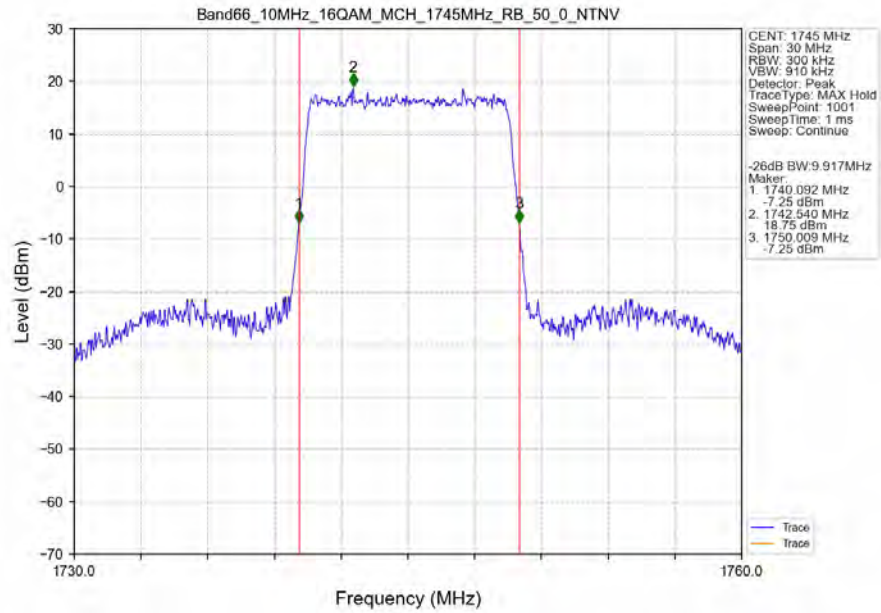
Band66 5MHz 16QAM MCH 1745MHz RB 25 0 NTN



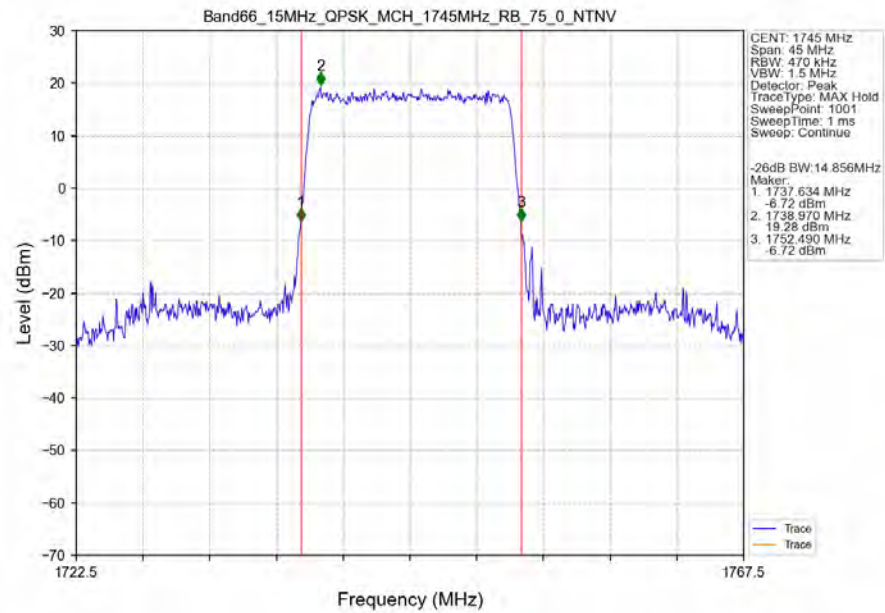
Band66 10MHz QPSK MCH 1745MHz RB 50 0 NTV



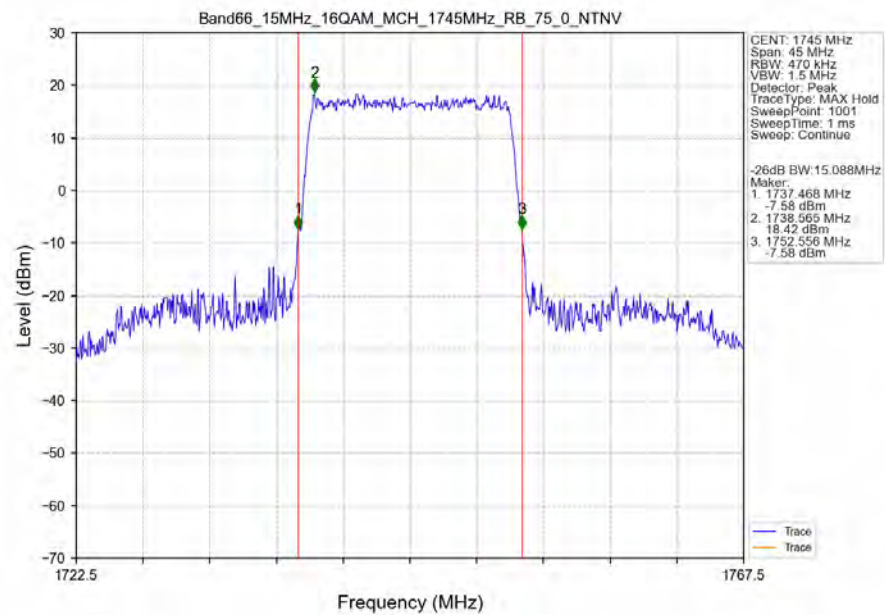
Band66 10MHz 16QAM MCH 1745MHz RB 50 0 NTV



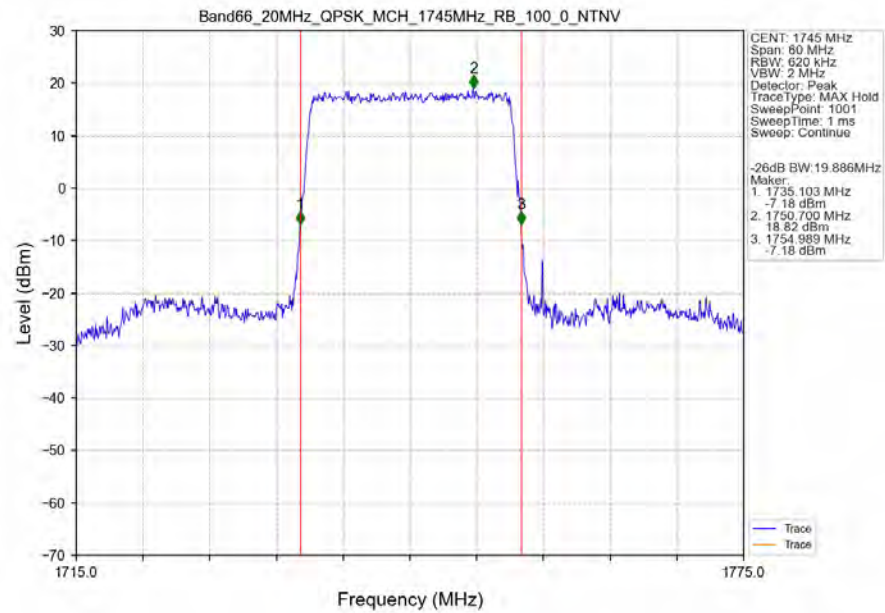
Band66 15MHz QPSK MCH 1745MHz RB 75 0 NTNV



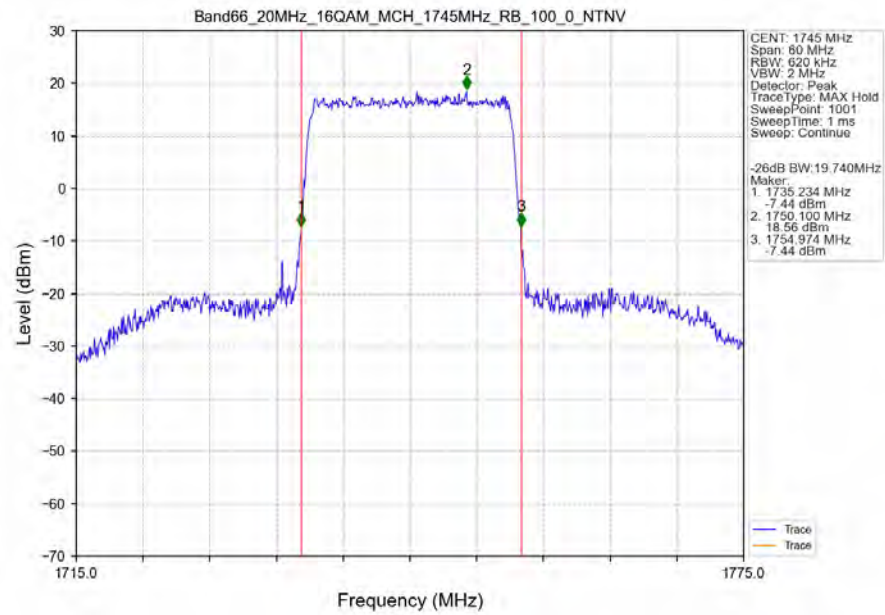
Band66 15MHz 16QAM MCH 1745MHz RB 75 0 NTNV



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTV



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



4. Peak-Average Ratio

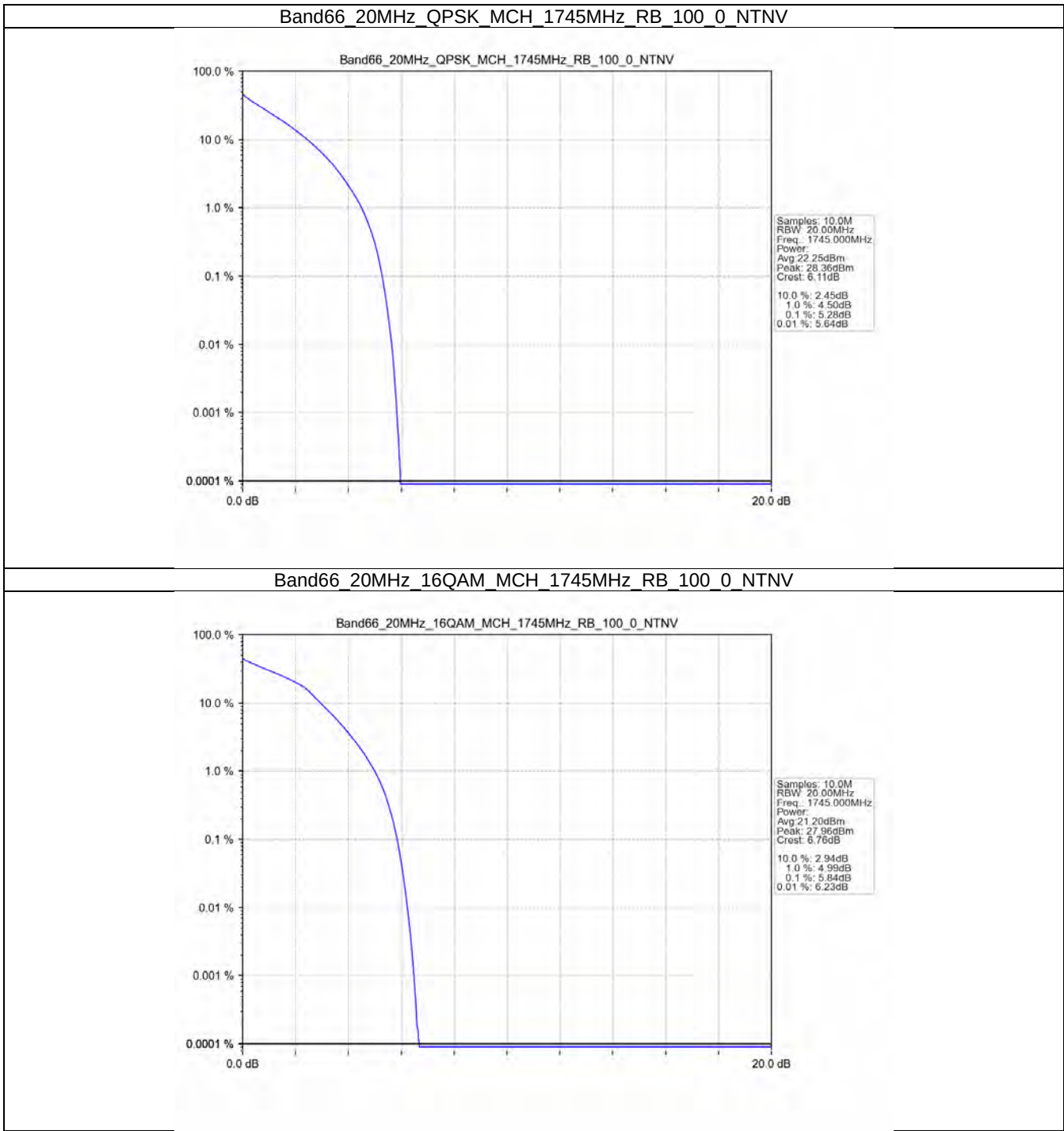
4.1 Test Result

4.1.1 B66_20MHz

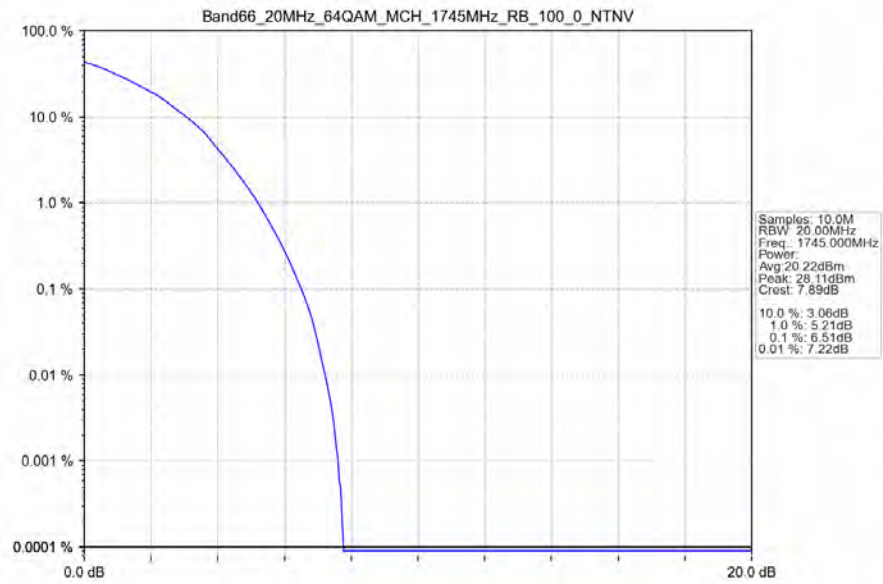
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.28	<=13	Pass
16QAM	1745	100	0	5.84	<=13	Pass
64QAM	1745	100	0	6.51	<=13	Pass
256QAM	1745	100	0	6.49	<=13	Pass

4.2 Test Graph

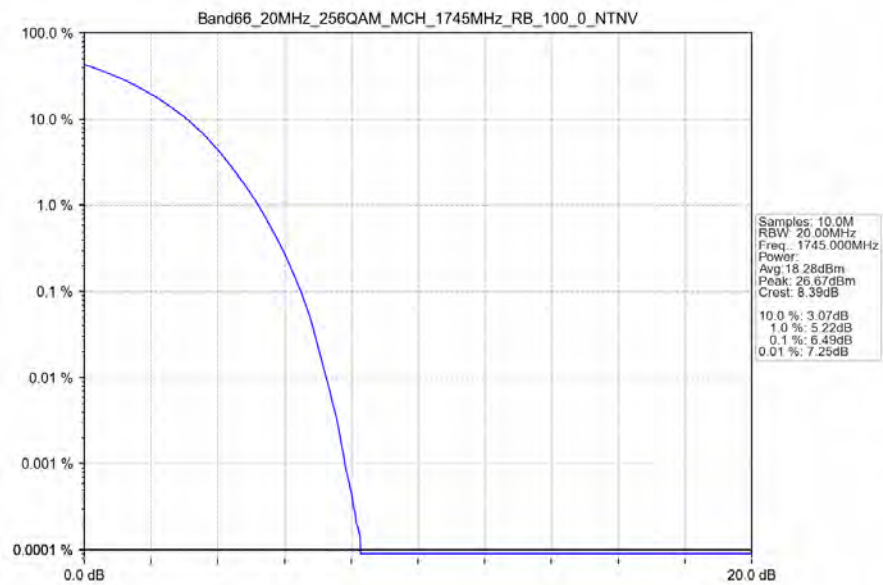
4.2.1 B66_20MHz



Band66 20MHz 64QAM MCH 1745MHz RB 100 0 NTN



Band66 20MHz 256QAM MCH 1745MHz RB 100 0 NTN



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 / NTVN						
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

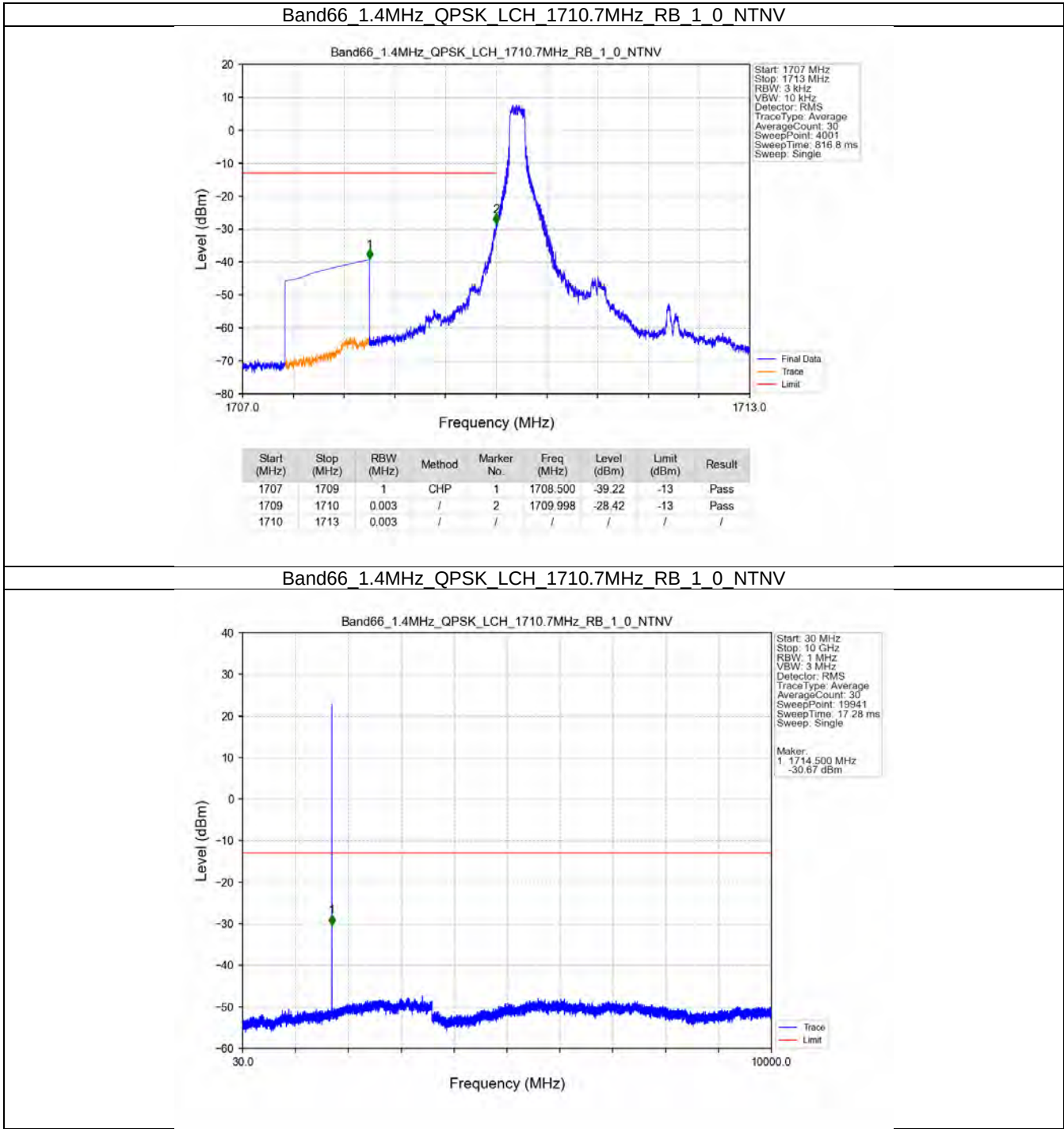
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

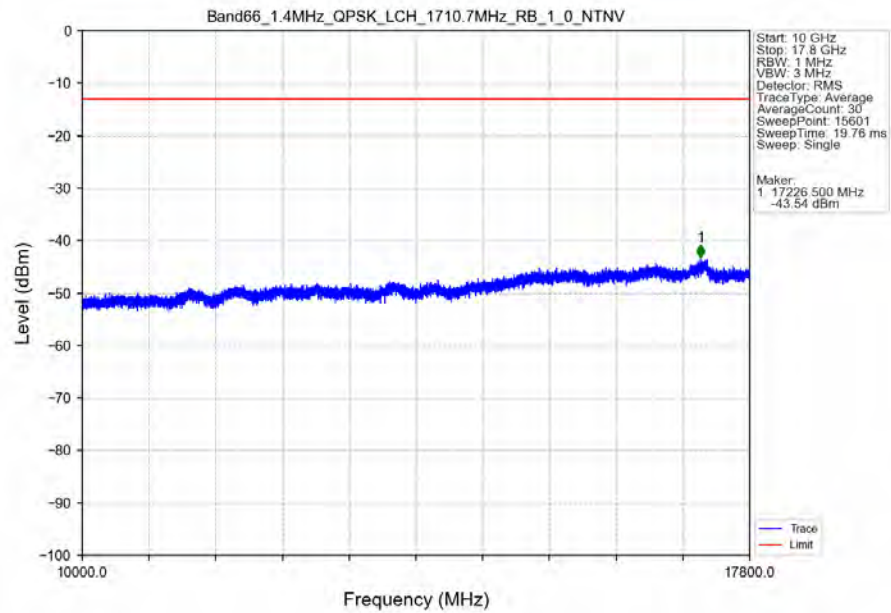
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

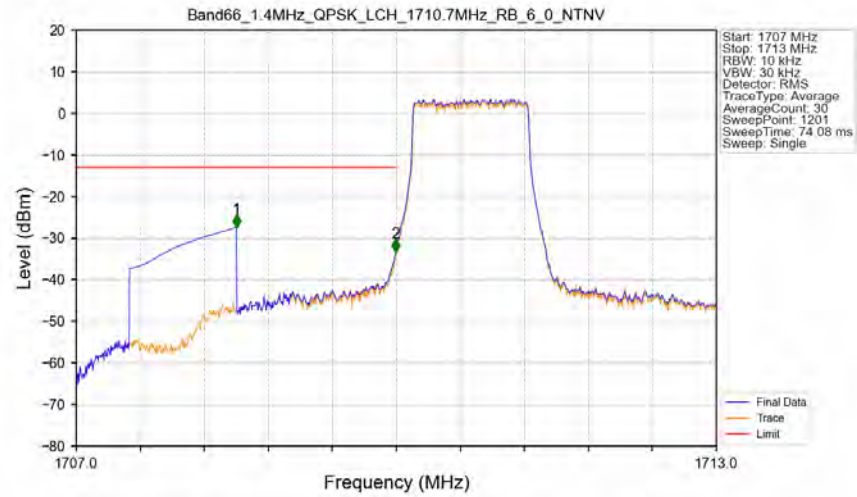
5.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

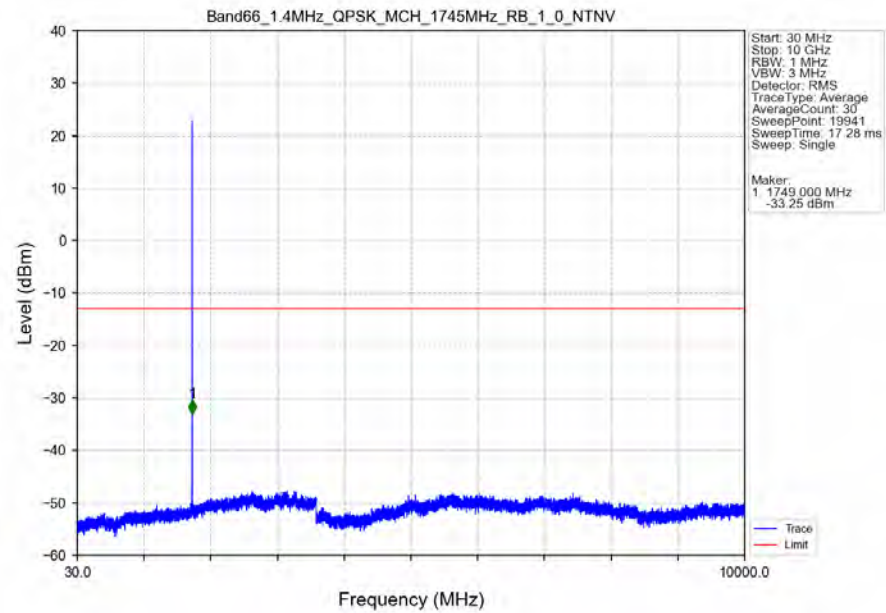


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

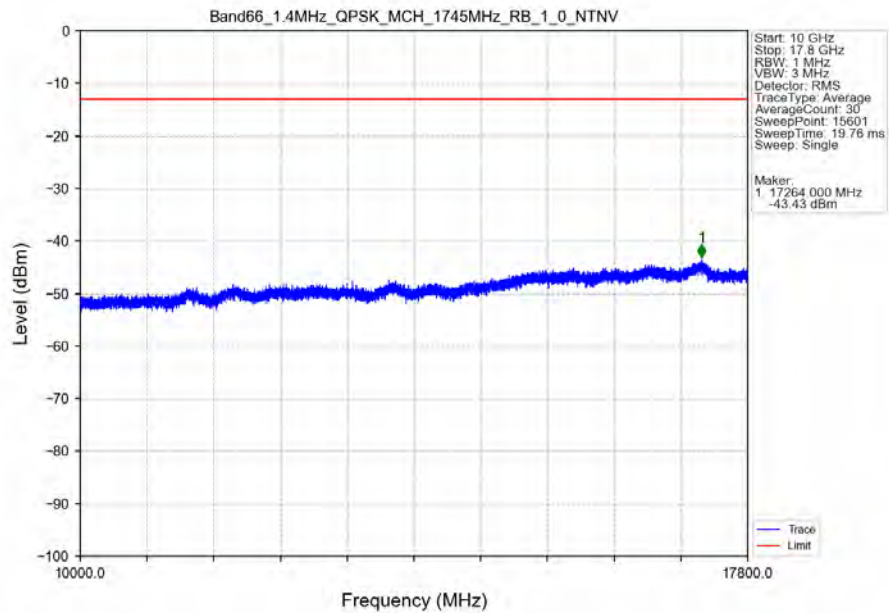


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-27.42	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-33.40	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

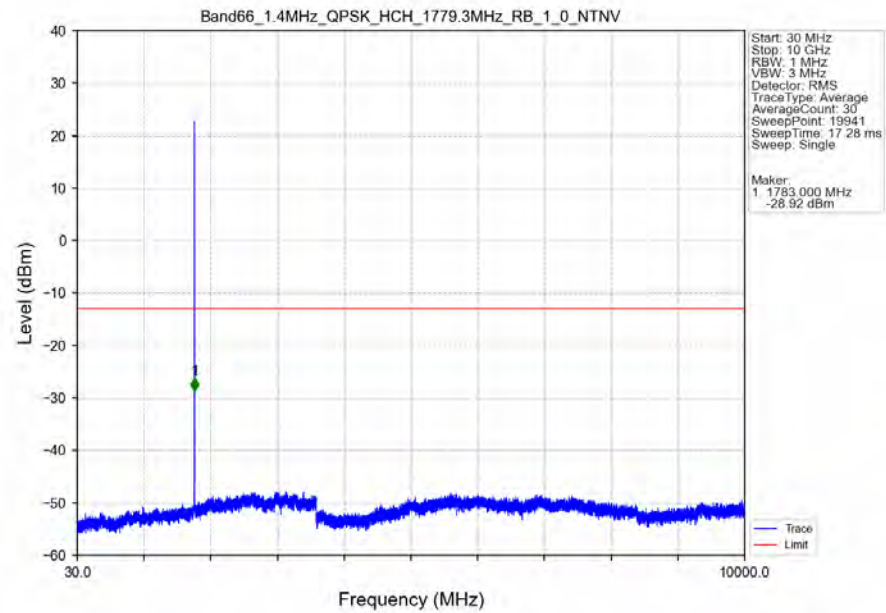
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



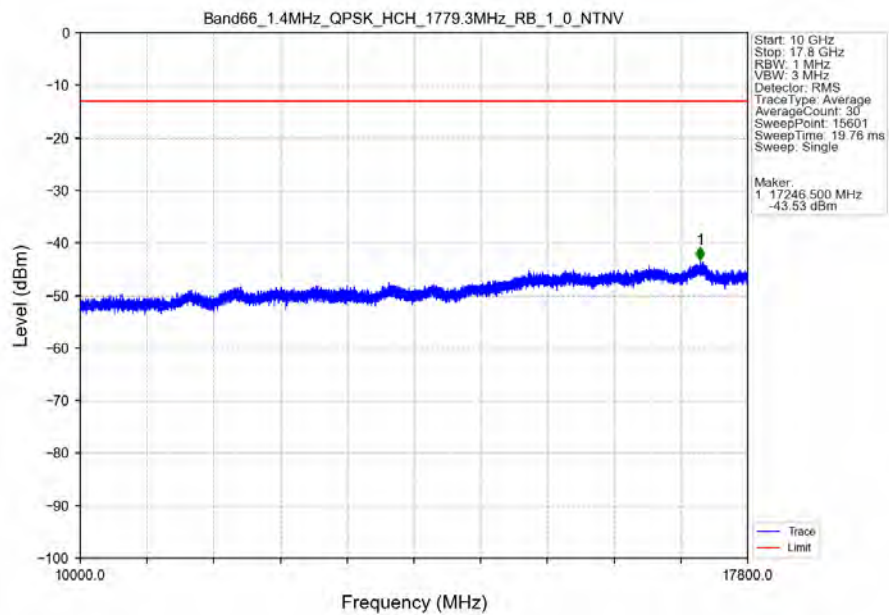
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



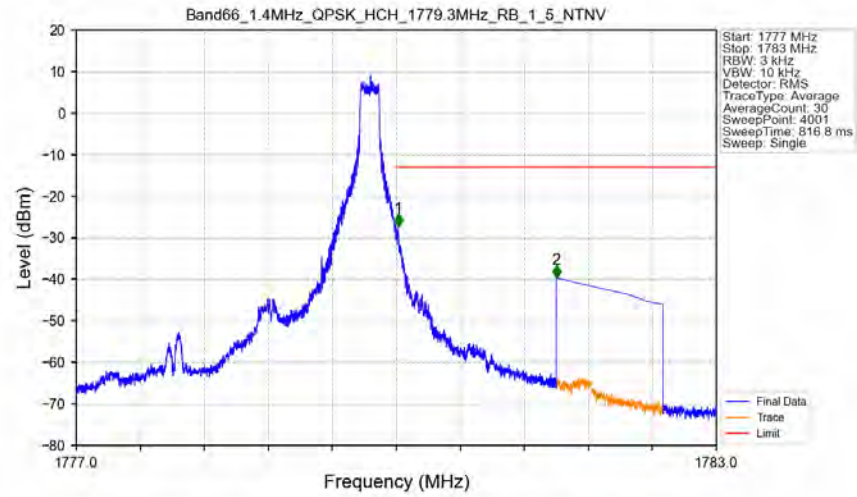
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTV

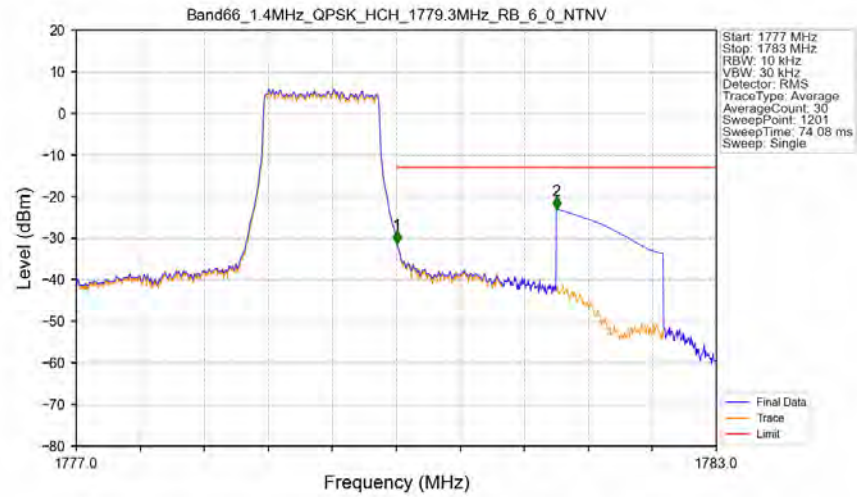


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTNV



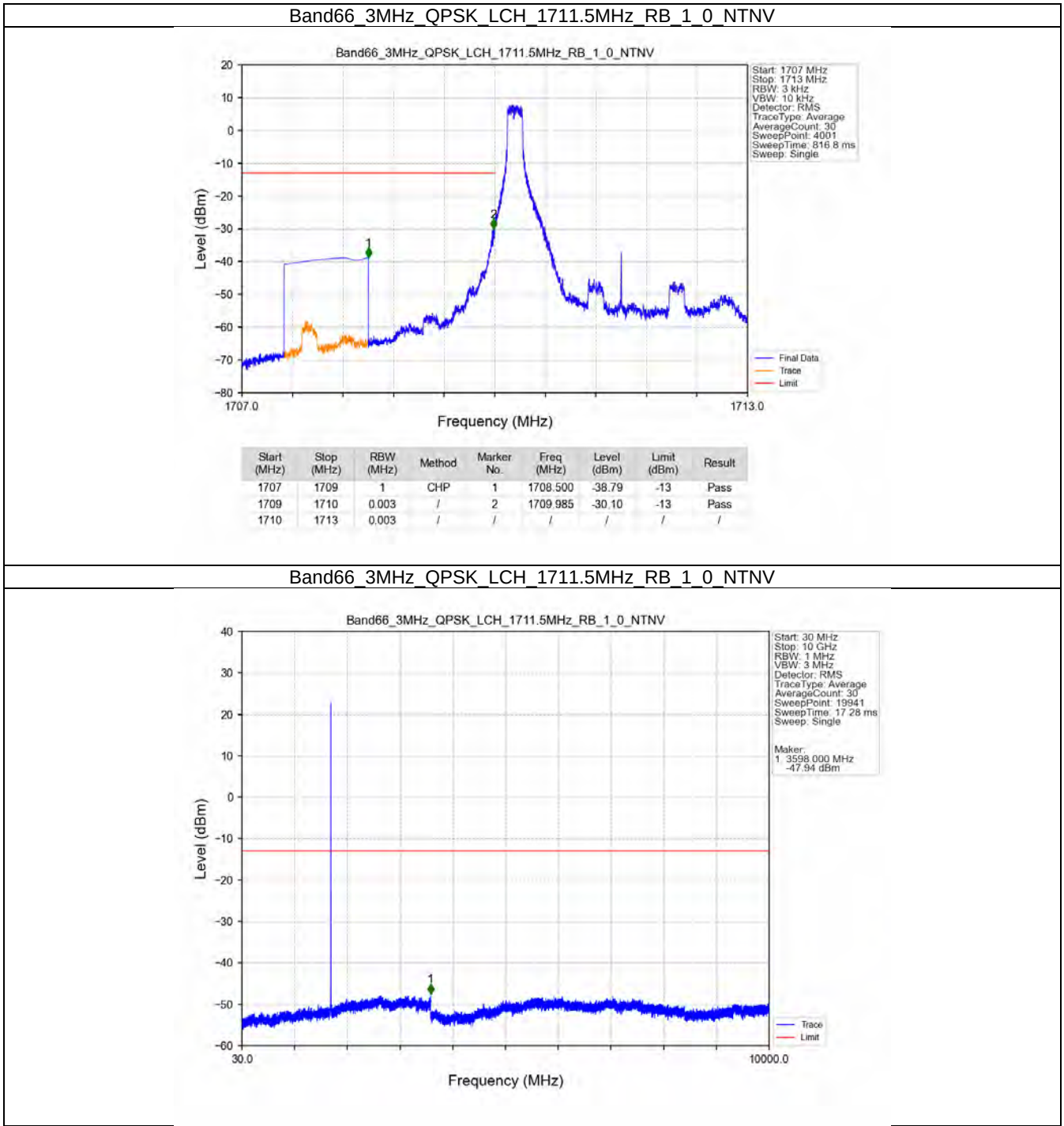
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.018	-27.37	-13	Pass
1781	1783	1	CHP	2	1781.500	-39.64	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTNV

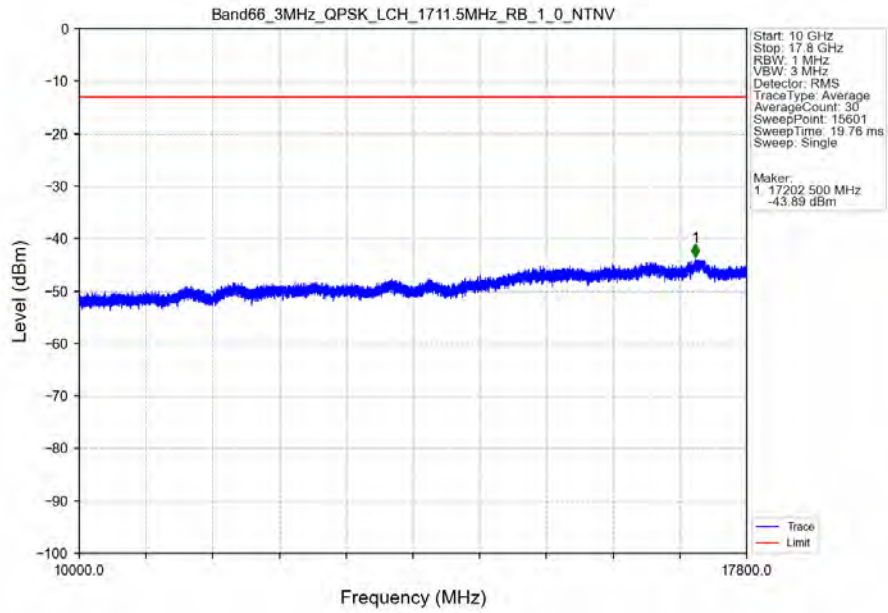


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.005	-31.27	-13	Pass
1781	1783	1	CHP	2	1781.500	-23.03	-13	Pass

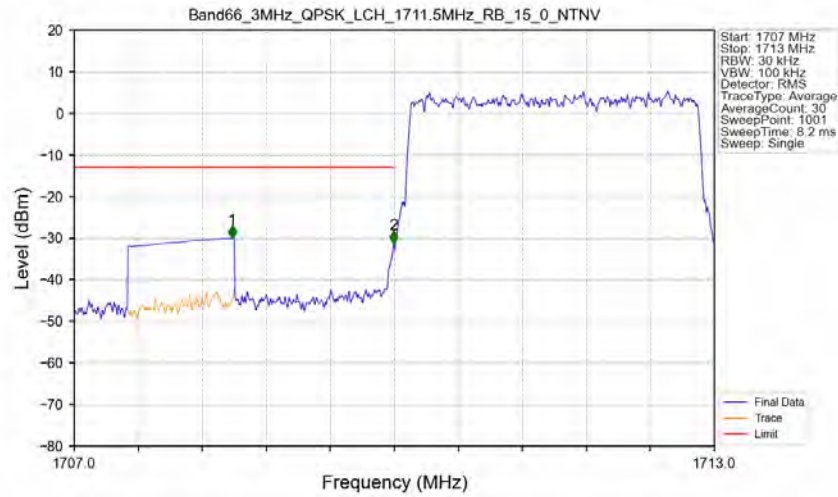
5.2.2 B66_3MHz



Band66 3MHz QPSK LCH 1711.5MHz RB 1 0 NTNV

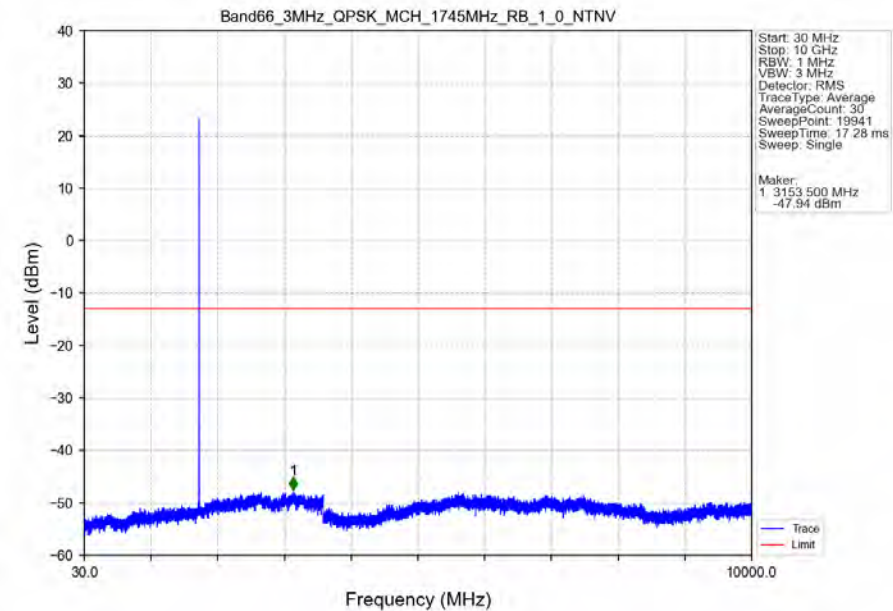


Band66 3MHz QPSK LCH 1711.5MHz RB 15 0 NTNV

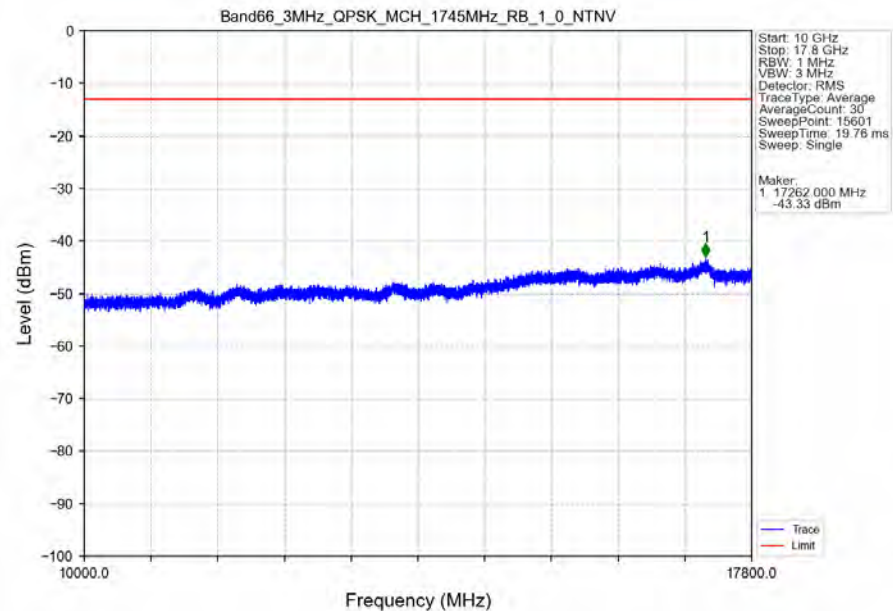


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.482	-30.08	-13	Pass
1709	1710	0.03	/	2	1709.994	-31.35	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

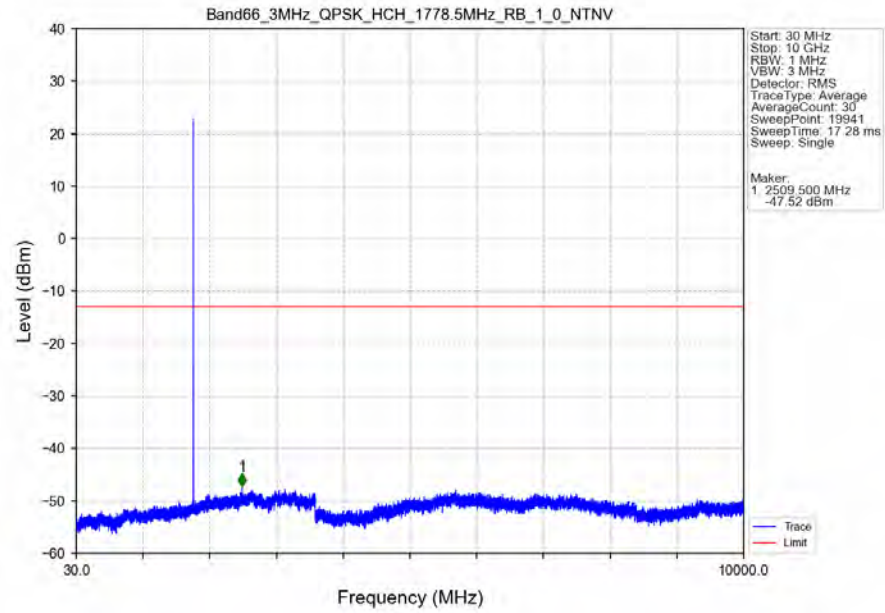
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



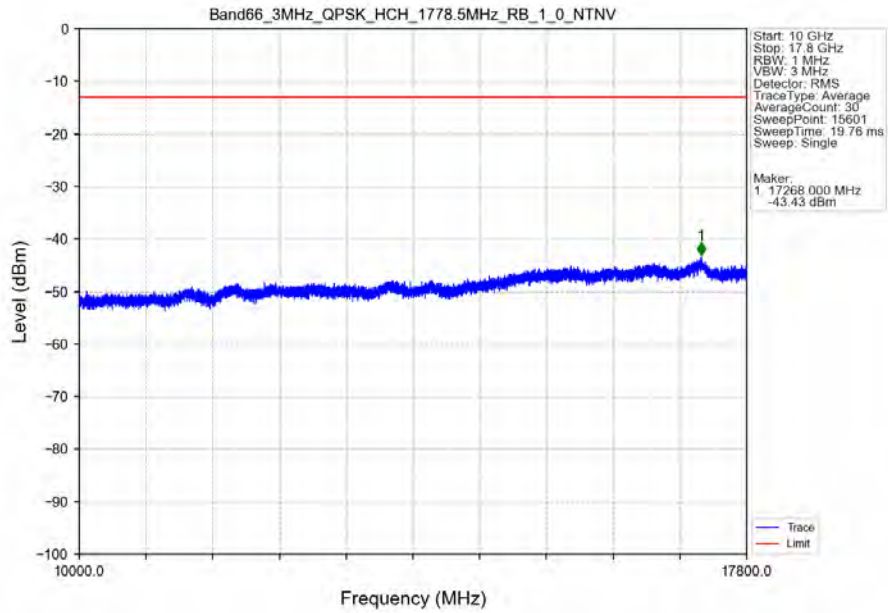
Band66 3MHz QPSK MCH 1745MHz RB 1 0 NTN



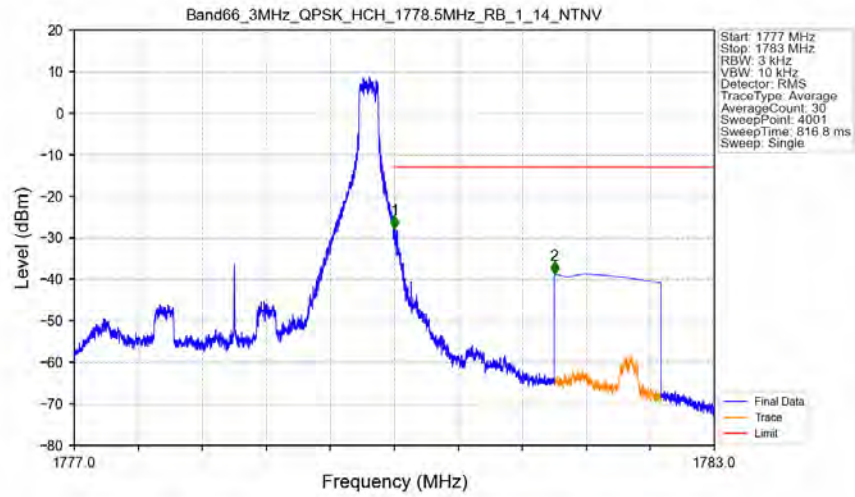
Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV



Band66 3MHz QPSK HCH 1778.5MHz RB 1 0 NTV

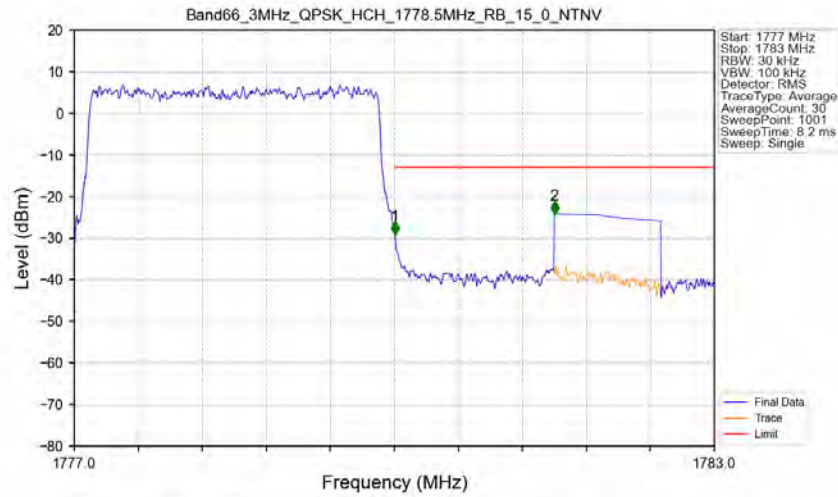


Band66 3MHz QPSK HCH 1778.5MHz RB 1 14 NTV



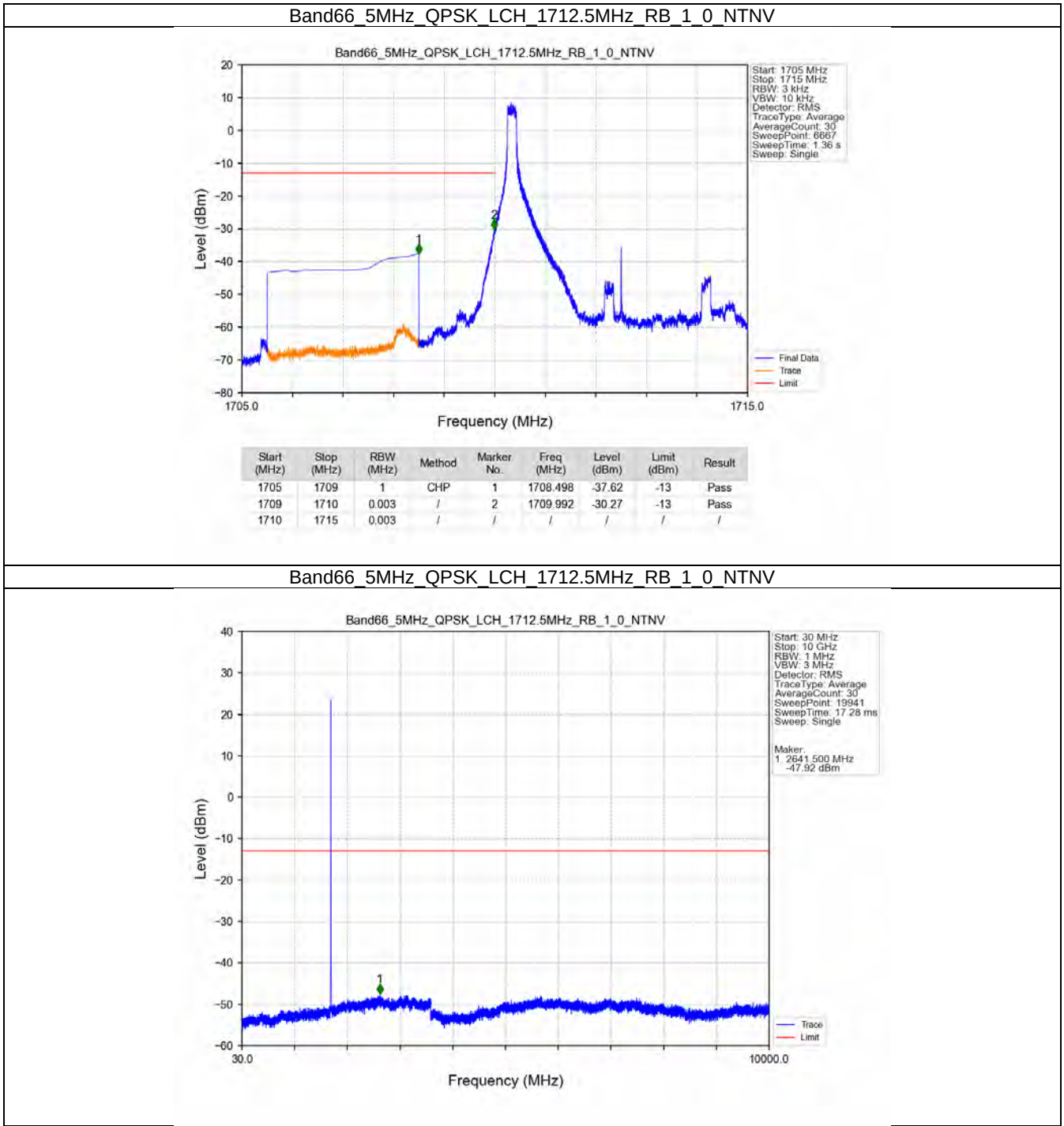
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.003	-27.83	-13	Pass
1781	1783	1	CHP	2	1781.500	-38.72	-13	Pass

Band66 3MHz QPSK HCH 1778.5MHz RB 15 0 NTV

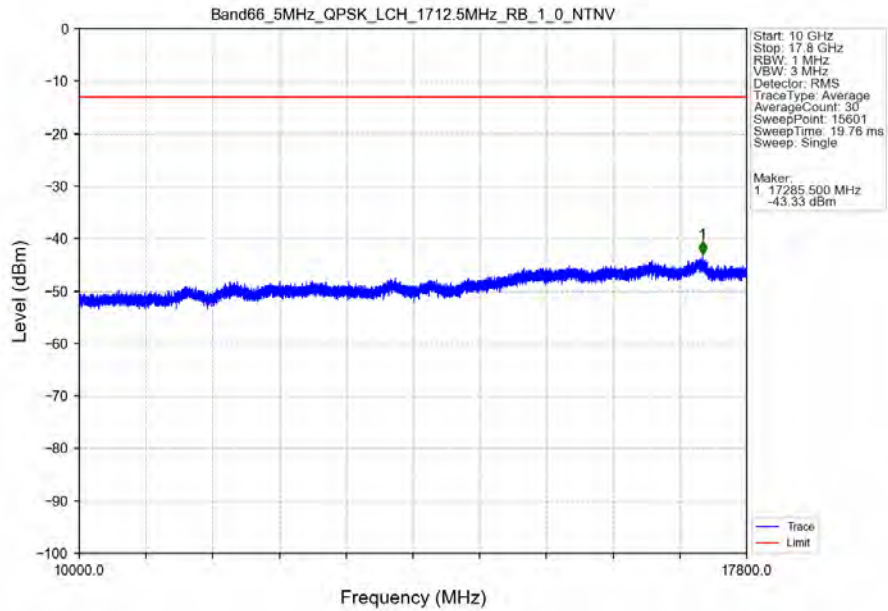


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.006	-29.19	-13	Pass
1781	1783	1	CHP	2	1781.500	-24.15	-13	Pass

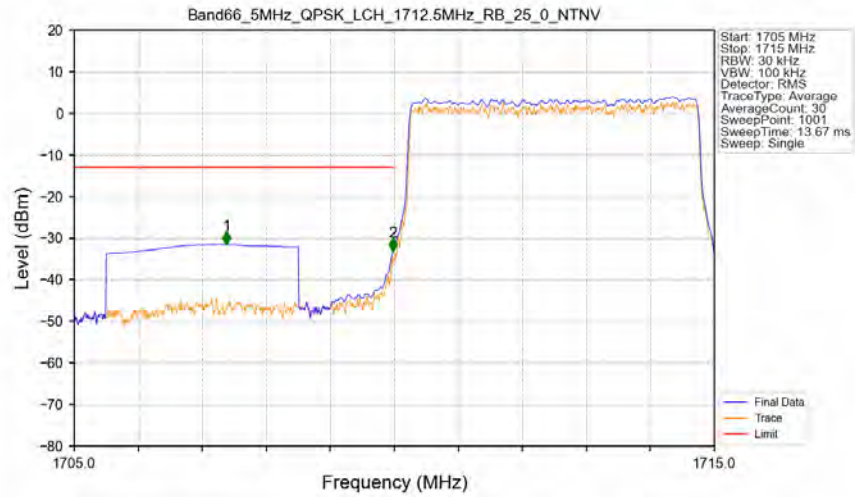
5.2.3 B66_5MHz



Band66 5MHz QPSK LCH 1712.5MHz RB 1 0 NTNV

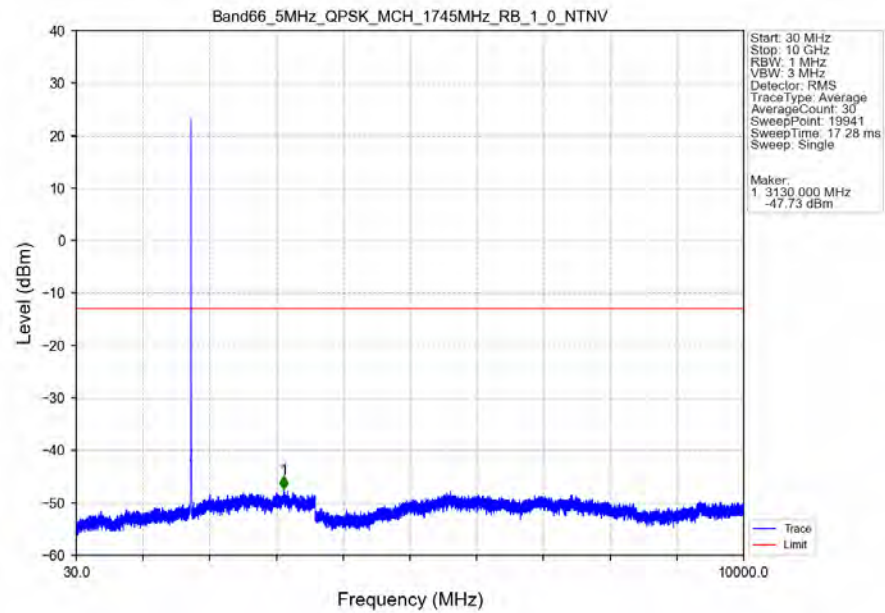


Band66 5MHz QPSK LCH 1712.5MHz RB 25 0 NTNV

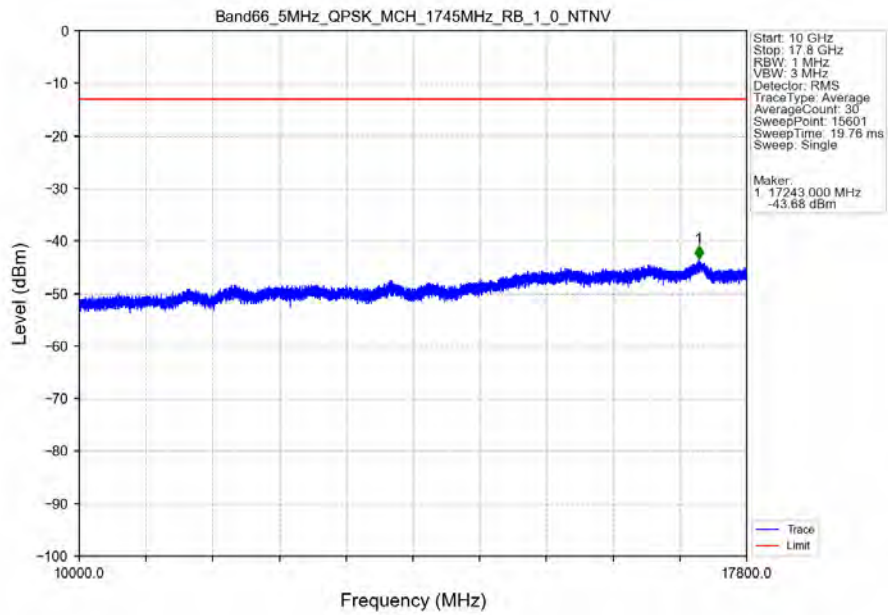


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1707.380	-31.53	-13	Pass
1709	1710	0.05	CHP	2	1709.980	-33.15	-13	Pass
1710	1715	0.05	CHP	/	/	/	/	/

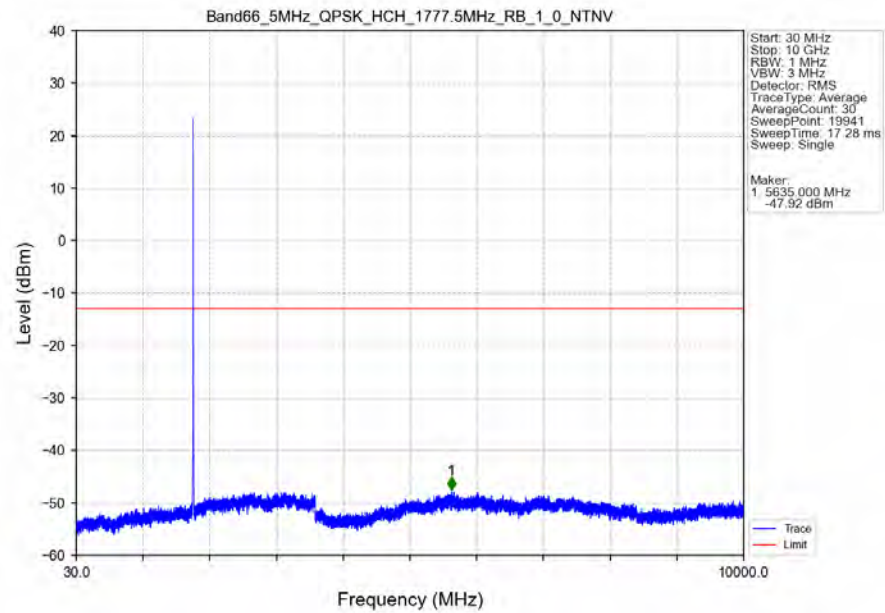
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



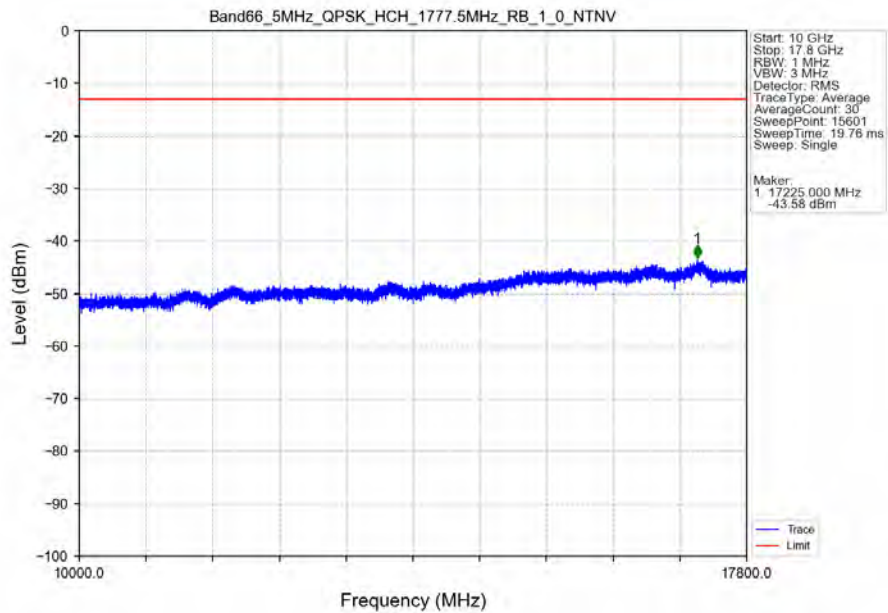
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



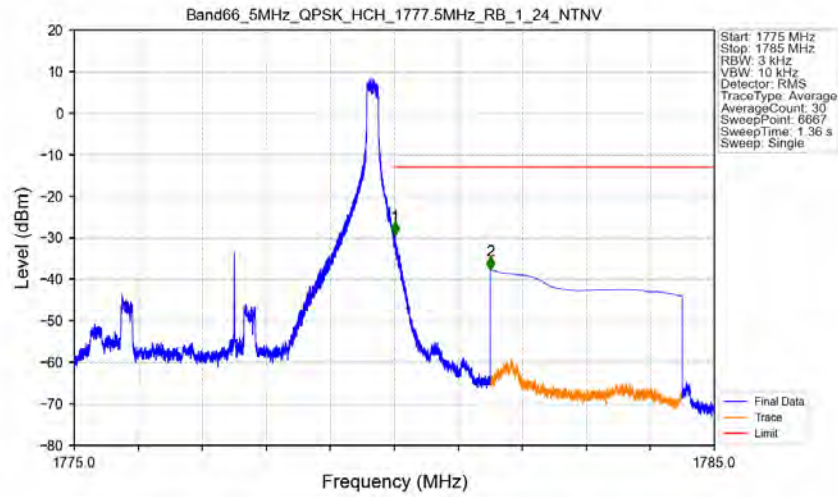
Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV



Band66 5MHz QPSK HCH 1777.5MHz RB 1 0 NTV

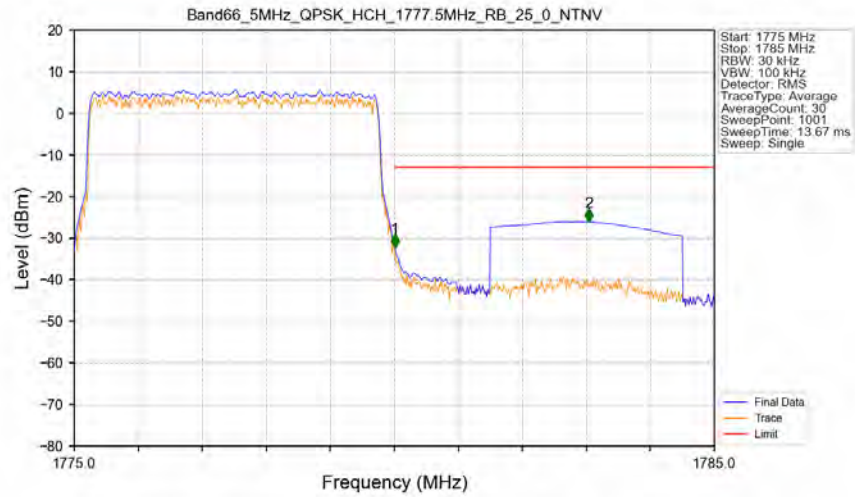


Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



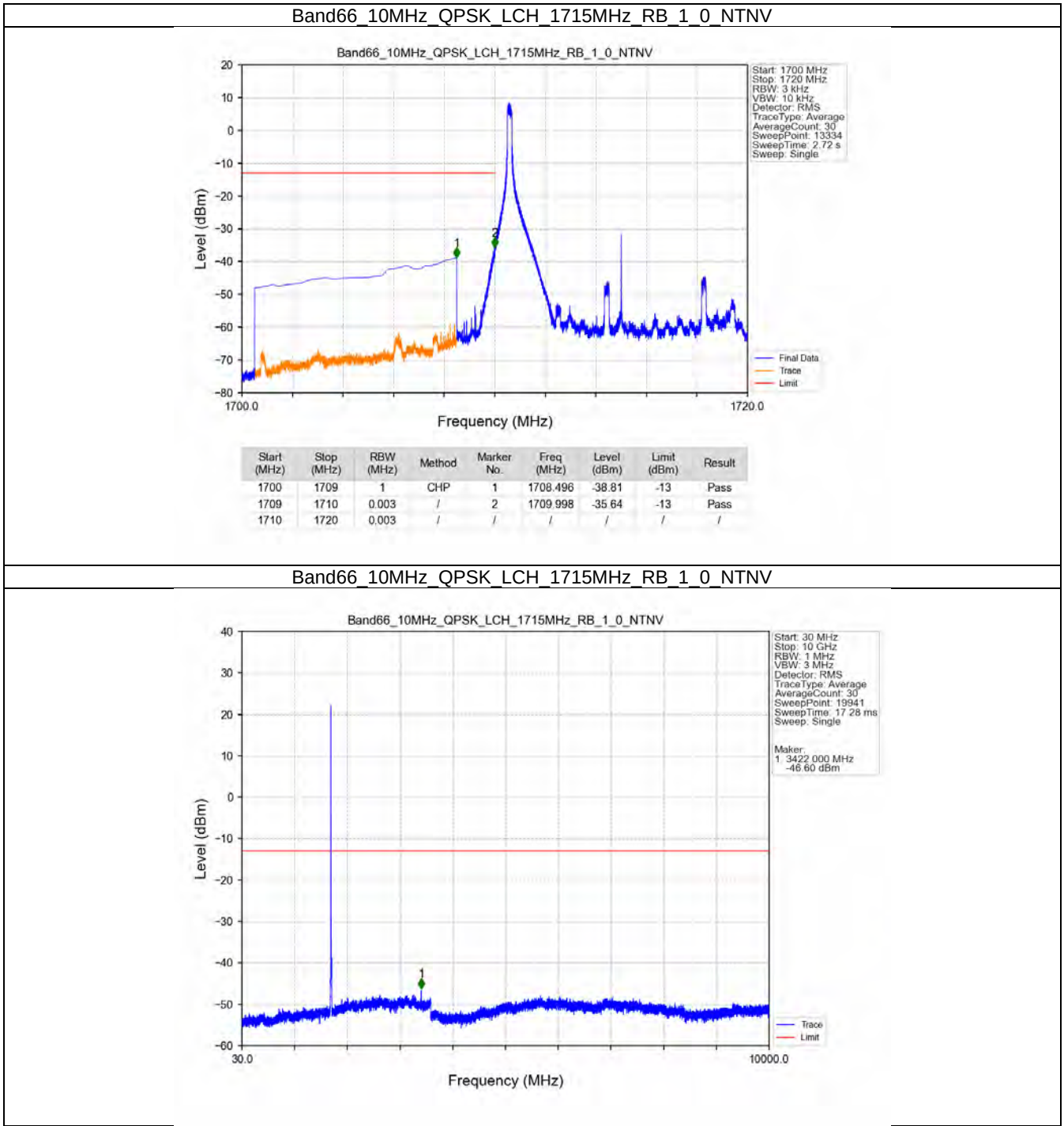
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.012	-29.36	-13	Pass
1781	1785	1	CHP	2	1781.500	-37.77	-13	Pass

Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV

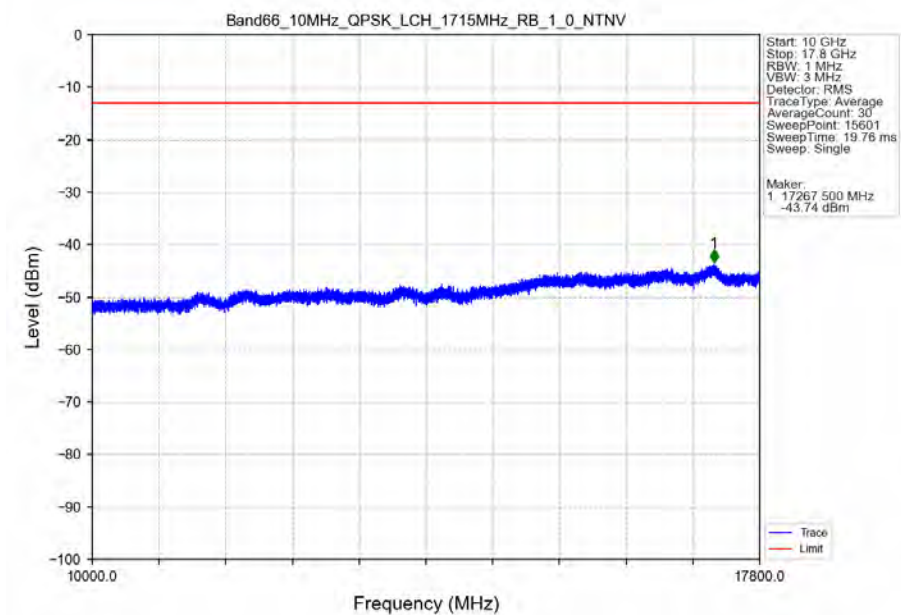


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.05	CHP	/	/	/	/	/
1780	1781	0.05	CHP	1	1780.010	-32.16	-13	Pass
1781	1785	1	CHP	2	1783.040	-26.10	-13	Pass

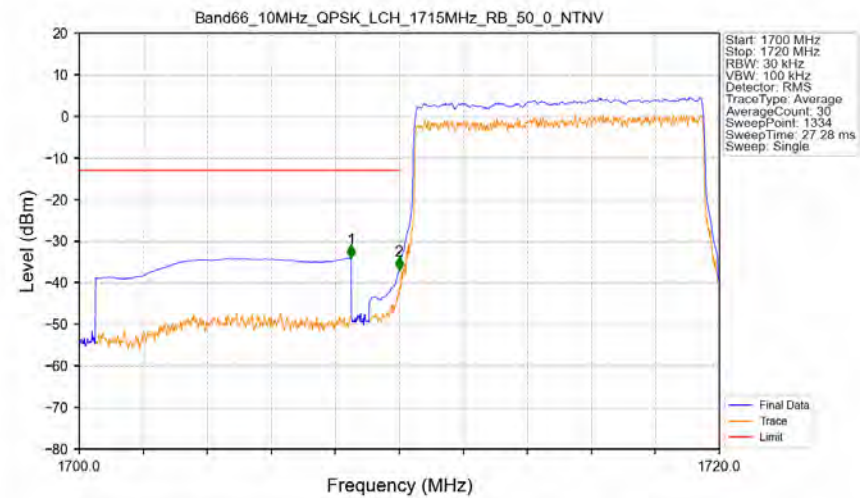
5.2.4 B66_10MHz



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTV

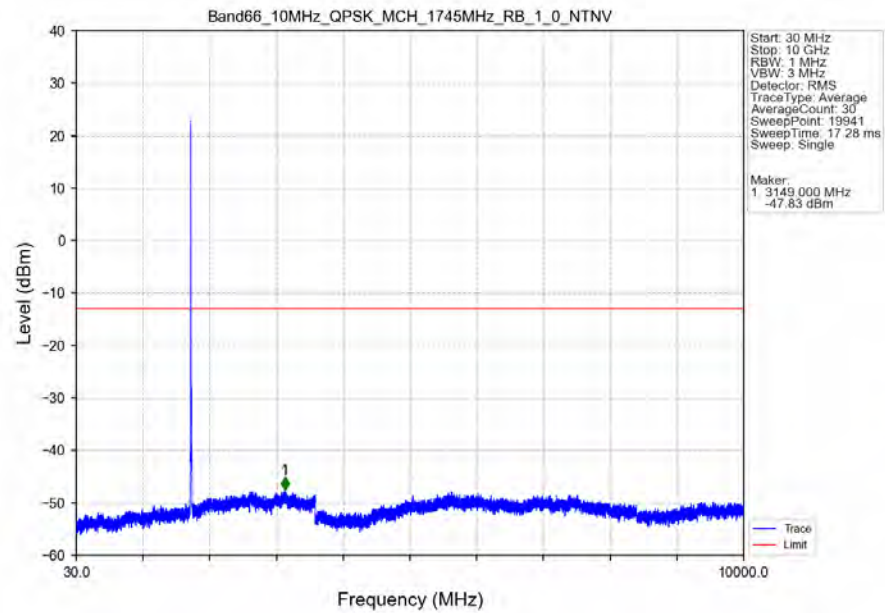


Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTV

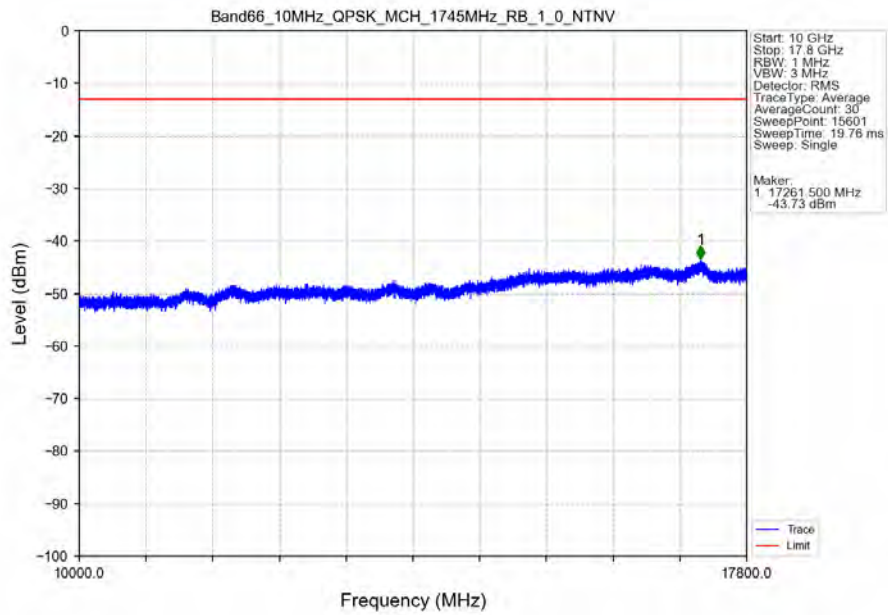


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.492	-34.12	-13	Pass
1709	1710	0.099	CHP	2	1709.992	-37.03	-13	Pass
1710	1720	0.099	CHP	/	/	/	/	/

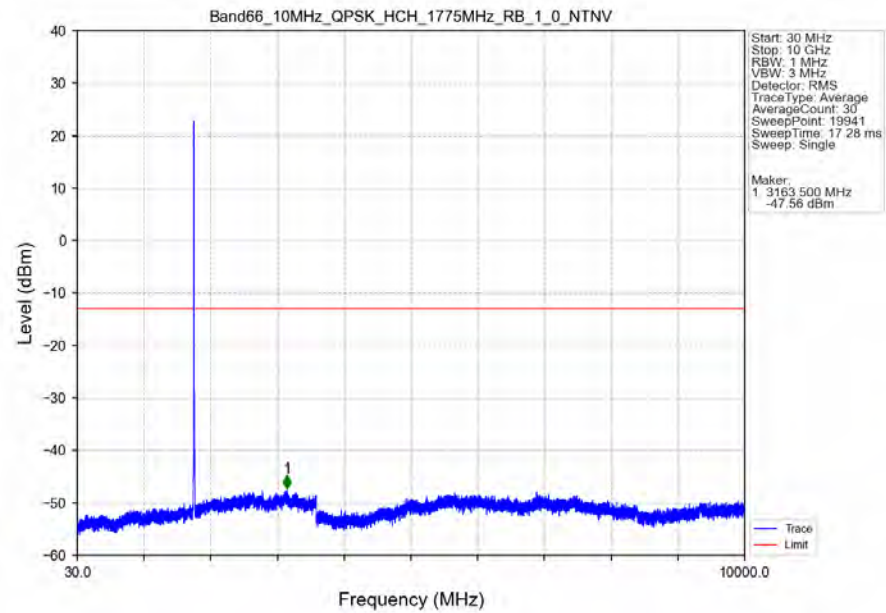
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTV



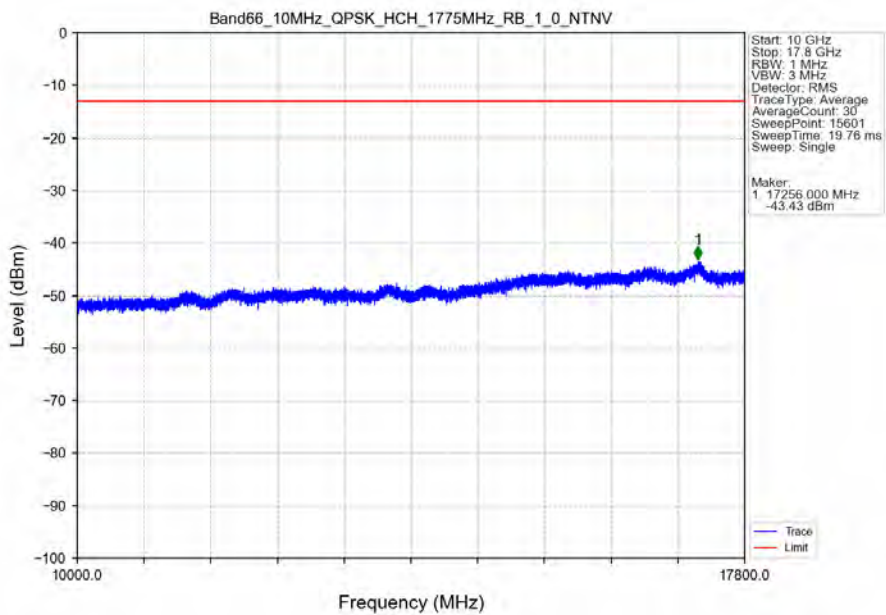
Band66 10MHz QPSK MCH 1745MHz RB 1 0 NTV



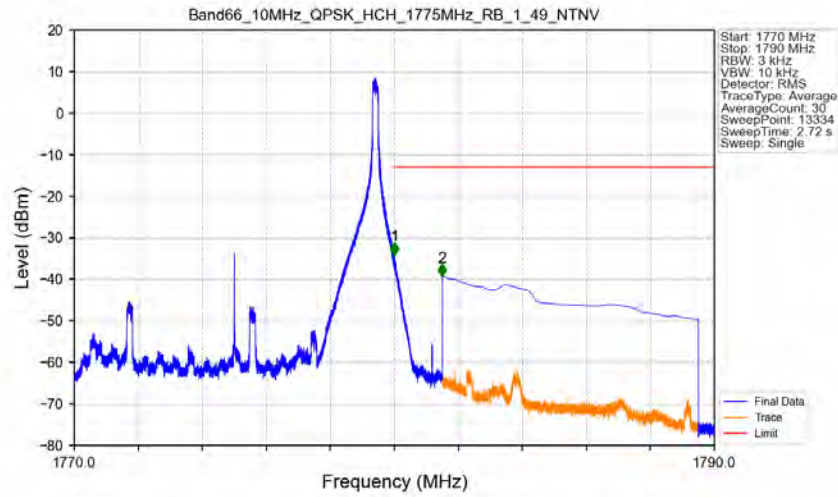
Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV



Band66 10MHz QPSK HCH 1775MHz RB 1 0 NTNV

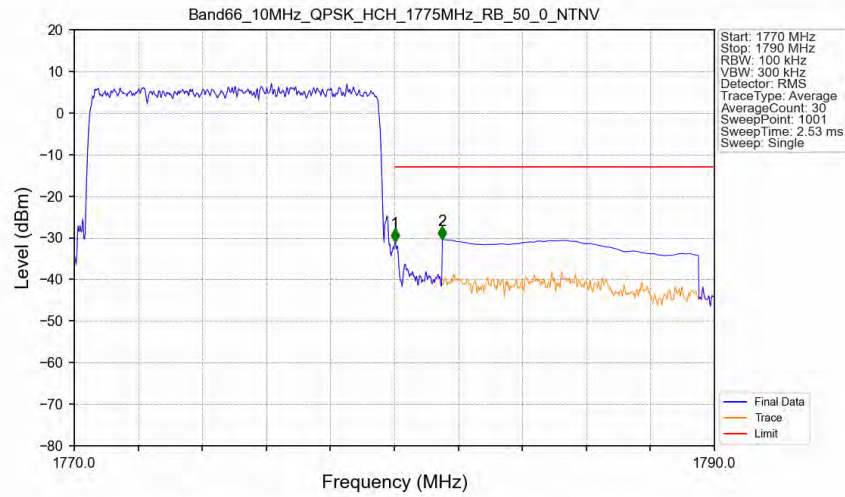


Band66 10MHz QPSK HCH 1775MHz RB 1 49 NTV



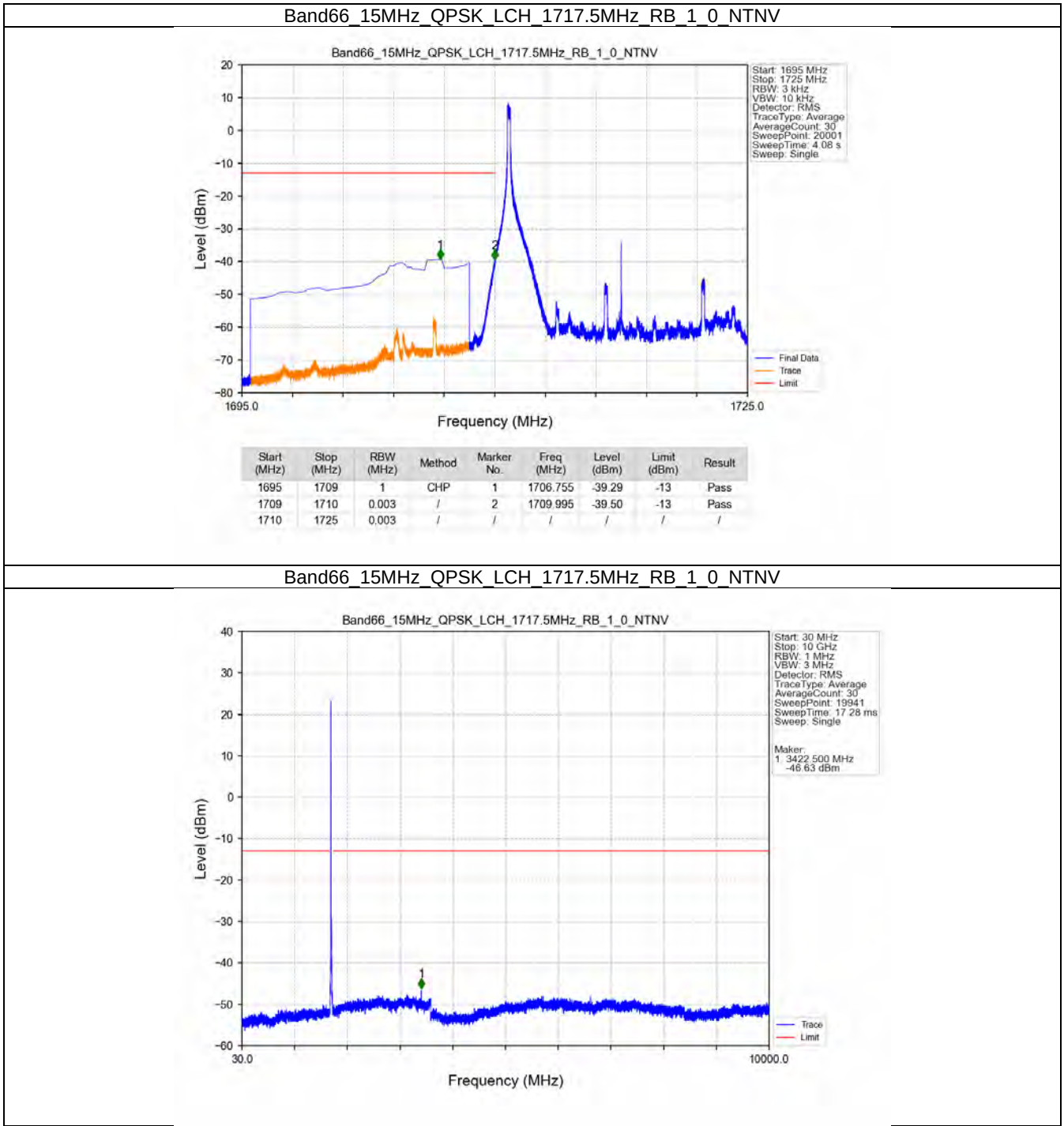
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-34.13	-13	Pass
1781	1790	1	CHP	2	1781.501	-39.30	-13	Pass

Band66 10MHz QPSK HCH 1775MHz RB 50 0 NTV

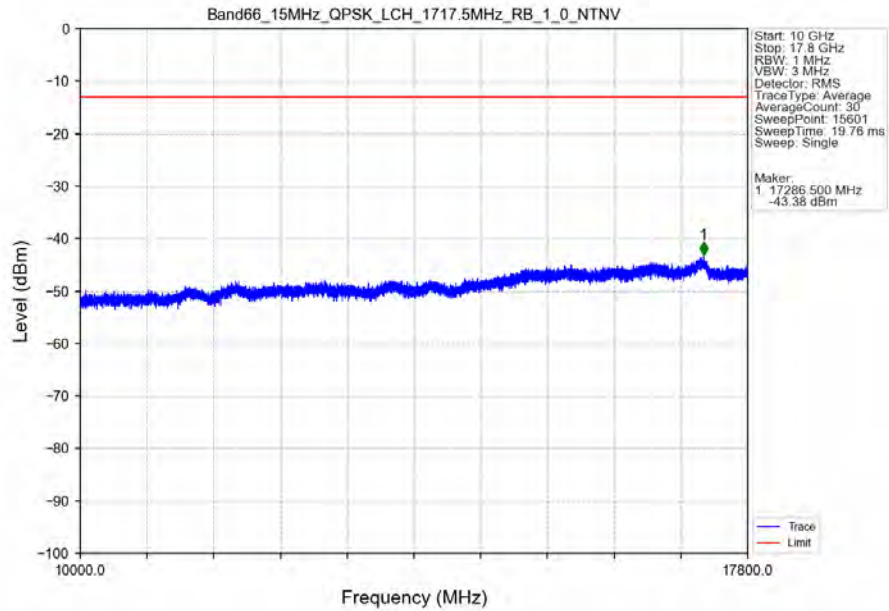


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.1	/	/	/	/	/	/
1780	1781	0.1	/	1	1780.020	-30.94	-13	Pass
1781	1790	1	CHP	2	1781.500	-30.40	-13	Pass

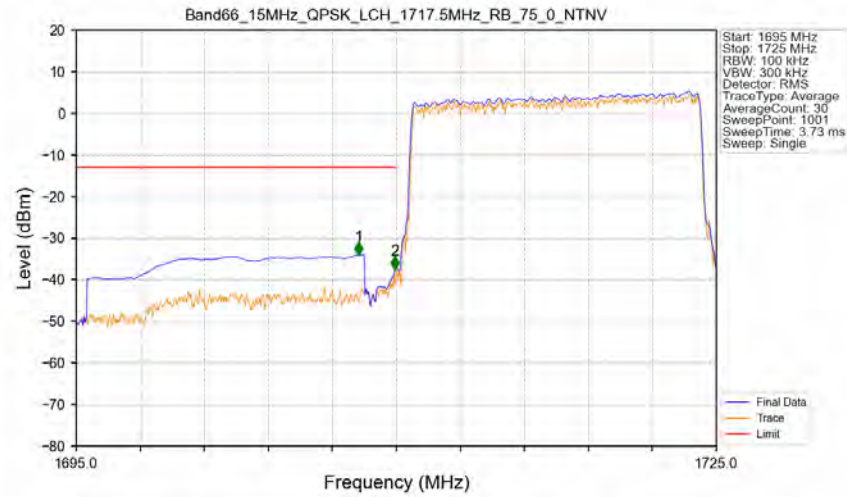
5.2.5 B66_15MHz



Band66 15MHz QPSK LCH 1717.5MHz RB 1 0 NTV

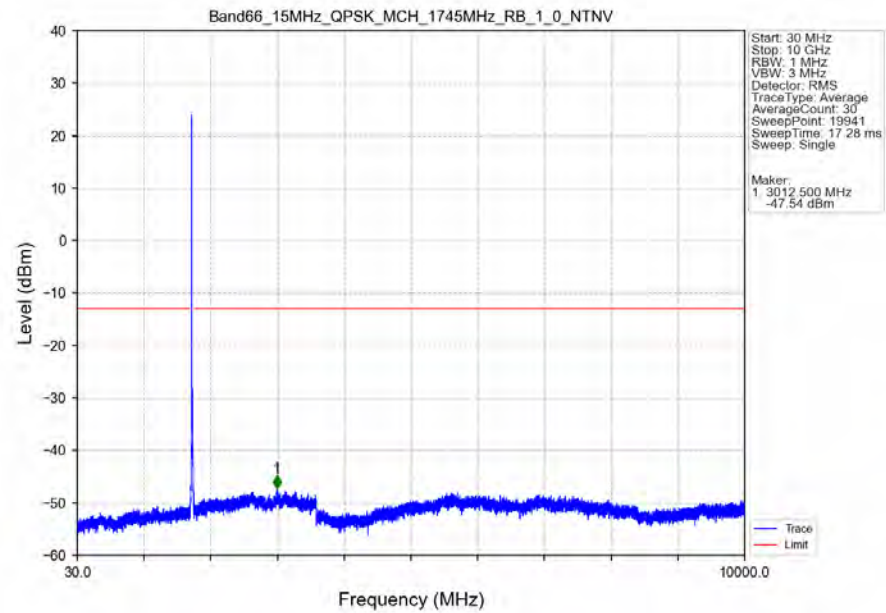


Band66 15MHz QPSK LCH 1717.5MHz RB 75 0 NTV

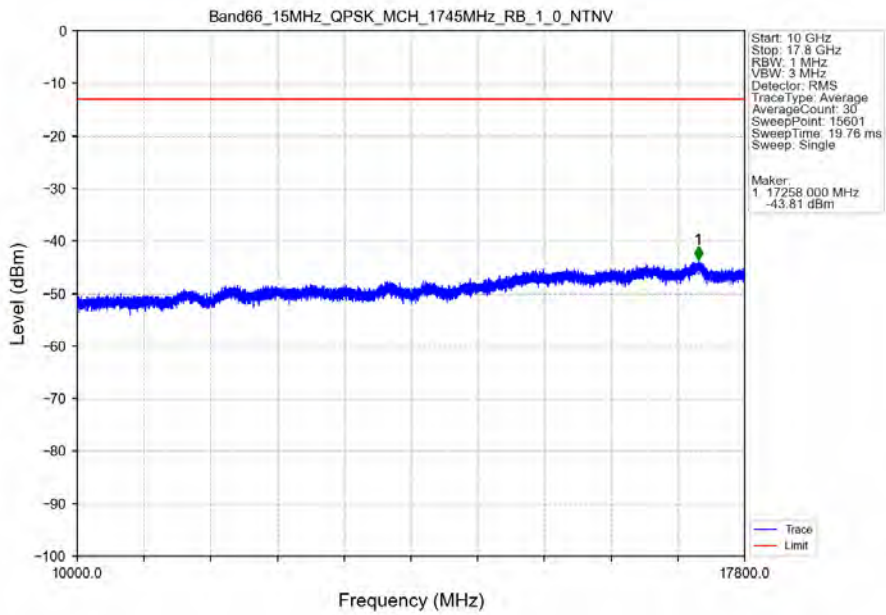


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.230	-34.06	-13	Pass
1709	1710	0.149	CHP	2	1709.940	-37.48	-13	Pass
1710	1725	0.149	CHP	/	/	/	/	/

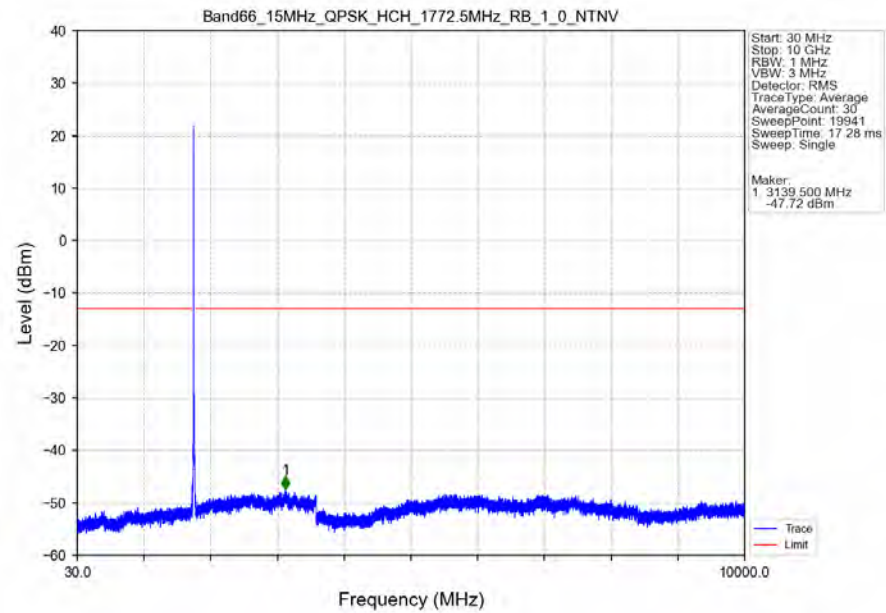
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



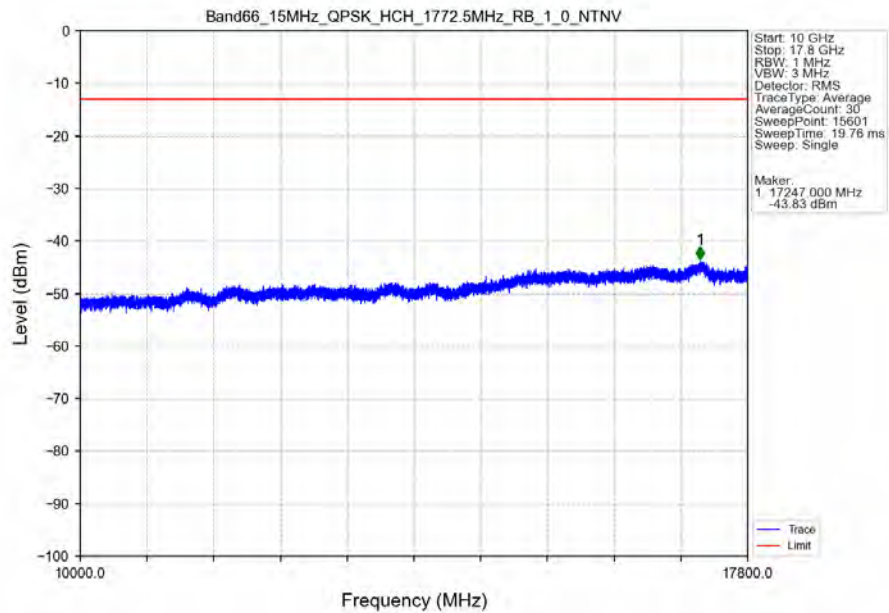
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



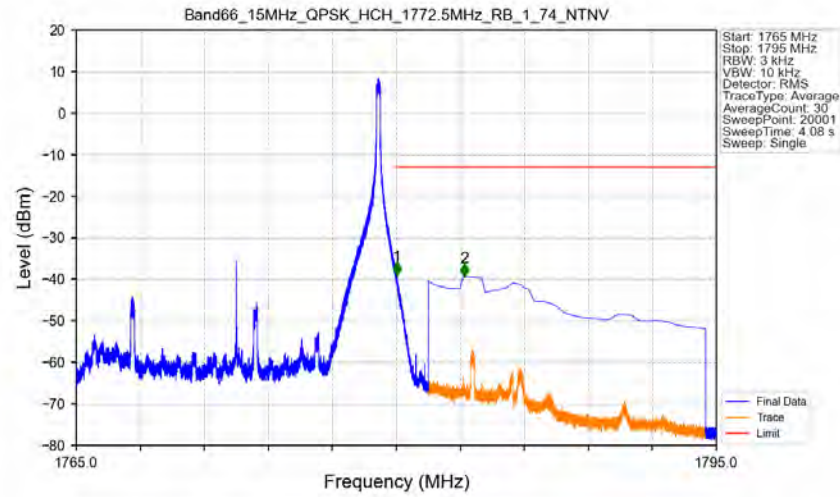
Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV



Band66 15MHz QPSK HCH 1772.5MHz RB 1 0 NTV

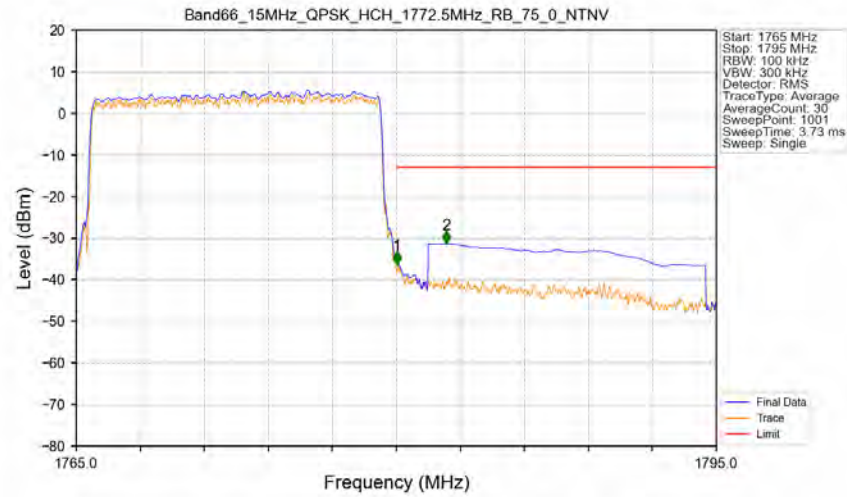


Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



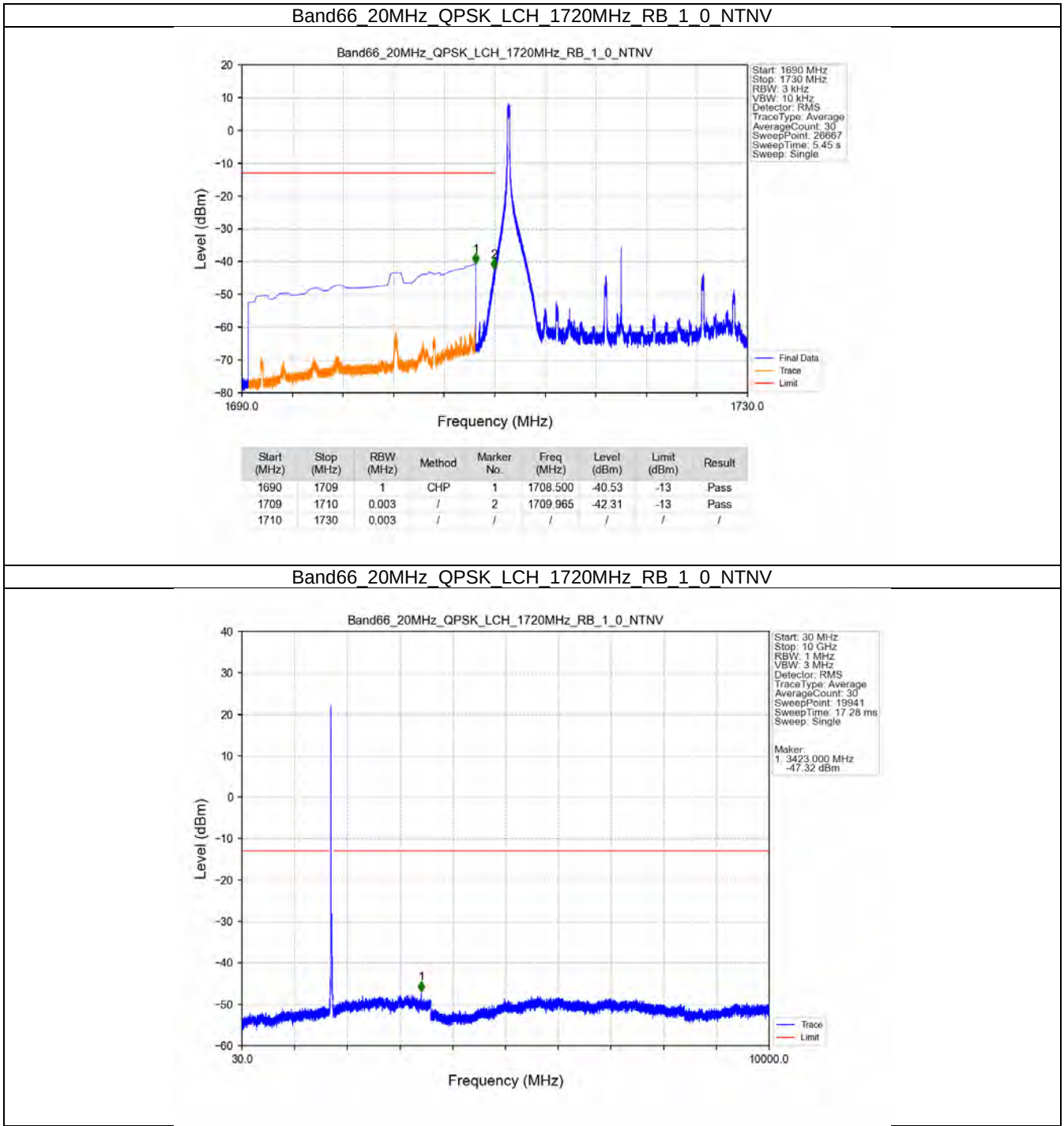
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.027	-38.88	-13	Pass
1781	1795	1	CHP	2	1783.183	-39.36	-13	Pass

Band66 15MHz QPSK HCH 1772.5MHz RB 75_0 NTNV

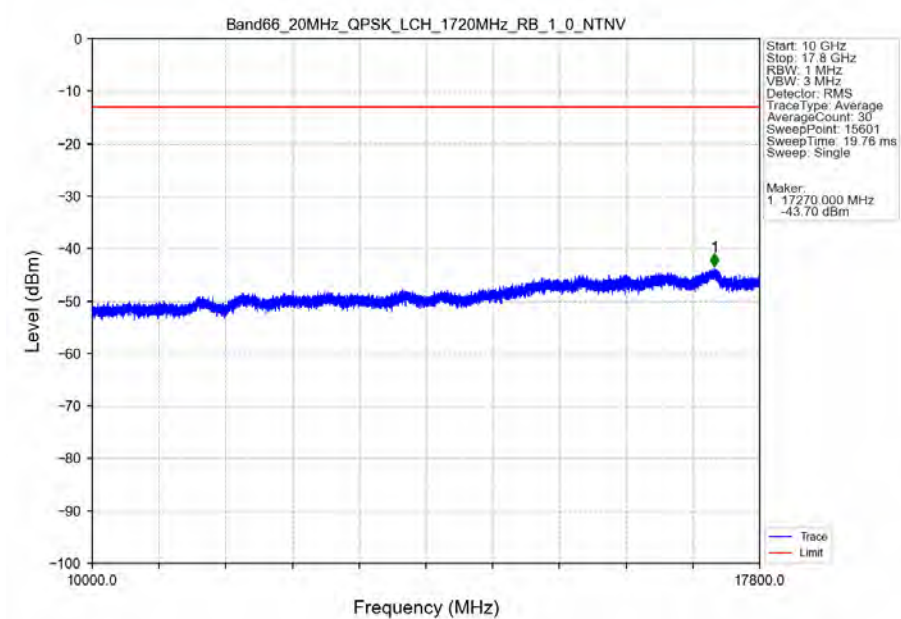


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.149	CHP	/	/	/	/	/
1780	1781	0.149	CHP	1	1780.030	-36.22	-13	Pass
1781	1795	1	CHP	2	1782.340	-31.35	-13	Pass

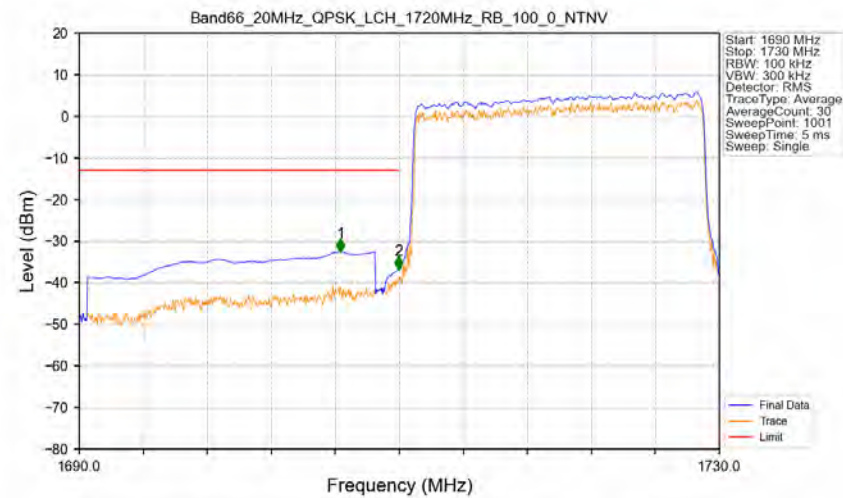
5.2.6 B66_20MHz



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTNV

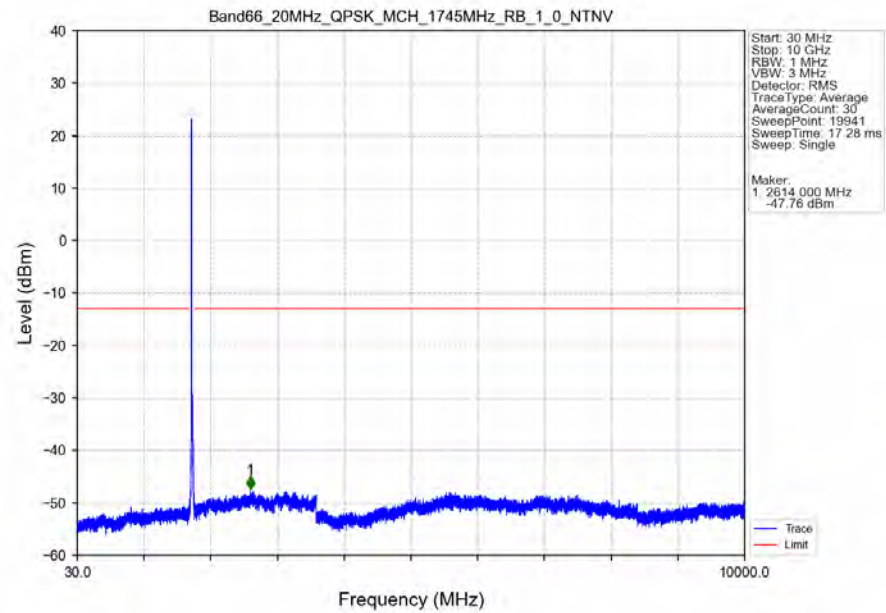


Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTNV

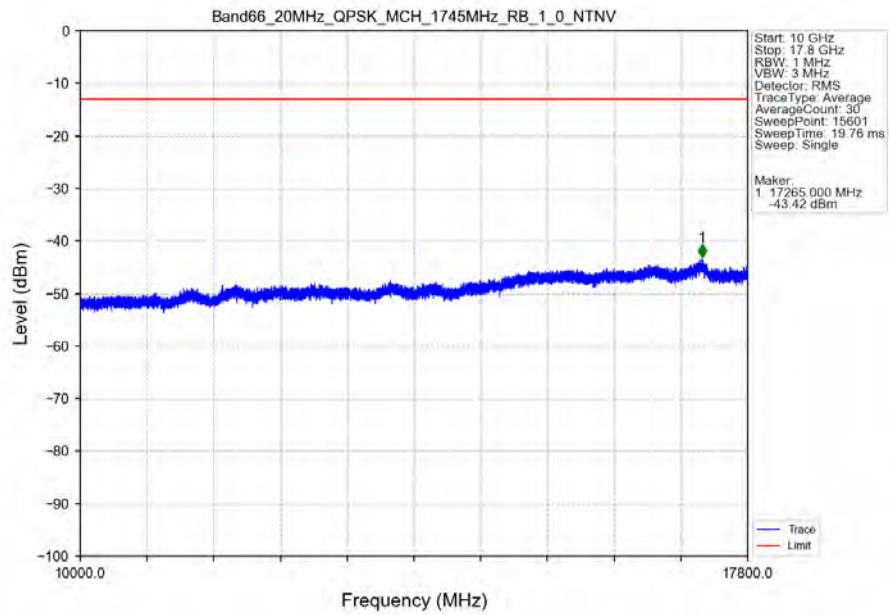


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1706.320	-32.52	-13	Pass
1709	1710	0.199	CHP	2	1709.960	-36.78	-13	Pass
1710	1730	0.199	CHP	/	/	/	/	/

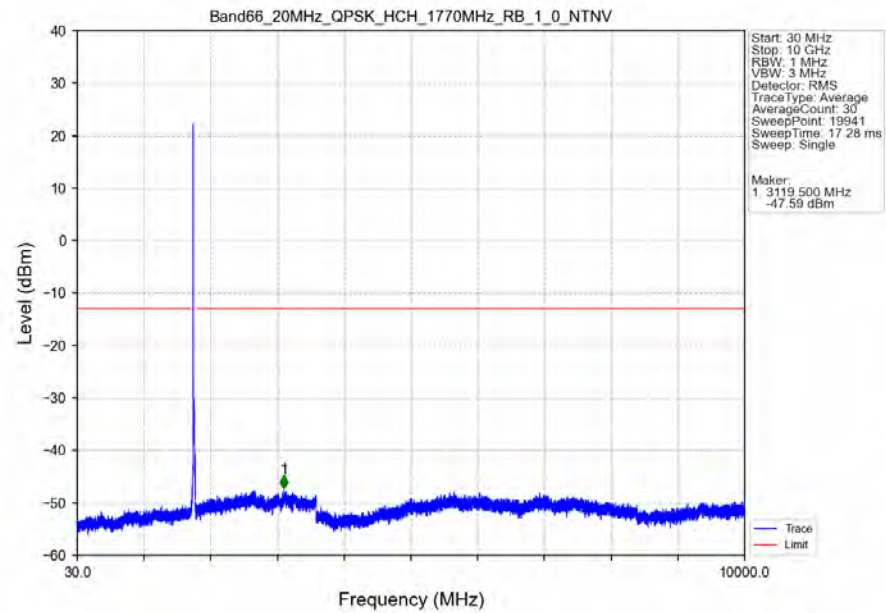
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTV



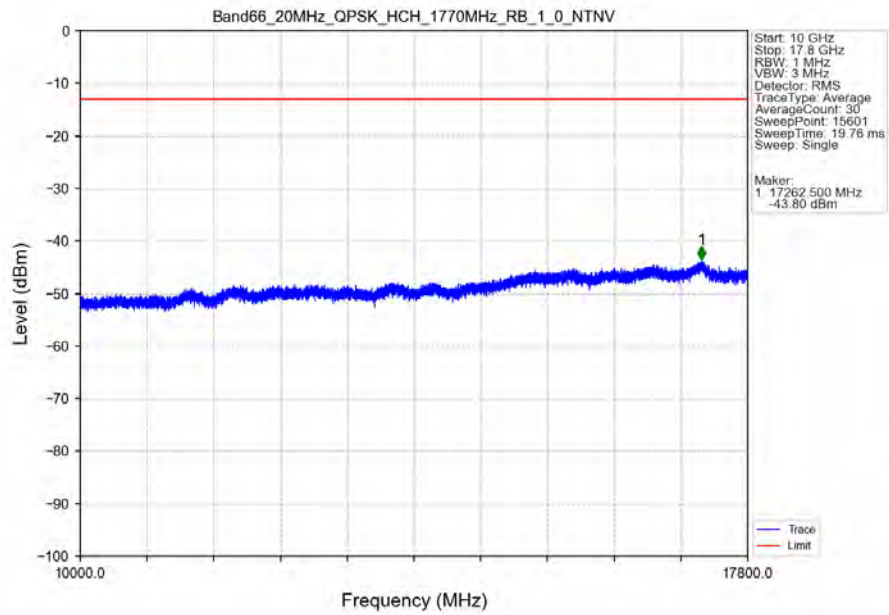
Band66 20MHz QPSK MCH 1745MHz RB 1 0 NTV



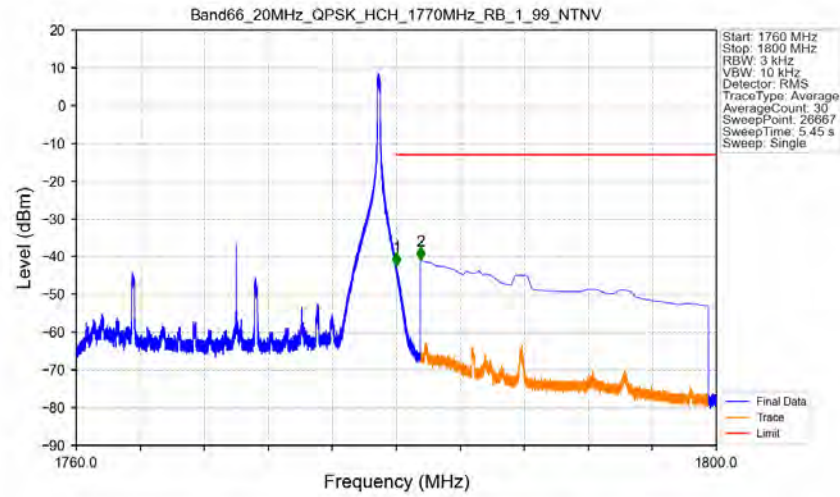
Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV



Band66 20MHz QPSK HCH 1770MHz RB 1 0 NTNV

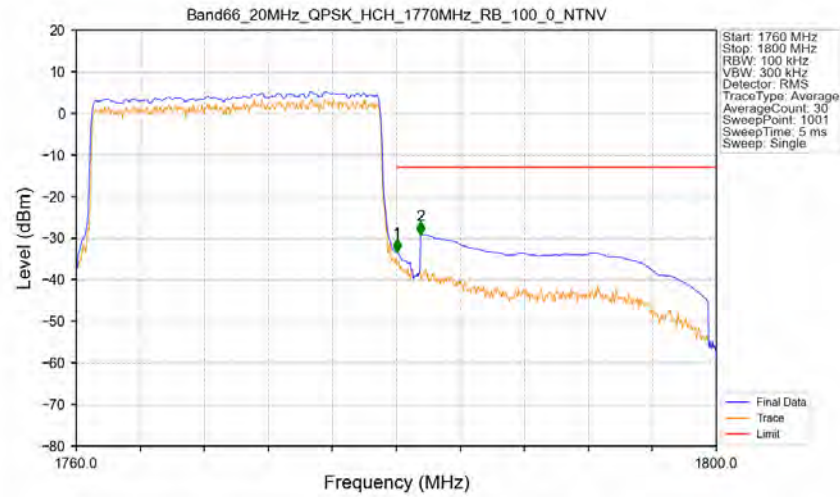


Band66 20MHz QPSK HCH 1770MHz RB 1 99 NTV



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	1780.007	-42.42	-13	Pass
1781	1800	1	CHP	2	1781.500	-40.85	-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	0.197	CHP	/	/	/	/	/
1780	1781	0.197	CHP	1	1780.040	-33.40	-13	Pass
1781	1800	1	CHP	2	1781.520	-29.15	-13	Pass

6. Field Strength of Spurious Radiation

LTE Band 66-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3422.0	-59.7	-13	-46.7	-64.32	3.36	7.98	Horizontal	Pass
5133.0	-59.12	-13	-46.12	-64.73	4.61	10.22	Horizontal	Pass
6844.0	-61.23	-13	-48.23	-67.26	4.9	10.93	Horizontal	Pass
3422.0	-58.44	-13	-45.44	-63.06	3.36	7.98	Vertical	Pass
5133.0	-52.87	-13	-39.87	-58.48	4.61	10.22	Vertical	Pass
6844.0	-59.74	-13	-46.74	-65.77	4.9	10.93	Vertical	Pass

LTE Band 66-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3472.0	-61.19	-13	-48.19	-65.9	3.39	8.1	Horizontal	Pass
5208.0	-59.55	-13	-46.55	-65.18	4.64	10.27	Horizontal	Pass
6944.0	-61.16	-13	-48.16	-67.31	4.91	11.06	Horizontal	Pass
3472.0	-61.64	-13	-48.64	-66.35	3.39	8.1	Vertical	Pass
5208.0	-56.33	-13	-43.33	-61.96	4.64	10.27	Vertical	Pass
6944.0	-61.12	-13	-48.12	-67.27	4.91	11.06	Vertical	Pass

LTE Band 66-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
3522.0	-55.82	-13	-42.82	-60.6	3.42	8.2	Horizontal	Pass
5283.0	-61.72	-13	-48.72	-67.38	4.66	10.32	Horizontal	Pass
7044.0	-60.43	-13	-47.43	-66.69	4.92	11.18	Horizontal	Pass
3522.0	-60.53	-13	-47.53	-65.31	3.42	8.2	Vertical	Pass
5283.0	-56.57	-13	-43.57	-62.23	4.66	10.32	Vertical	Pass
7044.0	-61.17	-13	-48.17	-67.43	4.92	11.18	Vertical	Pass