

**Appendix A.19****1. Effective (Isotropic) Radiated Power Output Data****1.1 Test Result****1.1.1 B66_1.4MHz_EIRP**

Band: 66 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	21.96	-0.80	21.16	<=30	Pass
			2	21.97	-0.80	21.17	<=30	Pass
			5	22.03	-0.80	21.23	<=30	Pass
		3	0	22.06	-0.80	21.26	<=30	Pass
			2	22.09	-0.80	21.29	<=30	Pass
			3	22.05	-0.80	21.25	<=30	Pass
		6	0	20.88	-0.80	20.08	<=30	Pass
	1745	1	0	21.77	-0.80	20.97	<=30	Pass
			2	21.88	-0.80	21.08	<=30	Pass
			5	21.81	-0.80	21.01	<=30	Pass
		3	0	21.78	-0.80	20.98	<=30	Pass
			2	21.86	-0.80	21.06	<=30	Pass
			3	22.03	-0.80	21.23	<=30	Pass
		6	0	20.78	-0.80	19.98	<=30	Pass
	1779.3	1	0	22.14	-0.80	21.34	<=30	Pass
			2	21.94	-0.80	21.14	<=30	Pass
			5	21.72	-0.80	20.92	<=30	Pass
		3	0	22.11	-0.80	21.31	<=30	Pass
			2	21.95	-0.80	21.15	<=30	Pass
			3	21.90	-0.80	21.10	<=30	Pass
		6	0	20.89	-0.80	20.09	<=30	Pass
16QAM	1710.7	1	0	21.46	-0.80	20.66	<=30	Pass
			2	21.57	-0.80	20.77	<=30	Pass
			5	21.41	-0.80	20.61	<=30	Pass
		3	0	20.99	-0.80	20.19	<=30	Pass
			2	20.96	-0.80	20.16	<=30	Pass
			3	20.99	-0.80	20.19	<=30	Pass
		6	0	19.77	-0.80	18.97	<=30	Pass
	1745	1	0	21.12	-0.80	20.32	<=30	Pass
			2	21.16	-0.80	20.36	<=30	Pass
			5	20.94	-0.80	20.14	<=30	Pass
		3	0	20.75	-0.80	19.95	<=30	Pass
			2	20.82	-0.80	20.02	<=30	Pass



Report No.: SUCR260800084009

Page: 2 of 30

			3	20.77	-0.80	19.97	<=30	Pass
		6	0	19.51	-0.80	18.71	<=30	Pass
	1779.3	1	0	21.58	-0.80	20.78	<=30	Pass
			2	21.52	-0.80	20.72	<=30	Pass
			5	21.67	-0.80	20.87	<=30	Pass
		3	0	20.99	-0.80	20.19	<=30	Pass
			2	20.93	-0.80	20.13	<=30	Pass
			3	20.68	-0.80	19.88	<=30	Pass
		6	0	19.85	-0.80	19.05	<=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	21.81	-0.80	21.01	<=30	Pass
			7	22.30	-0.80	21.50	<=30	Pass
			14	21.79	-0.80	20.99	<=30	Pass
		8	0	20.86	-0.80	20.06	<=30	Pass
			4	20.90	-0.80	20.10	<=30	Pass
			7	21.06	-0.80	20.26	<=30	Pass
		15	0	20.90	-0.80	20.10	<=30	Pass
	1745	1	0	21.65	-0.80	20.85	<=30	Pass
			7	21.95	-0.80	21.15	<=30	Pass
			14	21.78	-0.80	20.98	<=30	Pass
		8	0	20.74	-0.80	19.94	<=30	Pass
			4	20.75	-0.80	19.95	<=30	Pass
			7	20.82	-0.80	20.02	<=30	Pass
		15	0	20.77	-0.80	19.97	<=30	Pass
	1778.5	1	0	21.91	-0.80	21.11	<=30	Pass
			7	22.18	-0.80	21.38	<=30	Pass
			14	22.06	-0.80	21.26	<=30	Pass
		8	0	21.00	-0.80	20.20	<=30	Pass
			4	20.89	-0.80	20.09	<=30	Pass
			7	20.97	-0.80	20.17	<=30	Pass
		15	0	20.95	-0.80	20.15	<=30	Pass
16QAM	1711.5	1	0	21.10	-0.80	20.30	<=30	Pass
			7	21.01	-0.80	20.21	<=30	Pass
			14	20.92	-0.80	20.12	<=30	Pass
		8	0	19.67	-0.80	18.87	<=30	Pass
			4	19.58	-0.80	18.78	<=30	Pass
			7	19.68	-0.80	18.88	<=30	Pass



Report No.: SUCR260800084009

Page: 3 of 30

	1745	15	0	19.95	-0.80	19.15	<=30	Pass
		1	0	21.23	-0.80	20.43	<=30	Pass
			7	21.37	-0.80	20.57	<=30	Pass
			14	21.06	-0.80	20.26	<=30	Pass
		8	0	20.22	-0.80	19.42	<=30	Pass
			4	19.75	-0.80	18.95	<=30	Pass
			7	19.73	-0.80	18.93	<=30	Pass
		15	0	19.55	-0.80	18.75	<=30	Pass
	1778.5	1	0	21.19	-0.80	20.39	<=30	Pass
			7	21.06	-0.80	20.26	<=30	Pass
			14	21.07	-0.80	20.27	<=30	Pass
		8	0	20.18	-0.80	19.38	<=30	Pass
			4	20.04	-0.80	19.24	<=30	Pass
			7	20.17	-0.80	19.37	<=30	Pass
		15	0	19.80	-0.80	19.00	<=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	21.79	-0.80	20.99	<=30	Pass
			13	21.99	-0.80	21.19	<=30	Pass
			24	21.93	-0.80	21.13	<=30	Pass
		12	0	20.95	-0.80	20.15	<=30	Pass
			6	21.00	-0.80	20.20	<=30	Pass
			13	20.92	-0.80	20.12	<=30	Pass
		25	0	20.89	-0.80	20.09	<=30	Pass
	1745	1	0	21.53	-0.80	20.73	<=30	Pass
			13	21.65	-0.80	20.85	<=30	Pass
			24	21.52	-0.80	20.72	<=30	Pass
		12	0	20.88	-0.80	20.08	<=30	Pass
			6	20.81	-0.80	20.01	<=30	Pass
			13	20.74	-0.80	19.94	<=30	Pass
		25	0	20.76	-0.80	19.96	<=30	Pass
	1777.5	1	0	21.71	-0.80	20.91	<=30	Pass
			13	21.71	-0.80	20.91	<=30	Pass
			24	21.74	-0.80	20.94	<=30	Pass
		12	0	20.81	-0.80	20.01	<=30	Pass
			6	20.96	-0.80	20.16	<=30	Pass
			13	20.98	-0.80	20.18	<=30	Pass
		25	0	20.85	-0.80	20.05	<=30	Pass



Report No.: SUCR260800084009

Page: 4 of 30

16QAM	1712.5	1	0	20.87	-0.80	20.07	<=30	Pass
			13	20.84	-0.80	20.04	<=30	Pass
			24	20.85	-0.80	20.05	<=30	Pass
		12	0	19.93	-0.80	19.13	<=30	Pass
			6	19.97	-0.80	19.17	<=30	Pass
			13	19.70	-0.80	18.90	<=30	Pass
		25	0	19.72	-0.80	18.92	<=30	Pass
	1745	1	0	21.31	-0.80	20.51	<=30	Pass
			13	21.40	-0.80	20.60	<=30	Pass
			24	21.16	-0.80	20.36	<=30	Pass
		12	0	19.67	-0.80	18.87	<=30	Pass
			6	19.73	-0.80	18.93	<=30	Pass
			13	19.75	-0.80	18.95	<=30	Pass
		25	0	19.67	-0.80	18.87	<=30	Pass
	1777.5	1	0	20.74	-0.80	19.94	<=30	Pass
			13	20.79	-0.80	19.99	<=30	Pass
			24	20.31	-0.80	19.51	<=30	Pass
		12	0	19.80	-0.80	19.00	<=30	Pass
			6	19.77	-0.80	18.97	<=30	Pass
			13	19.68	-0.80	18.88	<=30	Pass
		25	0	19.92	-0.80	19.12	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B66_10MHz_EIRP

Band: 66 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	21.87	-0.80	21.07	<=30	Pass
			25	22.16	-0.80	21.36	<=30	Pass
			49	21.65	-0.80	20.85	<=30	Pass
		25	0	20.93	-0.80	20.13	<=30	Pass
			13	20.93	-0.80	20.13	<=30	Pass
			25	20.80	-0.80	20.00	<=30	Pass
		50	0	20.92	-0.80	20.12	<=30	Pass
	1745	1	0	22.12	-0.80	21.32	<=30	Pass
			25	22.06	-0.80	21.26	<=30	Pass
			49	21.89	-0.80	21.09	<=30	Pass
		25	0	20.96	-0.80	20.16	<=30	Pass
			13	20.76	-0.80	19.96	<=30	Pass
			25	20.77	-0.80	19.97	<=30	Pass
		50	0	20.72	-0.80	19.92	<=30	Pass
	1775	1	0	21.98	-0.80	21.18	<=30	Pass

			25	21.86	-0.80	21.06	<=30	Pass
			49	21.70	-0.80	20.90	<=30	Pass
16QAM	1715	25	0	20.92	-0.80	20.12	<=30	Pass
			13	20.87	-0.80	20.07	<=30	Pass
			25	20.80	-0.80	20.00	<=30	Pass
		50	0	20.81	-0.80	20.01	<=30	Pass
			1	21.35	-0.80	20.55	<=30	Pass
			25	21.13	-0.80	20.33	<=30	Pass
	1745	1	49	20.62	-0.80	19.82	<=30	Pass
			0	19.97	-0.80	19.17	<=30	Pass
			13	20.07	-0.80	19.27	<=30	Pass
		25	25	19.75	-0.80	18.95	<=30	Pass
			0	19.82	-0.80	19.02	<=30	Pass
			1	21.61	-0.80	20.81	<=30	Pass
	1775	1	25	21.05	-0.80	20.25	<=30	Pass
			49	21.06	-0.80	20.26	<=30	Pass
			0	20.02	-0.80	19.22	<=30	Pass
		25	13	20.05	-0.80	19.25	<=30	Pass
			25	19.87	-0.80	19.07	<=30	Pass
			0	19.66	-0.80	18.86	<=30	Pass
	1775	1	0	21.07	-0.80	20.27	<=30	Pass
			25	20.99	-0.80	20.19	<=30	Pass
			49	20.79	-0.80	19.99	<=30	Pass
		25	0	19.93	-0.80	19.13	<=30	Pass
			13	19.92	-0.80	19.12	<=30	Pass
			25	19.89	-0.80	19.09	<=30	Pass
		50	0	19.77	-0.80	18.97	<=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	21.72	-0.80	20.92	<=30	Pass
			38	21.71	-0.80	20.91	<=30	Pass
			74	21.85	-0.80	21.05	<=30	Pass
		36	0	20.89	-0.80	20.09	<=30	Pass
			18	20.82	-0.80	20.02	<=30	Pass
			39	20.91	-0.80	20.11	<=30	Pass
		75	0	20.97	-0.80	20.17	<=30	Pass
	1745	1	0	21.86	-0.80	21.06	<=30	Pass
			38	21.85	-0.80	21.05	<=30	Pass

16QAM	1772.5	36	74	21.73	-0.80	20.93	<=30	Pass
			0	20.90	-0.80	20.10	<=30	Pass
			18	20.69	-0.80	19.89	<=30	Pass
			39	20.70	-0.80	19.90	<=30	Pass
		75	0	20.89	-0.80	20.09	<=30	Pass
		1	0	21.70	-0.80	20.90	<=30	Pass
			38	21.75	-0.80	20.95	<=30	Pass
			74	21.77	-0.80	20.97	<=30	Pass
		36	0	20.96	-0.80	20.16	<=30	Pass
			18	20.98	-0.80	20.18	<=30	Pass
			39	20.83	-0.80	20.03	<=30	Pass
		75	0	20.96	-0.80	20.16	<=30	Pass
16QAM	1717.5	1	0	21.38	-0.80	20.58	<=30	Pass
			38	20.84	-0.80	20.04	<=30	Pass
			74	20.89	-0.80	20.09	<=30	Pass
		36	0	19.91	-0.80	19.11	<=30	Pass
			18	19.95	-0.80	19.15	<=30	Pass
			39	19.91	-0.80	19.11	<=30	Pass
		75	0	19.87	-0.80	19.07	<=30	Pass
	1745	1	0	21.70	-0.80	20.90	<=30	Pass
			38	21.35	-0.80	20.55	<=30	Pass
			74	21.45	-0.80	20.65	<=30	Pass
		36	0	19.82	-0.80	19.02	<=30	Pass
			18	19.94	-0.80	19.14	<=30	Pass
			39	19.61	-0.80	18.81	<=30	Pass
		75	0	19.77	-0.80	18.97	<=30	Pass
	1772.5	1	0	20.75	-0.80	19.95	<=30	Pass
			38	20.97	-0.80	20.17	<=30	Pass
			74	21.04	-0.80	20.24	<=30	Pass
		36	0	19.92	-0.80	19.12	<=30	Pass
			18	19.89	-0.80	19.09	<=30	Pass
			39	19.70	-0.80	18.90	<=30	Pass
		75	0	19.82	-0.80	19.02	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	21.80	-0.80	21.00	<=30	Pass
			50	22.02	-0.80	21.22	<=30	Pass
			99	21.68	-0.80	20.88	<=30	Pass



Report No.: SUCR260800084009

Page: 7 of 30

16QAM	1745	50	0	20.91	-0.80	20.11	<=30	Pass
			25	20.78	-0.80	19.98	<=30	Pass
			50	20.86	-0.80	20.06	<=30	Pass
		100	0	20.82	-0.80	20.02	<=30	Pass
		1	0	22.10	-0.80	21.30	<=30	Pass
			50	21.93	-0.80	21.13	<=30	Pass
			99	21.75	-0.80	20.95	<=30	Pass
		50	0	20.83	-0.80	20.03	<=30	Pass
			25	20.68	-0.80	19.88	<=30	Pass
			50	20.67	-0.80	19.87	<=30	Pass
		100	0	20.78	-0.80	19.98	<=30	Pass
	1770	1	0	21.51	-0.80	20.71	<=30	Pass
			50	22.15	-0.80	21.35	<=30	Pass
			99	21.80	-0.80	21.00	<=30	Pass
		50	0	20.77	-0.80	19.97	<=30	Pass
			25	20.89	-0.80	20.09	<=30	Pass
			50	20.94	-0.80	20.14	<=30	Pass
		100	0	20.82	-0.80	20.02	<=30	Pass
	1720	1	0	20.70	-0.80	19.90	<=30	Pass
			50	21.99	-0.80	21.19	<=30	Pass
			99	21.44	-0.80	20.64	<=30	Pass
		50	0	19.82	-0.80	19.02	<=30	Pass
			25	19.81	-0.80	19.01	<=30	Pass
			50	19.78	-0.80	18.98	<=30	Pass
		100	0	19.74	-0.80	18.94	<=30	Pass
	1745	1	0	21.20	-0.80	20.40	<=30	Pass
			50	21.00	-0.80	20.20	<=30	Pass
			99	21.20	-0.80	20.40	<=30	Pass
		50	0	19.96	-0.80	19.16	<=30	Pass
			25	19.74	-0.80	18.94	<=30	Pass
			50	19.74	-0.80	18.94	<=30	Pass
		100	0	19.72	-0.80	18.92	<=30	Pass
	1770	1	0	21.14	-0.80	20.34	<=30	Pass
			50	21.71	-0.80	20.91	<=30	Pass
			99	21.24	-0.80	20.44	<=30	Pass
		50	0	19.82	-0.80	19.02	<=30	Pass
			25	19.93	-0.80	19.13	<=30	Pass
			50	20.06	-0.80	19.26	<=30	Pass
		100	0	19.85	-0.80	19.05	<=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	LV	-2.389	-0.0014	-2.5 to 2.5	Pass
					NV	-2.289	-0.0013	-2.5 to 2.5	Pass
					HV	-1.431	-0.0008	-2.5 to 2.5	Pass
				-30	NV	-3.119	-0.0018	-2.5 to 2.5	Pass
				-20	NV	-3.161	-0.0018	-2.5 to 2.5	Pass
				-10	NV	-1.559	-0.0009	-2.5 to 2.5	Pass
				0	NV	-2.689	-0.0015	-2.5 to 2.5	Pass
				10	NV	-1.402	-0.0008	-2.5 to 2.5	Pass
				30	NV	-0.772	-0.0004	-2.5 to 2.5	Pass
				40	NV	-2.189	-0.0013	-2.5 to 2.5	Pass
				50	NV	-2.661	-0.0015	-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	1.086	/	Pass
	16QAM	1745	6	0	1.093	/	Pass
3	QPSK	1745	15	0	2.697	/	Pass
	16QAM	1745	15	0	2.689	/	Pass
5	QPSK	1745	25	0	4.476	/	Pass
	16QAM	1745	25	0	4.480	/	Pass
10	QPSK	1745	50	0	8.934	/	Pass
	16QAM	1745	50	0	8.941	/	Pass
15	QPSK	1745	75	0	13.430	/	Pass
	16QAM	1745	75	0	13.413	/	Pass
20	QPSK	1745	100	0	17.864	/	Pass
	16QAM	1745	100	0	17.878	/	Pass

3.1.2 Band66_XDB



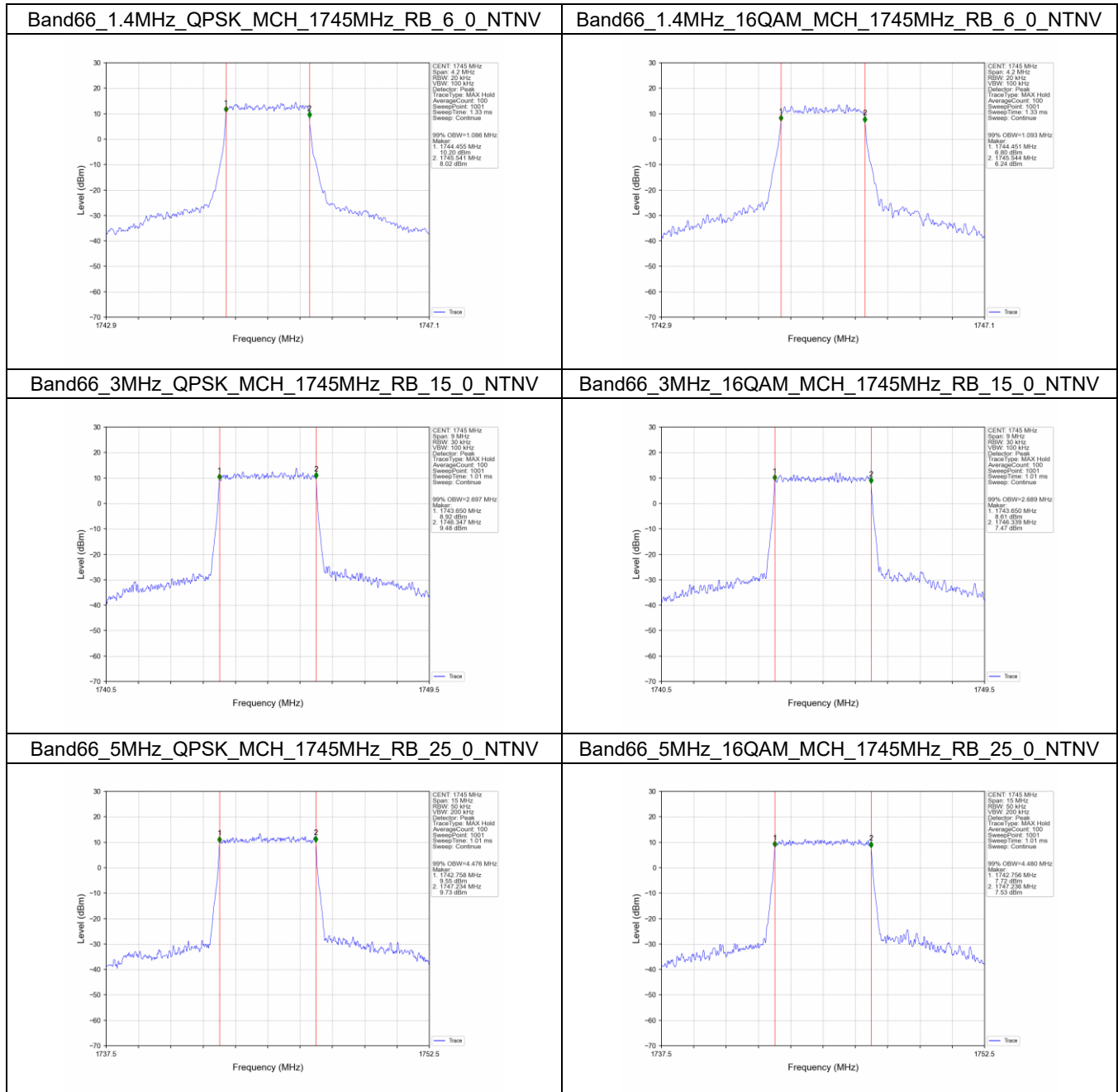
Report No.: SUCR260800084009
Page: 9 of 30

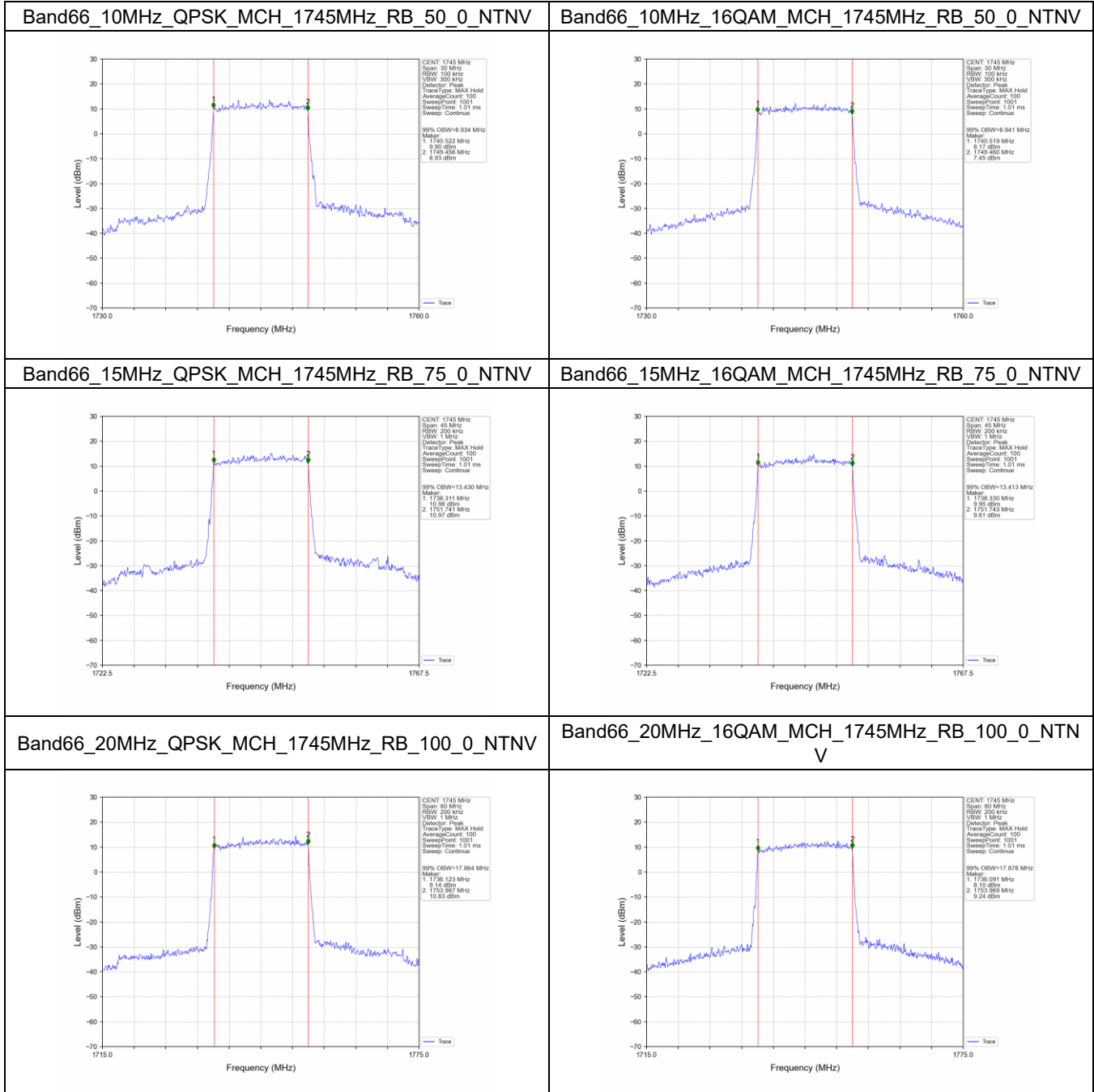
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.272	/	Pass
	16QAM	1745	6	0	1.296	/	Pass
3	QPSK	1745	15	0	2.929	/	Pass
	16QAM	1745	15	0	2.954	/	Pass
5	QPSK	1745	25	0	4.916	/	Pass
	16QAM	1745	25	0	4.954	/	Pass
10	QPSK	1745	50	0	9.693	/	Pass
	16QAM	1745	50	0	9.652	/	Pass
15	QPSK	1745	75	0	14.462	/	Pass
	16QAM	1745	75	0	14.460	/	Pass
20	QPSK	1745	100	0	19.157	/	Pass
	16QAM	1745	100	0	18.981	/	Pass



3.2 Test Graph

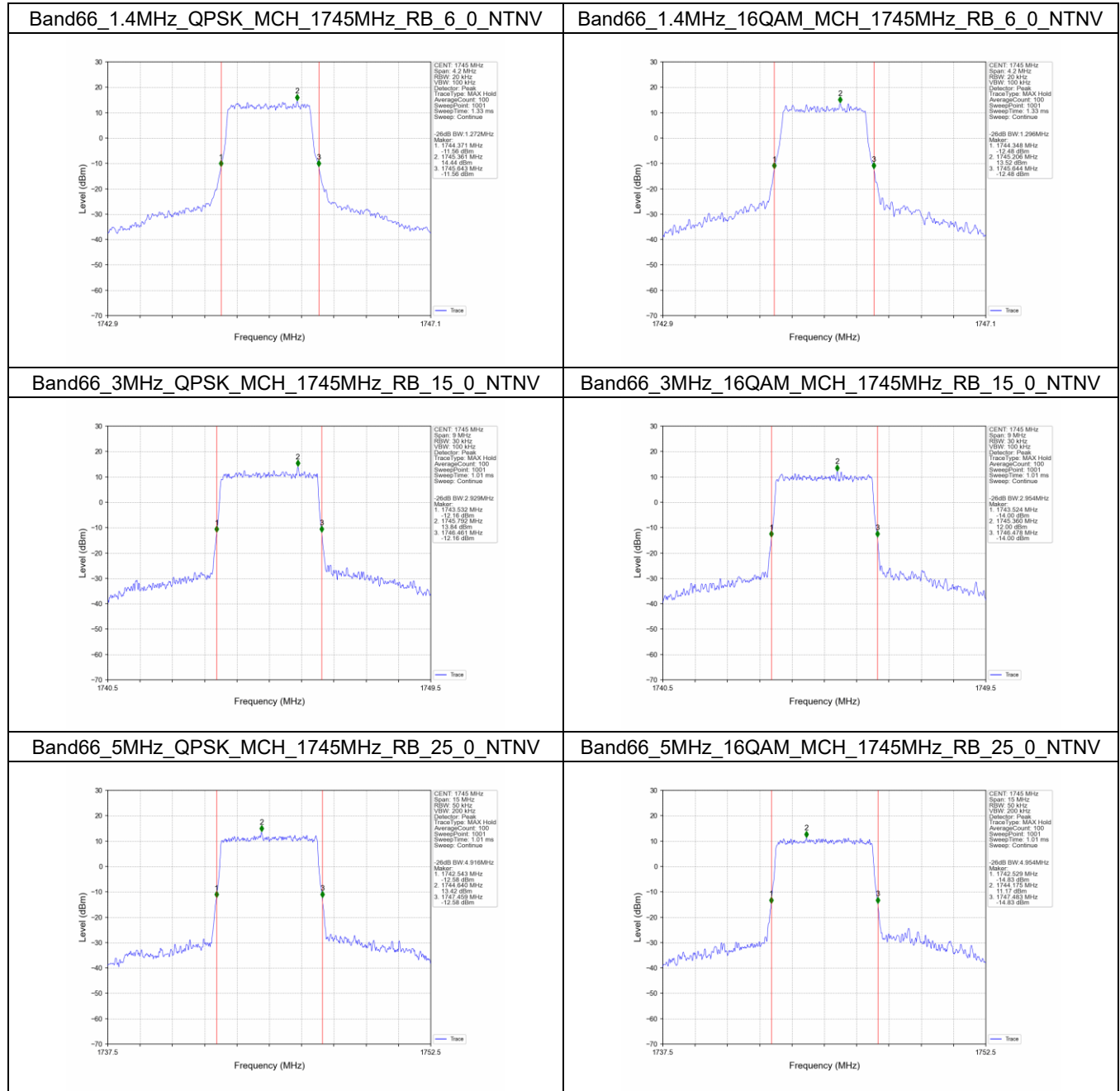
3.2.1 Band66_OBW



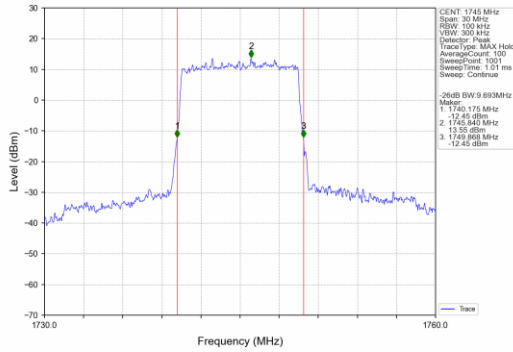




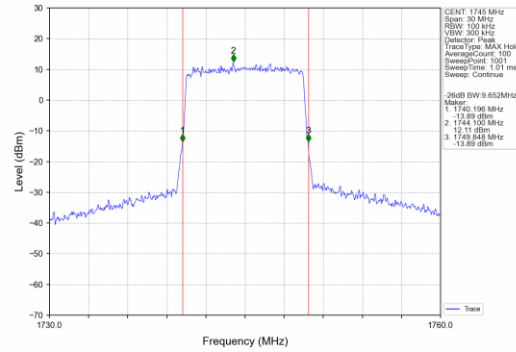
3.2.2 Band66_XDB



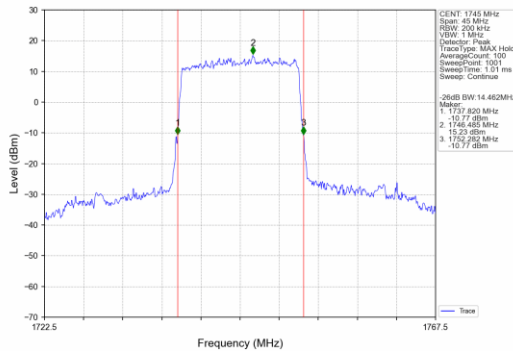
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



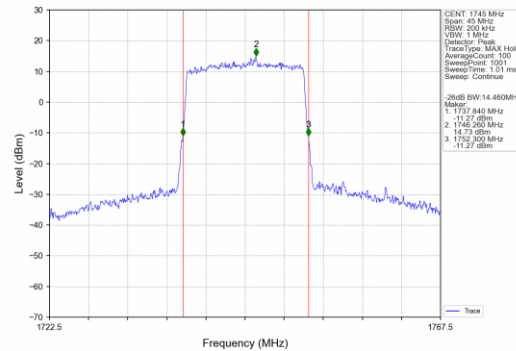
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



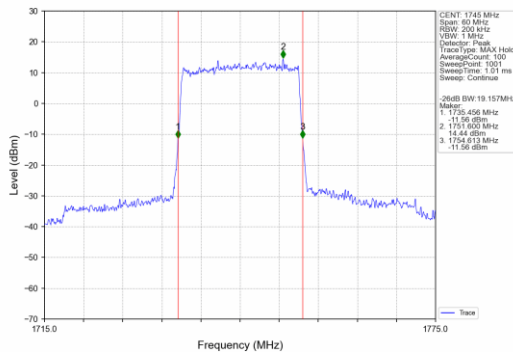
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



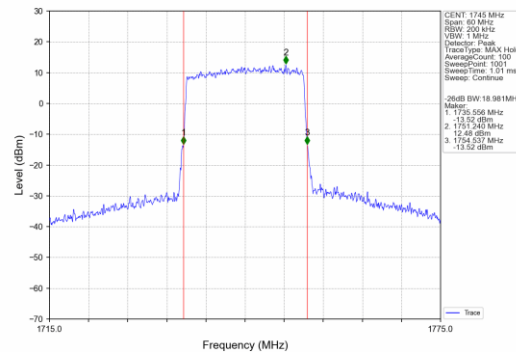
Band66_15MHz_16QAM_MCH_1745MHz_RB_75_0_NTNV



Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV





Report No.: SUCR260800084009
Page: 14 of 30

4. Peak-Average Ratio

4.1 Test Result

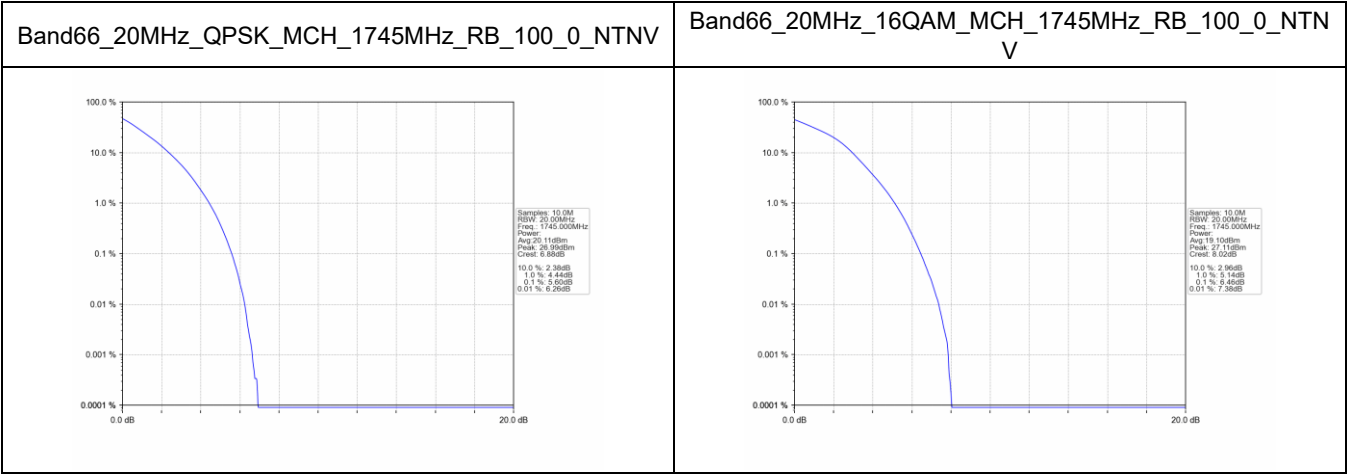
4.1.1 B66_20MHz

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	5.60	<=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

5.1.5 B66_15MHz

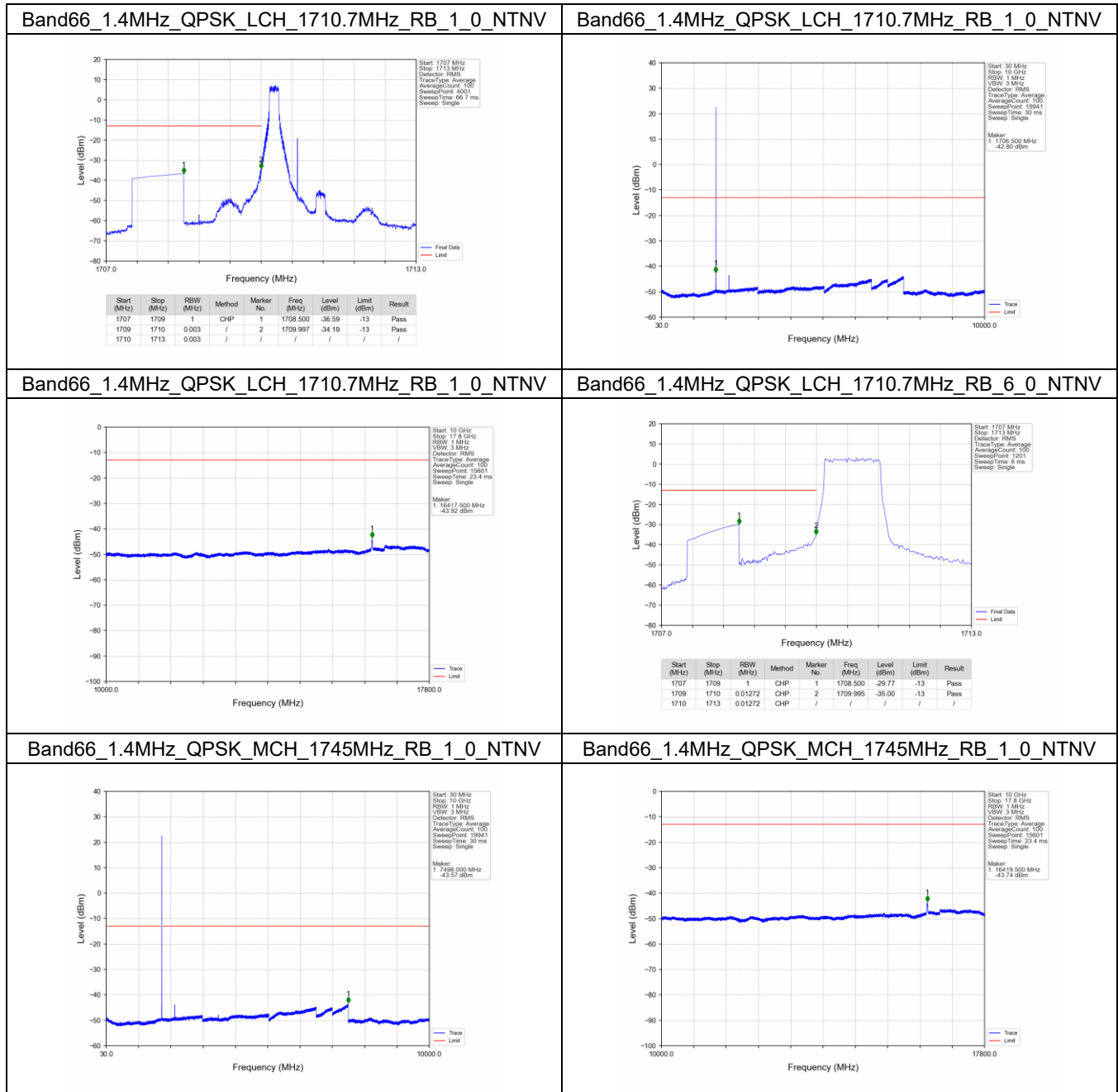
Band: 66 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

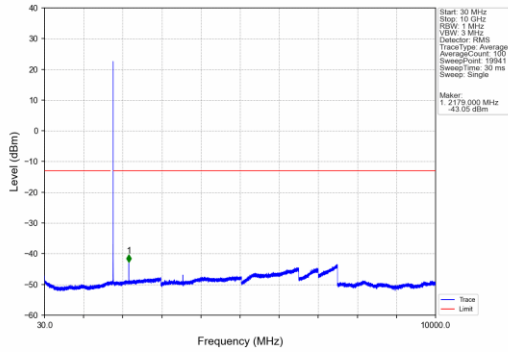
5.2 Test Graph

5.2.1 B66_1.4MHz

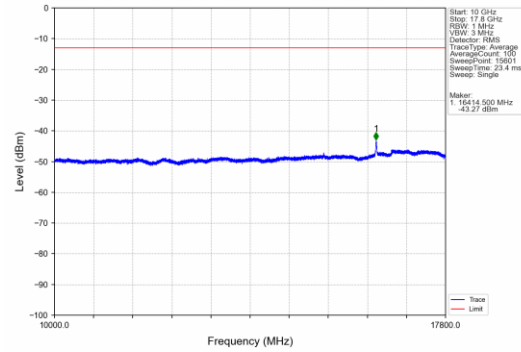




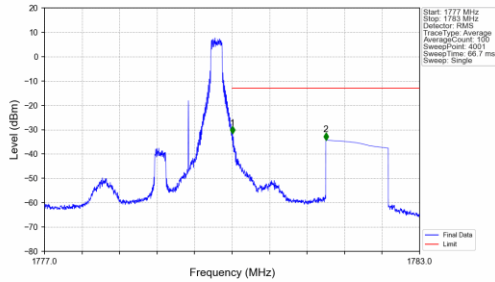
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV



Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_0_NTNV

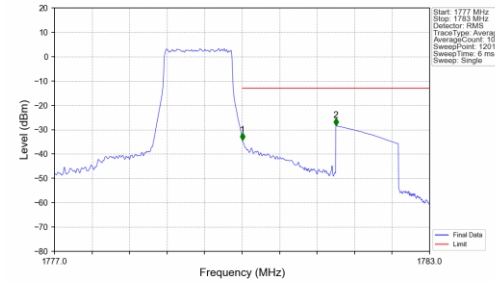


Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_1_5_NTNV



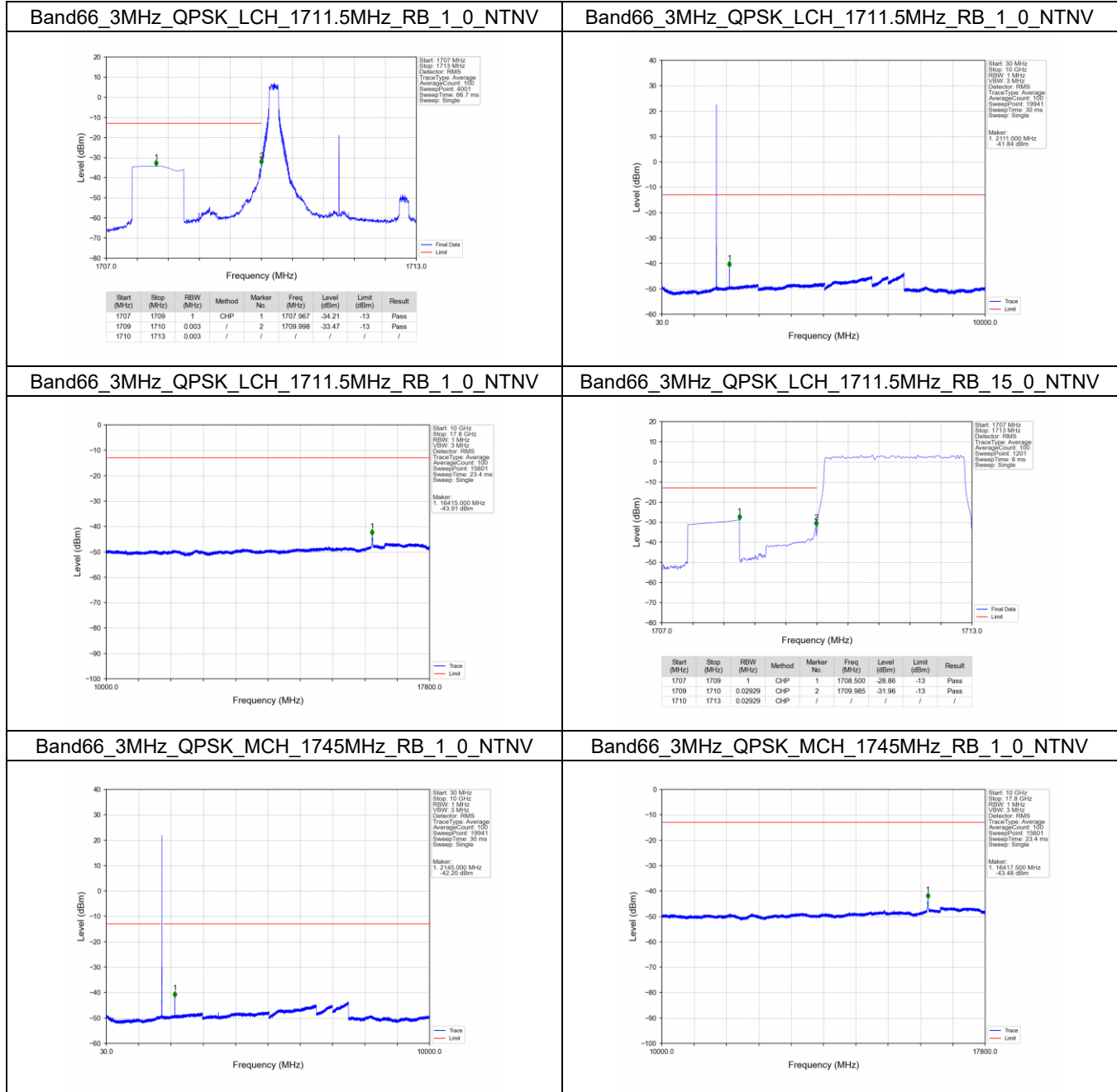
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-31.71	-13	Pass
1781	1783	1	CHP	2	1781.500	-34.32	-13	Pass

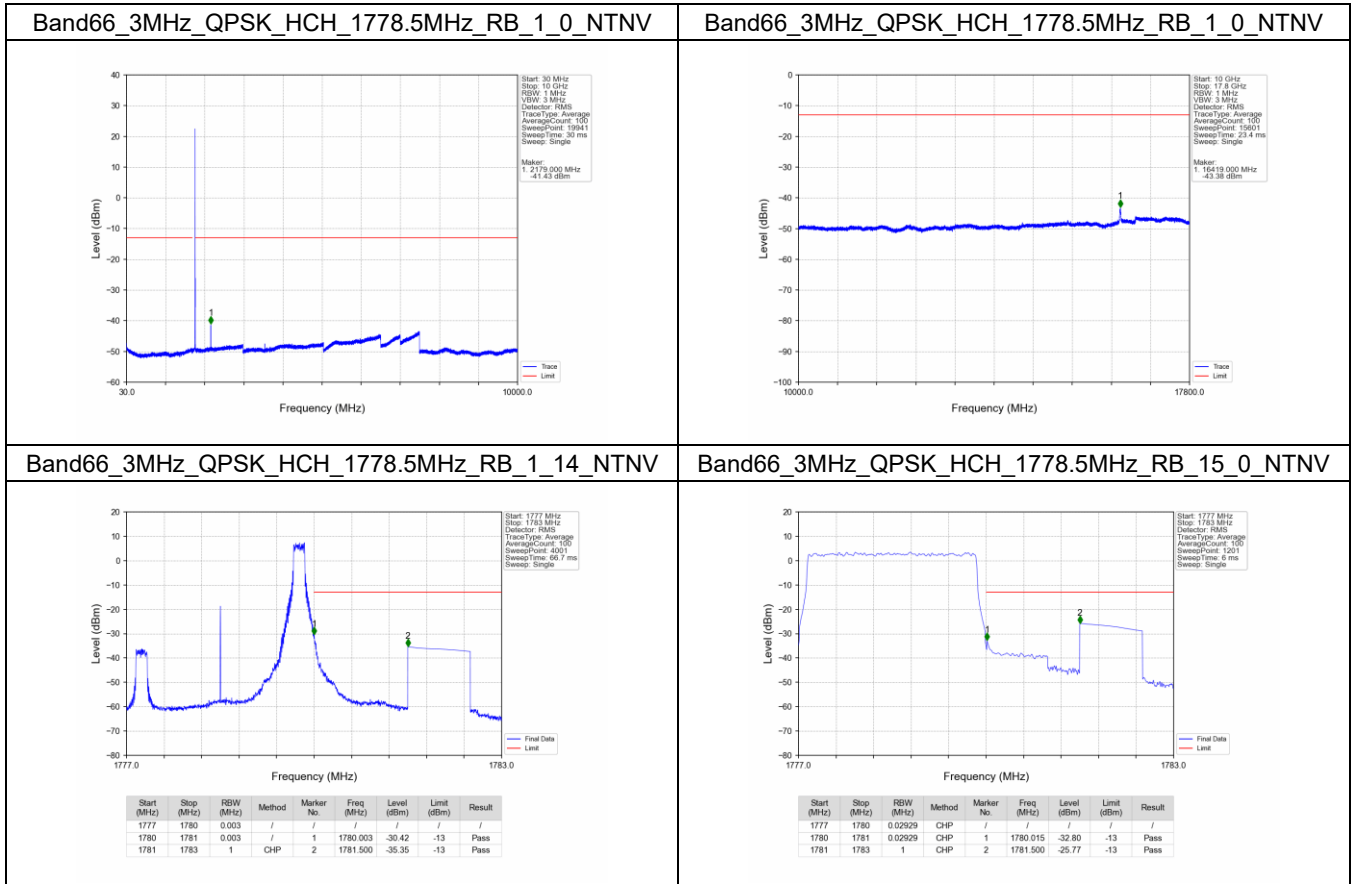
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



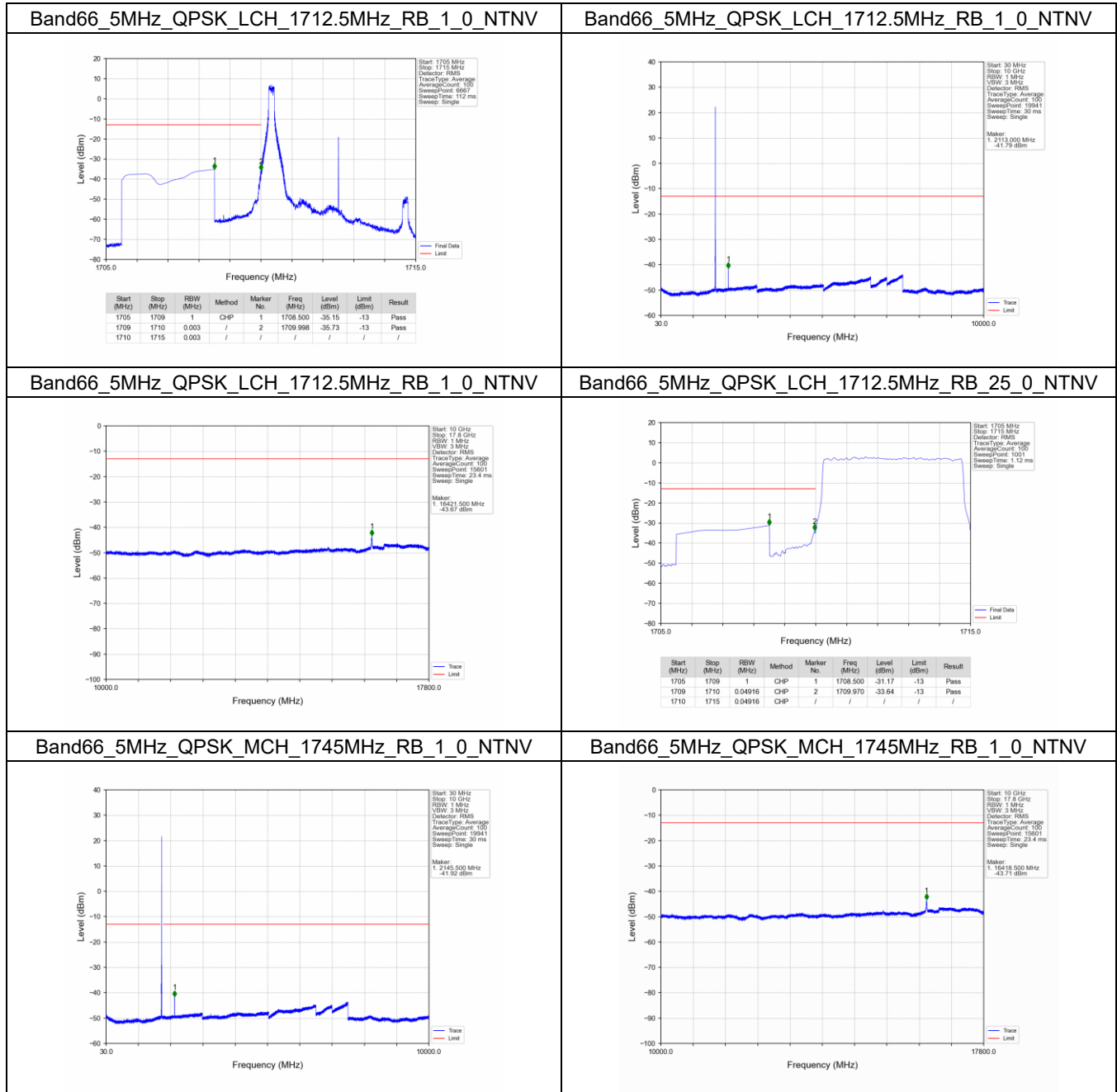
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.01272	CHP	/	/	/	/	/
1780	1781	0.01272	CHP	1	1780.005	-34.48	-13	Pass
1781	1783	1	CHP	2	1781.500	-28.30	-13	Pass

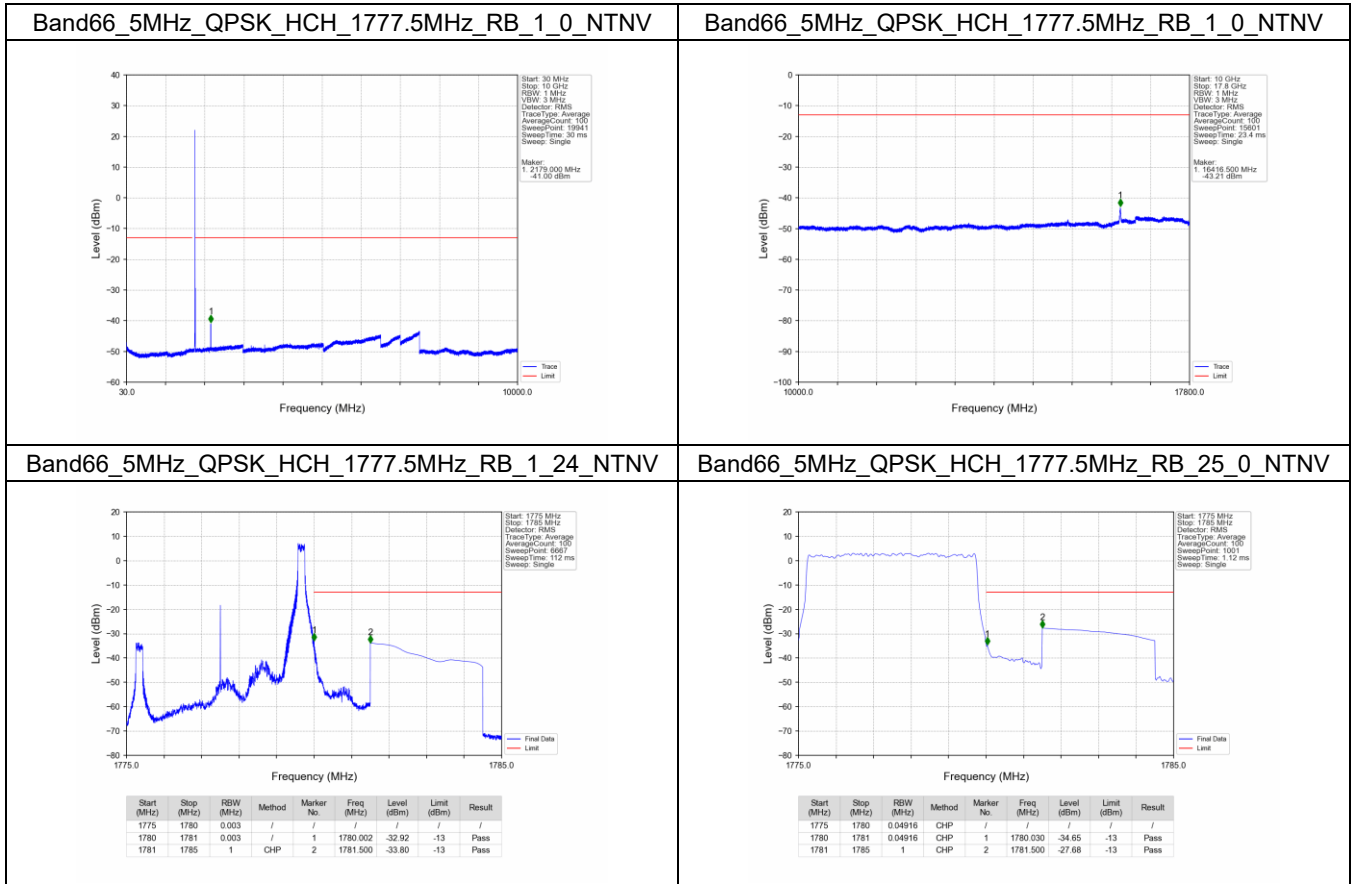
5.2.2 B66_3MHz



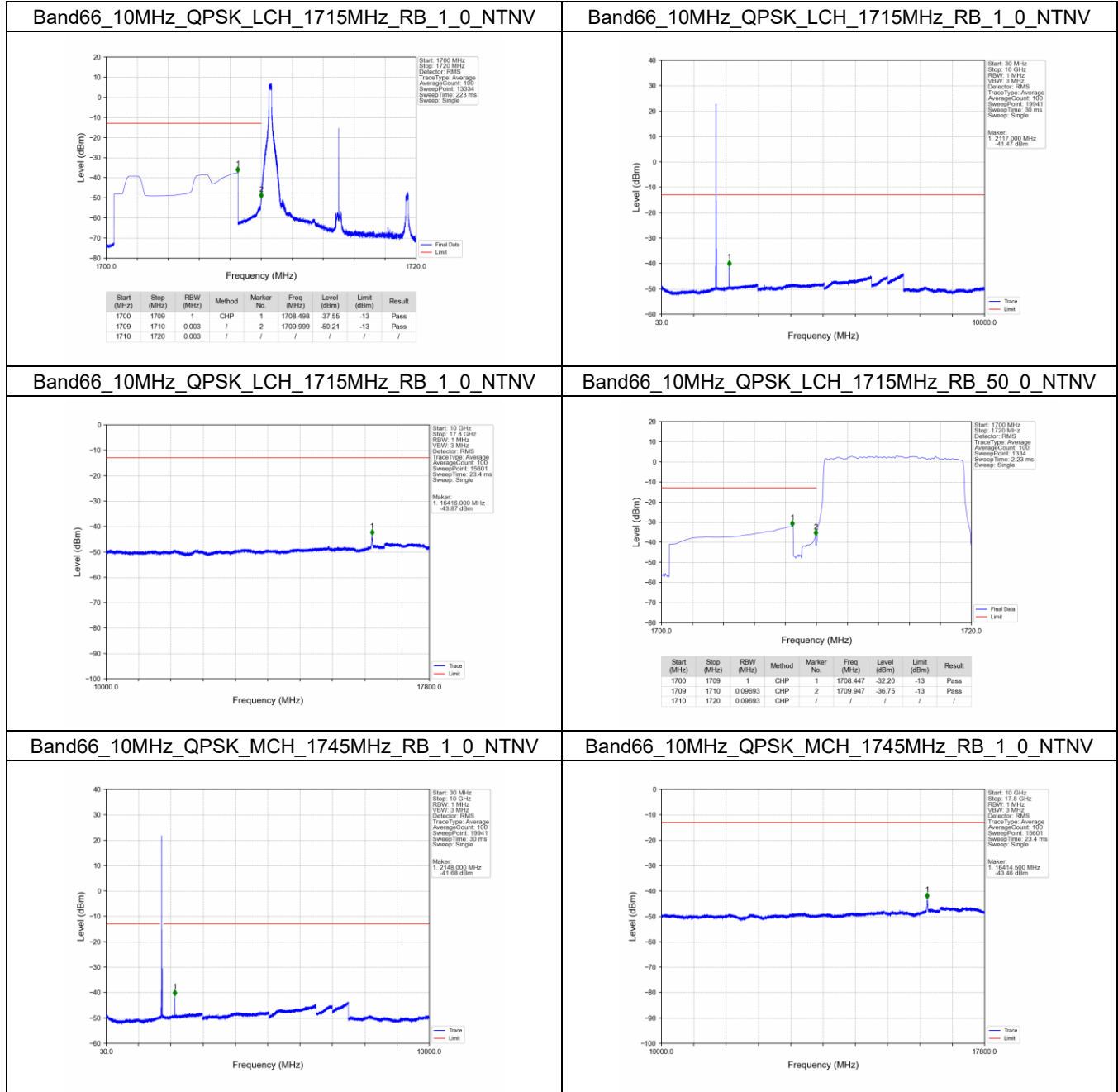


5.2.3 B66_5MHz



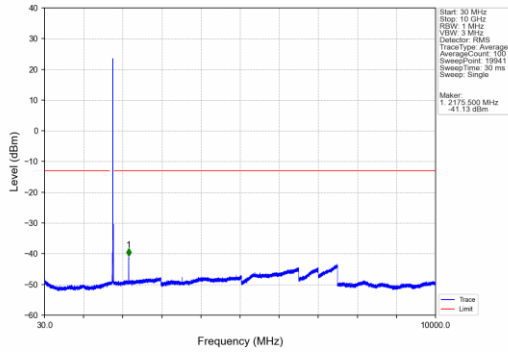


5.2.4 B66_10MHz

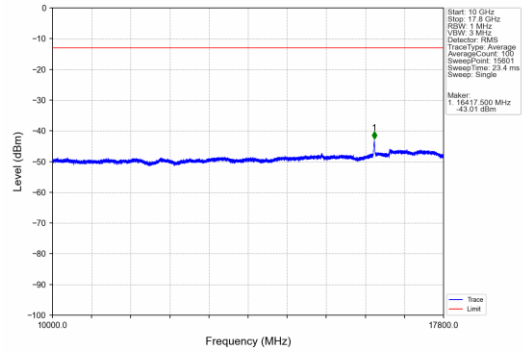




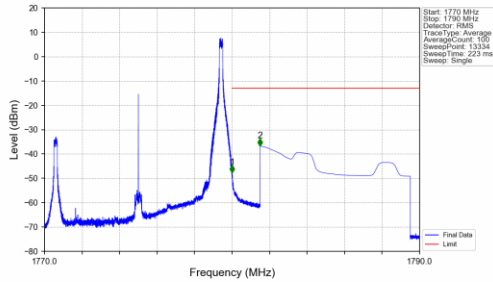
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV



Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV

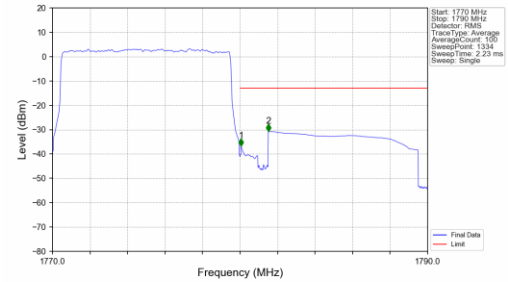


Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



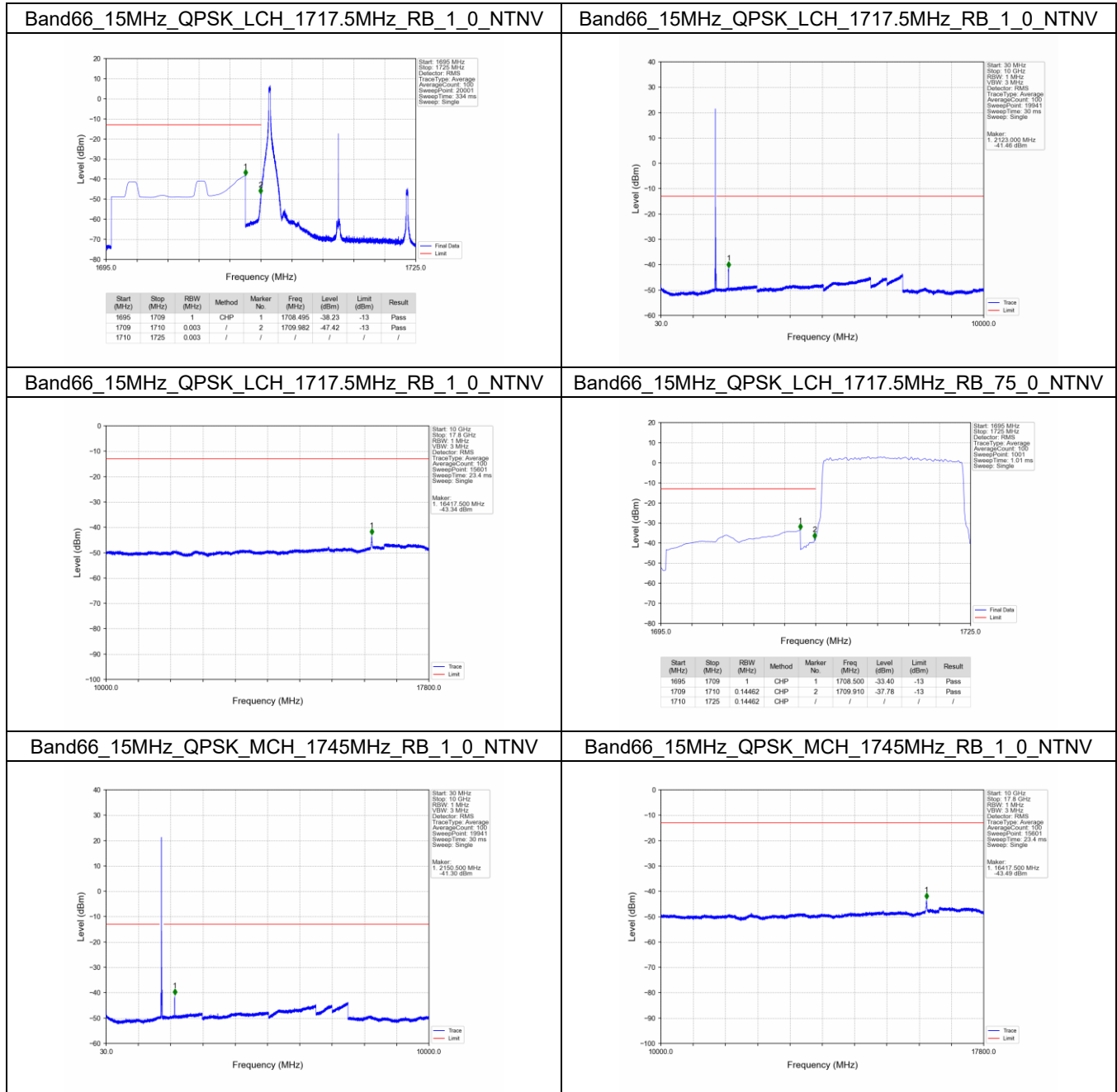
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.004	-47.77	-13	Pass
1781	1790	1	CHP	2	1781.501	-36.69	-13	Pass

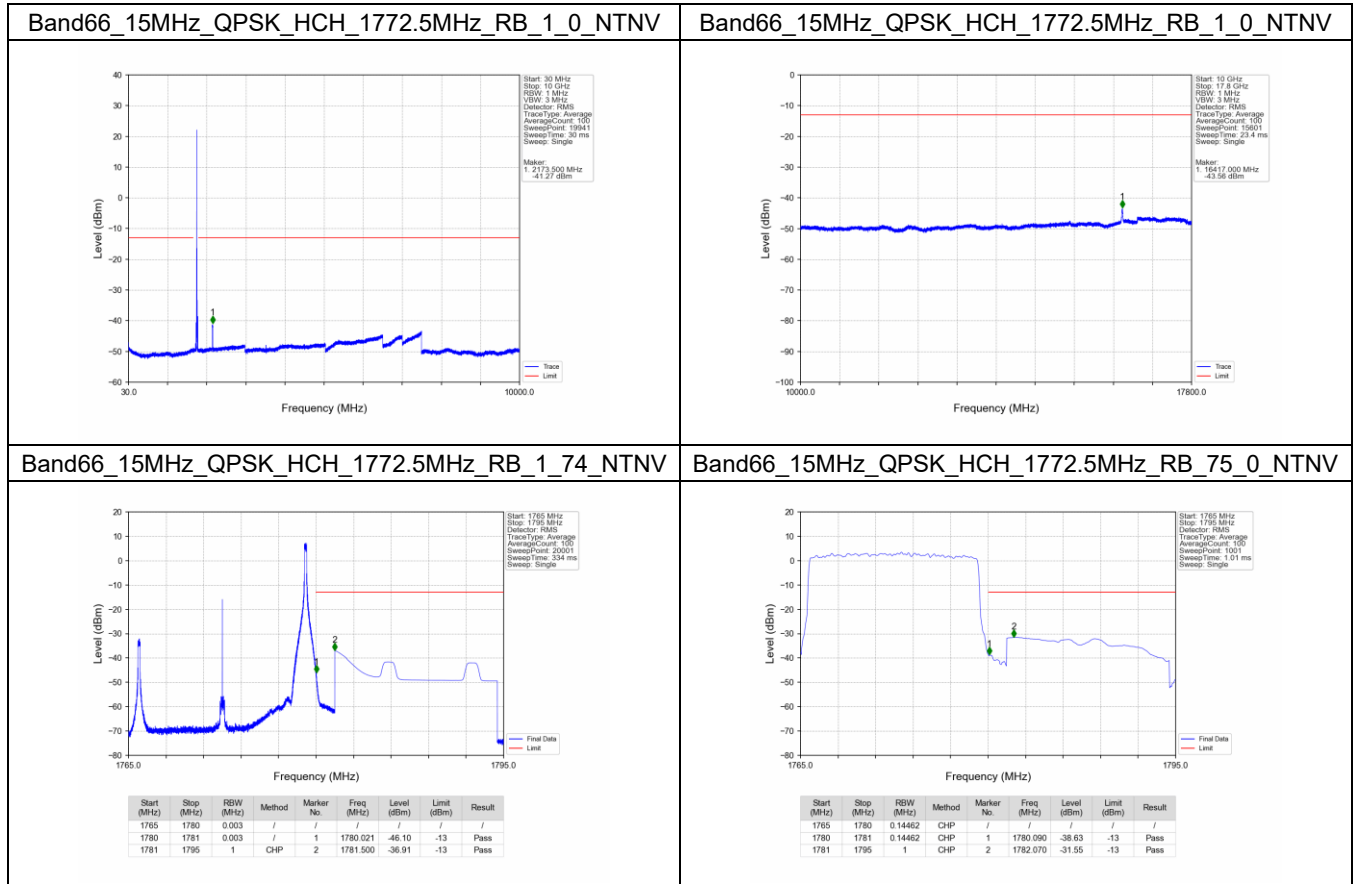
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



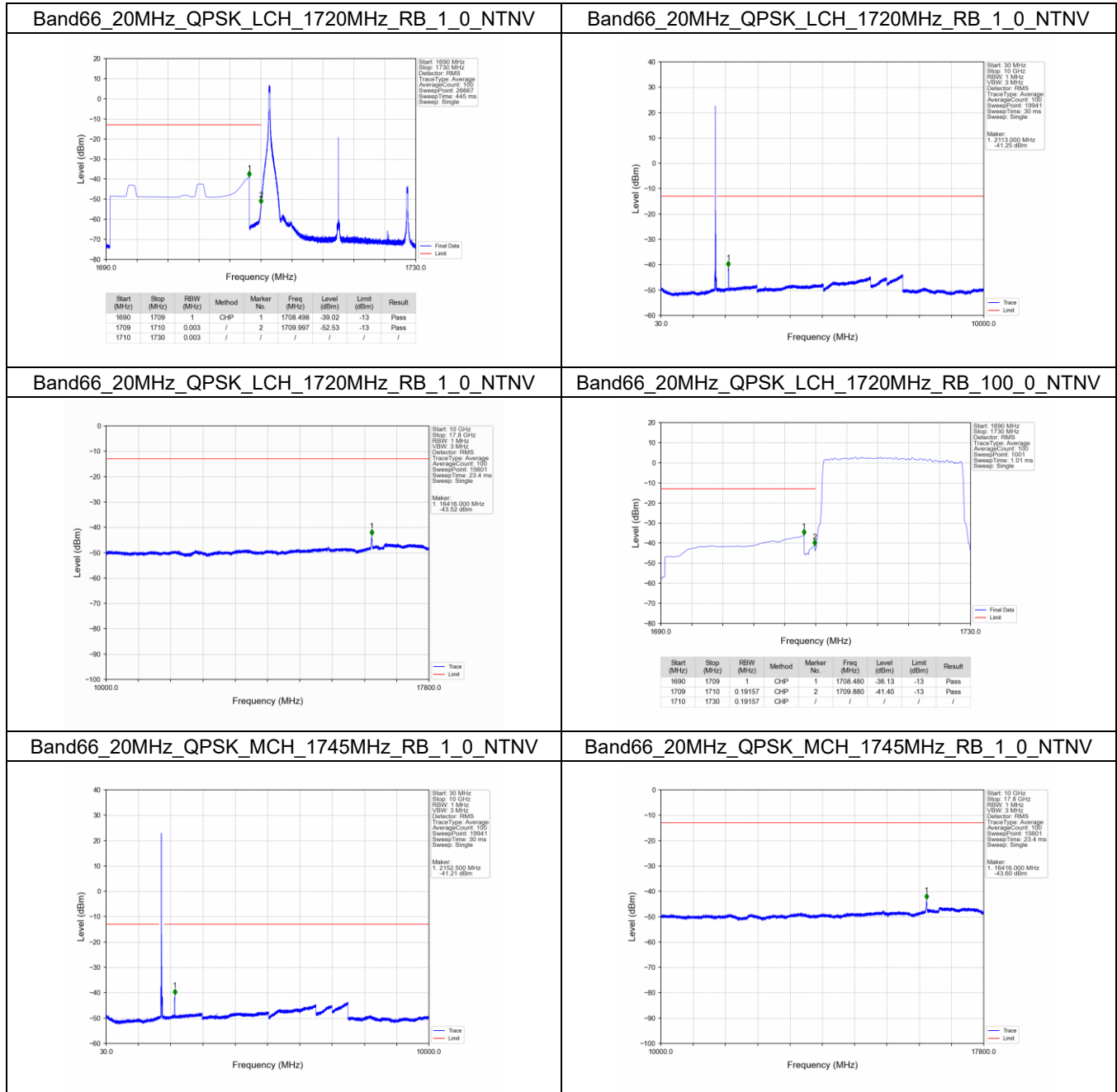
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.00093	CHP	/	/	/	/	/
1780	1781	0.00093	CHP	1	1780.053	-36.70	-13	Pass
1781	1790	1	CHP	2	1781.508	-30.70	-13	Pass

5.2.5 B66_15MHz

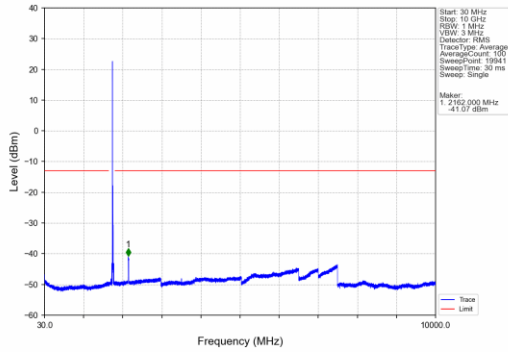




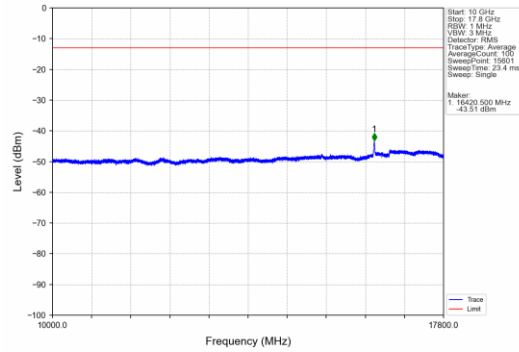
5.2.6 B66_20MHz



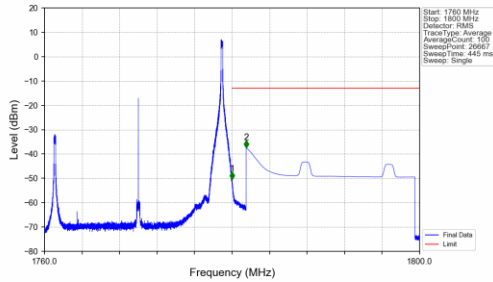
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV

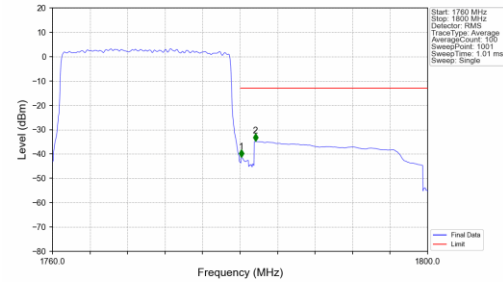


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1760	1781	0.003	/	1	1780.007	-50.46	-13	Pass
1781	1800	1	CHP	2	1781.500	-37.48	-13	Pass

Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.19157	CHP	/	/	/	/	/
1760	1781	0.19157	CHP	1	1780.120	-41.32	-13	Pass
1781	1800	1	CHP	2	1781.640	-34.85	-13	Pass



Report No.: SUCR260800084009
Page: 30 of 30

6. Frequency Stability (IC)

6.1 Test Result

6.1.1 B66_10MHz

Band: 66 / Bandwidth: 10MHz / NTNV									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	OBW (FL - FH) (MHz)		Limit	Verdict
		Size	Offset			FL	FH		
QPSK	1745	50	0	20	LV	1740.478	1749.476	1740 to 1750	Pass
					NV	1740.482	1749.476	1740 to 1750	Pass
					HV	1740.484	1749.482	1740 to 1750	Pass
				-30	NV	1740.484	1749.481	1740 to 1750	Pass
				-20	NV	1740.482	1749.476	1740 to 1750	Pass
				-10	NV	1740.486	1749.474	1740 to 1750	Pass
				0	NV	1740.488	1749.483	1740 to 1750	Pass
				10	NV	1740.477	1749.474	1740 to 1750	Pass
				30	NV	1740.490	1749.471	1740 to 1750	Pass
				40	NV	1740.477	1749.486	1740 to 1750	Pass
				50	NV	1740.481	1749.474	1740 to 1750	Pass

---End of Attachment---