

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	22.39	2.17	24.56	<=30	Pass	
			2	22.55	2.17	24.72	<=30	Pass	
			5	22.47	2.17	24.64	<=30	Pass	
		3	0	22.48	2.17	24.65	<=30	Pass	
			2	22.66	2.17	24.83	<=30	Pass	
			3	22.60	2.17	24.77	<=30	Pass	
		6	0	21.66	2.17	23.83	<=30	Pass	
	1745	1	0	22.51	2.17	24.68	<=30	Pass	
			2	22.55	2.17	24.72	<=30	Pass	
			5	22.55	2.17	24.72	<=30	Pass	
		3	0	22.48	2.17	24.65	<=30	Pass	
			2	22.49	2.17	24.66	<=30	Pass	
			3	22.50	2.17	24.67	<=30	Pass	
	1779.3	6	0	21.53	2.17	23.70	<=30	Pass	
			1	0	22.31	2.17	24.48	<=30	Pass
				2	22.29	2.17	24.46	<=30	Pass
		5		22.26	2.17	24.43	<=30	Pass	
		3	0	22.25	2.17	24.42	<=30	Pass	
			2	22.24	2.17	24.41	<=30	Pass	
			3	22.22	2.17	24.39	<=30	Pass	
	16QAM	1710.7	6	0	21.38	2.17	23.55	<=30	Pass
1				0	21.98	2.17	24.15	<=30	Pass
				2	22.00	2.17	24.17	<=30	Pass
			5	22.09	2.17	24.26	<=30	Pass	
3			0	21.77	2.17	23.94	<=30	Pass	
			2	21.73	2.17	23.90	<=30	Pass	
			3	21.74	2.17	23.91	<=30	Pass	
6		0	20.94	2.17	23.11	<=30	Pass		
1745		1	0	21.76	2.17	23.93	<=30	Pass	
			2	21.90	2.17	24.07	<=30	Pass	
			5	21.79	2.17	23.96	<=30	Pass	
		3	0	21.56	2.17	23.73	<=30	Pass	
			2	21.70	2.17	23.87	<=30	Pass	
			3	21.71	2.17	23.88	<=30	Pass	
6		0	20.76	2.17	22.93	<=30	Pass		
1779.3		1	0	21.65	2.17	23.82	<=30	Pass	
			2	21.60	2.17	23.77	<=30	Pass	
			5	21.62	2.17	23.79	<=30	Pass	
		3	0	21.41	2.17	23.58	<=30	Pass	
			2	21.36	2.17	23.53	<=30	Pass	
			3	21.35	2.17	23.52	<=30	Pass	
	6	0	20.43	2.17	22.60	<=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	22.48	2.17	24.65	<=30	Pass	
			7	22.72	2.17	24.89	<=30	Pass	
			14	22.33	2.17	24.50	<=30	Pass	
		8	0	21.65	2.17	23.82	<=30	Pass	
			4	21.69	2.17	23.86	<=30	Pass	
			7	21.59	2.17	23.76	<=30	Pass	
		15	0	21.61	2.17	23.78	<=30	Pass	
		1745	1	0	22.29	2.17	24.46	<=30	Pass
				7	22.53	2.17	24.70	<=30	Pass
	14			22.45	2.17	24.62	<=30	Pass	
	8		0	21.54	2.17	23.71	<=30	Pass	
			4	21.62	2.17	23.79	<=30	Pass	
			7	21.63	2.17	23.80	<=30	Pass	
	15	0	21.57	2.17	23.74	<=30	Pass		
	1778.5	1	0	22.17	2.17	24.34	<=30	Pass	
			7	22.29	2.17	24.46	<=30	Pass	
			14	22.10	2.17	24.27	<=30	Pass	
		8	0	21.37	2.17	23.54	<=30	Pass	
			4	21.40	2.17	23.57	<=30	Pass	
			7	21.36	2.17	23.53	<=30	Pass	
		15	0	21.34	2.17	23.51	<=30	Pass	
16QAM		1711.5	1	0	21.89	2.17	24.06	<=30	Pass
				7	21.95	2.17	24.12	<=30	Pass
	14			21.82	2.17	23.99	<=30	Pass	
	8		0	20.85	2.17	23.02	<=30	Pass	
			4	20.87	2.17	23.04	<=30	Pass	
			7	20.77	2.17	22.94	<=30	Pass	
	15		0	20.75	2.17	22.92	<=30	Pass	
	1745		1	0	21.59	2.17	23.76	<=30	Pass
				7	21.87	2.17	24.04	<=30	Pass
		14		21.85	2.17	24.02	<=30	Pass	
		8	0	20.62	2.17	22.79	<=30	Pass	
			4	20.73	2.17	22.90	<=30	Pass	
			7	20.73	2.17	22.90	<=30	Pass	
	15	0	20.65	2.17	22.82	<=30	Pass		
	1778.5	1	0	21.56	2.17	23.73	<=30	Pass	
			7	21.75	2.17	23.92	<=30	Pass	
			14	21.51	2.17	23.68	<=30	Pass	
		8	0	20.40	2.17	22.57	<=30	Pass	
			4	20.42	2.17	22.59	<=30	Pass	
			7	20.40	2.17	22.57	<=30	Pass	
		15	0	20.33	2.17	22.50	<=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	22.83	2.17	25.00	<=30	Pass

			13	22.65	2.17	24.82	<=30	Pass	
			24	22.49	2.17	24.66	<=30	Pass	
			12	0	21.71	2.17	23.88	<=30	Pass
				6	21.63	2.17	23.80	<=30	Pass
				13	21.56	2.17	23.73	<=30	Pass
		25	0	21.63	2.17	23.80	<=30	Pass	
		1745	1	0	22.52	2.17	24.69	<=30	Pass
				13	22.55	2.17	24.72	<=30	Pass
				24	22.66	2.17	24.83	<=30	Pass
			12	0	21.56	2.17	23.73	<=30	Pass
	6			21.63	2.17	23.80	<=30	Pass	
	13			21.73	2.17	23.90	<=30	Pass	
	25		0	21.65	2.17	23.82	<=30	Pass	
	1777.5	1	0	22.47	2.17	24.64	<=30	Pass	
			13	22.27	2.17	24.44	<=30	Pass	
			24	22.25	2.17	24.42	<=30	Pass	
		12	0	21.43	2.17	23.60	<=30	Pass	
			6	21.54	2.17	23.71	<=30	Pass	
			13	21.56	2.17	23.73	<=30	Pass	
		25	0	21.55	2.17	23.72	<=30	Pass	

16QAM	1712.5	1	0	22.14	2.17	24.31	<=30	Pass
			13	21.95	2.17	24.12	<=30	Pass
			24	21.74	2.17	23.91	<=30	Pass
		12	0	20.80	2.17	22.97	<=30	Pass
			6	20.76	2.17	22.93	<=30	Pass
			13	20.69	2.17	22.86	<=30	Pass
		25	0	20.76	2.17	22.93	<=30	Pass
	1745	1	0	21.76	2.17	23.93	<=30	Pass
			13	22.01	2.17	24.18	<=30	Pass
			24	22.13	2.17	24.30	<=30	Pass
		12	0	20.63	2.17	22.80	<=30	Pass
			6	20.70	2.17	22.87	<=30	Pass
			13	20.79	2.17	22.96	<=30	Pass
		25	0	20.70	2.17	22.87	<=30	Pass
	1777.5	1	0	21.74	2.17	23.91	<=30	Pass
			13	21.78	2.17	23.95	<=30	Pass
			24	21.78	2.17	23.95	<=30	Pass
		12	0	20.54	2.17	22.71	<=30	Pass
			6	20.52	2.17	22.69	<=30	Pass
			13	20.56	2.17	22.73	<=30	Pass
25		0	20.53	2.17	22.70	<=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	22.67	2.17	24.84	<=30	Pass
			25	22.36	2.17	24.53	<=30	Pass
			49	22.09	2.17	24.26	<=30	Pass
		25	0	21.63	2.17	23.80	<=30	Pass
			13	21.48	2.17	23.65	<=30	Pass
			25	21.28	2.17	23.45	<=30	Pass
		50	0	21.46	2.17	23.63	<=30	Pass

16QAM	1745	1	0	22.44	2.17	24.61	<=30	Pass
			25	22.67	2.17	24.84	<=30	Pass
			49	22.87	2.17	25.04	<=30	Pass
		25	0	21.62	2.17	23.79	<=30	Pass
			13	21.82	2.17	23.99	<=30	Pass
			25	21.86	2.17	24.03	<=30	Pass
		50	0	21.77	2.17	23.94	<=30	Pass
	1775	1	0	22.24	2.17	24.41	<=30	Pass
			25	22.54	2.17	24.71	<=30	Pass
			49	22.51	2.17	24.68	<=30	Pass
		25	0	21.40	2.17	23.57	<=30	Pass
			13	21.49	2.17	23.66	<=30	Pass
			25	21.54	2.17	23.71	<=30	Pass
		50	0	21.47	2.17	23.64	<=30	Pass
16QAM	1715	1	0	22.11	2.17	24.28	<=30	Pass
			25	21.73	2.17	23.90	<=30	Pass
			49	21.56	2.17	23.73	<=30	Pass
		12	0	21.80	2.17	23.97	<=30	Pass
			19	21.50	2.17	23.67	<=30	Pass
			38	21.26	2.17	23.43	<=30	Pass
		27	0	20.77	2.17	22.94	<=30	Pass
	1745	1	0	21.91	2.17	24.08	<=30	Pass
			25	22.04	2.17	24.21	<=30	Pass
			49	22.27	2.17	24.44	<=30	Pass
		12	0	21.54	2.17	23.71	<=30	Pass
			19	21.81	2.17	23.98	<=30	Pass
			38	21.89	2.17	24.06	<=30	Pass
		27	0	20.68	2.17	22.85	<=30	Pass
	1775	1	0	21.50	2.17	23.67	<=30	Pass
			25	21.78	2.17	23.95	<=30	Pass
			49	21.86	2.17	24.03	<=30	Pass
		12	0	21.38	2.17	23.55	<=30	Pass
			19	21.52	2.17	23.69	<=30	Pass
			38	21.56	2.17	23.73	<=30	Pass
		27	23	20.66	2.17	22.83	<=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	22.76	2.17	24.93	<=30	Pass
			38	22.08	2.17	24.25	<=30	Pass
			74	21.58	2.17	23.75	<=30	Pass
		36	0	21.54	2.17	23.71	<=30	Pass
			18	21.26	2.17	23.43	<=30	Pass
			39	21.01	2.17	23.18	<=30	Pass
		75	0	21.80	2.17	23.97	<=30	Pass
	1745	1	0	22.26	2.17	24.43	<=30	Pass
			38	22.77	2.17	24.94	<=30	Pass
			74	22.87	2.17	25.04	<=30	Pass
		36	0	21.54	2.17	23.71	<=30	Pass
			18	21.79	2.17	23.96	<=30	Pass
			39	21.92	2.17	24.09	<=30	Pass

	1772.5	75	0	21.76	2.17	23.93	<=30	Pass		
		1	0	22.41	2.17	24.58	<=30	Pass		
			38	22.30	2.17	24.47	<=30	Pass		
			74	22.38	2.17	24.55	<=30	Pass		
			0	21.33	2.17	23.50	<=30	Pass		
		36	18	21.41	2.17	23.58	<=30	Pass		
			39	21.56	2.17	23.73	<=30	Pass		
			75	0	21.43	2.17	23.60	<=30	Pass	
		16QAM	1717.5	1	0	22.11	2.17	24.28	<=30	Pass
					38	21.50	2.17	23.67	<=30	Pass
74	21.05				2.17	23.22	<=30	Pass		
12	0			21.71	2.17	23.88	<=30	Pass		
	31			21.30	2.17	23.47	<=30	Pass		
	63			20.87	2.17	23.04	<=30	Pass		
27	0			20.72	2.17	22.89	<=30	Pass		
1745	1			0	21.64	2.17	23.81	<=30	Pass	
				38	22.17	2.17	24.34	<=30	Pass	
			74	22.27	2.17	24.44	<=30	Pass		
	12		0	21.44	2.17	23.61	<=30	Pass		
			31	21.81	2.17	23.98	<=30	Pass		
			63	21.97	2.17	24.14	<=30	Pass		
	27		0	20.54	2.17	22.71	<=30	Pass		
	1772.5		1	0	21.79	2.17	23.96	<=30	Pass	
				38	21.72	2.17	23.89	<=30	Pass	
74				21.75	2.17	23.92	<=30	Pass		
12			0	21.36	2.17	23.53	<=30	Pass		
			31	21.42	2.17	23.59	<=30	Pass		
			63	21.55	2.17	23.72	<=30	Pass		
27			48	20.68	2.17	22.85	<=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	22.56	2.17	24.73	<=30	Pass
			50	21.93	2.17	24.10	<=30	Pass
			99	21.57	2.17	23.74	<=30	Pass
		50	0	21.36	2.17	23.53	<=30	Pass
			25	21.14	2.17	23.31	<=30	Pass
			50	20.86	2.17	23.03	<=30	Pass
		100	0	21.86	2.17	24.03	<=30	Pass
			0	22.05	2.17	24.22	<=30	Pass
			50	22.73	2.17	24.90	<=30	Pass
	1745	1	99	23.00	2.17	25.17	<=30	Pass
			0	21.50	2.17	23.67	<=30	Pass
			25	21.79	2.17	23.96	<=30	Pass
		50	50	21.94	2.17	24.11	<=30	Pass
			0	21.73	2.17	23.90	<=30	Pass
			0	22.45	2.17	24.62	<=30	Pass
		100	50	22.20	2.17	24.37	<=30	Pass
			99	22.55	2.17	24.72	<=30	Pass
			0	21.49	2.17	23.66	<=30	Pass
	1770	50	25	21.44	2.17	23.61	<=30	Pass

			50	21.56	2.17	23.73	<=30	Pass	
		100	0	21.52	2.17	23.69	<=30	Pass	
16QAM	1720	1	0	22.08	2.17	24.25	<=30	Pass	
			50	21.44	2.17	23.61	<=30	Pass	
			99	21.10	2.17	23.27	<=30	Pass	
		12	0	21.76	2.17	23.93	<=30	Pass	
			44	21.13	2.17	23.30	<=30	Pass	
			88	20.77	2.17	22.94	<=30	Pass	
		27	0	20.72	2.17	22.89	<=30	Pass	
		1745	1	0	21.45	2.17	23.62	<=30	Pass
				50	22.13	2.17	24.30	<=30	Pass
	99			22.35	2.17	24.52	<=30	Pass	
	12		0	21.18	2.17	23.35	<=30	Pass	
			44	21.82	2.17	23.99	<=30	Pass	
			88	22.00	2.17	24.17	<=30	Pass	
	27	0	20.40	2.17	22.57	<=30	Pass		
	1770	1	0	21.78	2.17	23.95	<=30	Pass	
			50	21.45	2.17	23.62	<=30	Pass	
			99	21.81	2.17	23.98	<=30	Pass	
		12	0	21.56	2.17	23.73	<=30	Pass	
			44	21.33	2.17	23.50	<=30	Pass	
			88	21.65	2.17	23.82	<=30	Pass	
		27	73	20.75	2.17	22.92	<=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	3.40	-1.600	-0.0009	-2.5 to 2.5	Pass
					3.80	-1.100	-0.0006	-2.5 to 2.5	Pass
					4.20	0.900	0.0005	-2.5 to 2.5	Pass
				-30	3.80	-0.800	-0.0005	-2.5 to 2.5	Pass
				-20	3.80	-1.000	-0.0006	-2.5 to 2.5	Pass
				-10	3.80	0.300	0.0002	-2.5 to 2.5	Pass
				0	3.80	-3.300	-0.0019	-2.5 to 2.5	Pass
				10	3.80	-0.700	-0.0004	-2.5 to 2.5	Pass
				30	3.80	0.500	0.0003	-2.5 to 2.5	Pass
				40	3.80	2.000	0.0011	-2.5 to 2.5	Pass
				50	3.80	-3.000	-0.0017	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band66_OBW

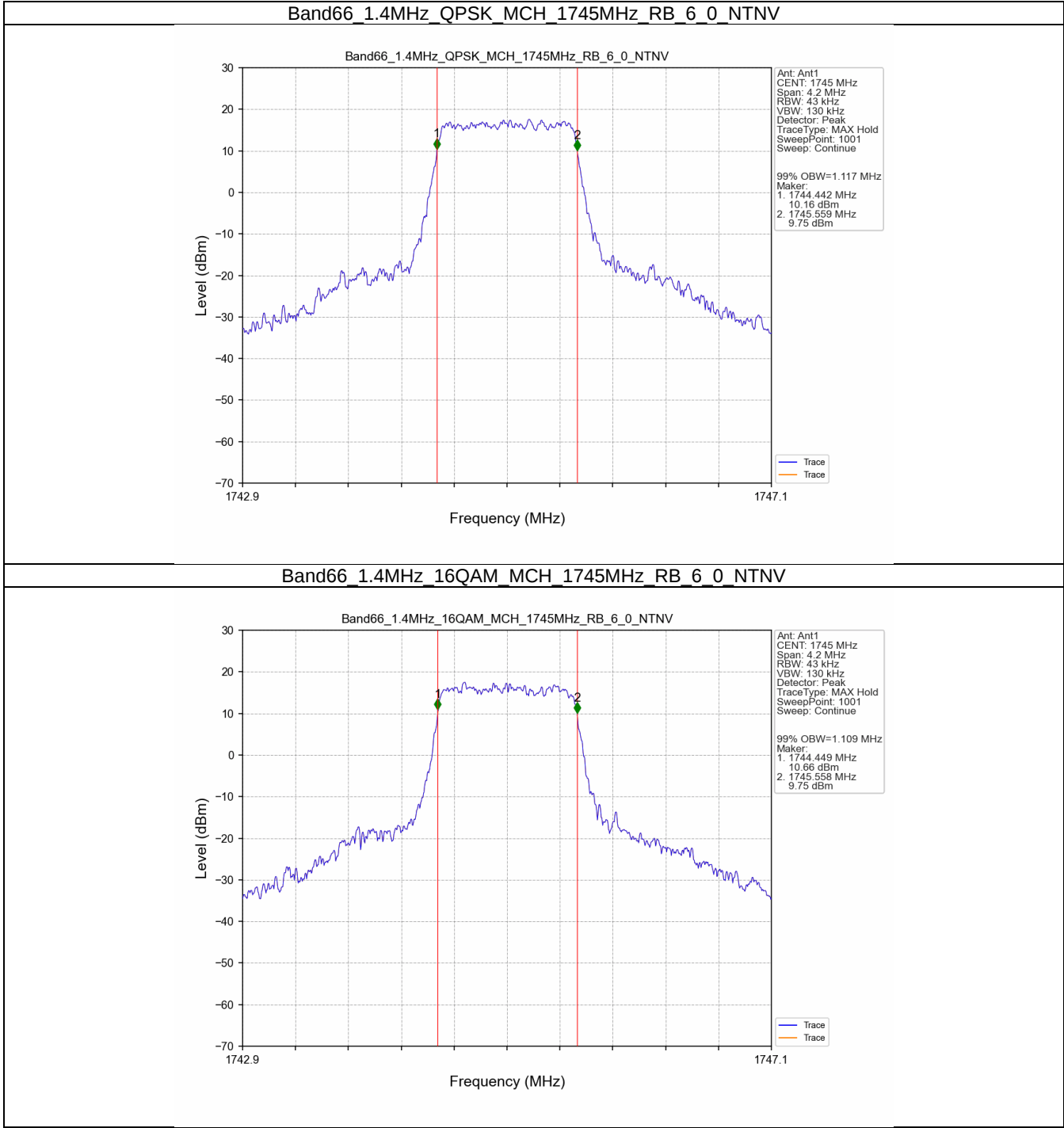
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.117	/	Pass
	16QAM	1745	6	0	1.109	/	Pass
3	QPSK	1745	15	0	2.720	/	Pass
	16QAM	1745	15	0	2.728	/	Pass
5	QPSK	1745	25	0	4.537	/	Pass
	16QAM	1745	25	0	4.526	/	Pass
10	QPSK	1745	50	0	9.078	/	Pass
	16QAM	1745	27	0	5.126	/	Pass
15	QPSK	1745	75	0	13.599	/	Pass
	16QAM	1745	27	0	5.411	/	Pass
20	QPSK	1745	100	0	18.048	/	Pass
	16QAM	1745	27	0	5.700	/	Pass

3.1.2 Band66_XDB

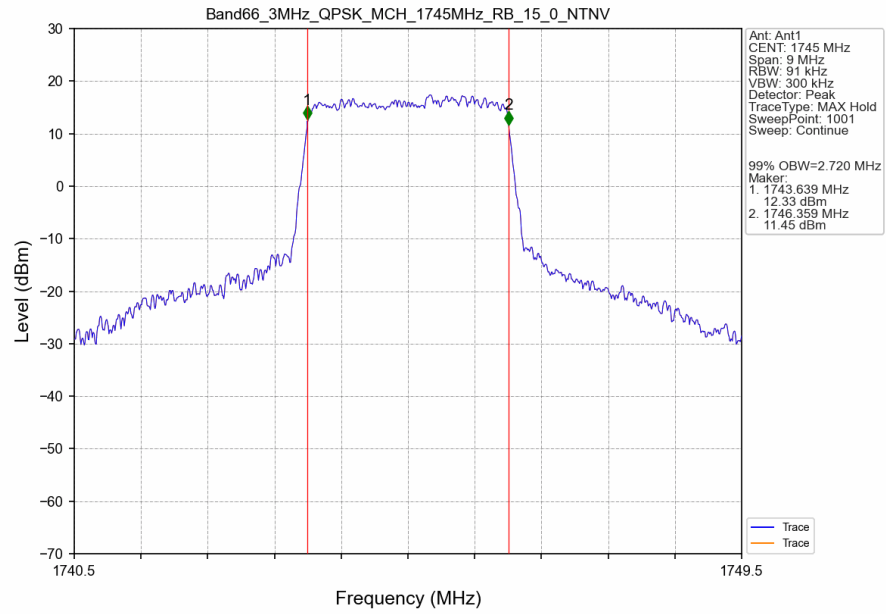
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1745	6	0	1.348	/	Pass
	16QAM	1745	6	0	1.313	/	Pass
3	QPSK	1745	15	0	3.047	/	Pass
	16QAM	1745	15	0	3.033	/	Pass
5	QPSK	1745	25	0	5.118	/	Pass
	16QAM	1745	25	0	5.102	/	Pass
10	QPSK	1745	50	0	10.337	/	Pass
	16QAM	1745	27	0	6.293	/	Pass
15	QPSK	1745	75	0	15.550	/	Pass
	16QAM	1745	27	0	7.045	/	Pass
20	QPSK	1745	100	0	20.239	/	Pass
	16QAM	1745	27	0	7.811	/	Pass

3.2 Test Graph

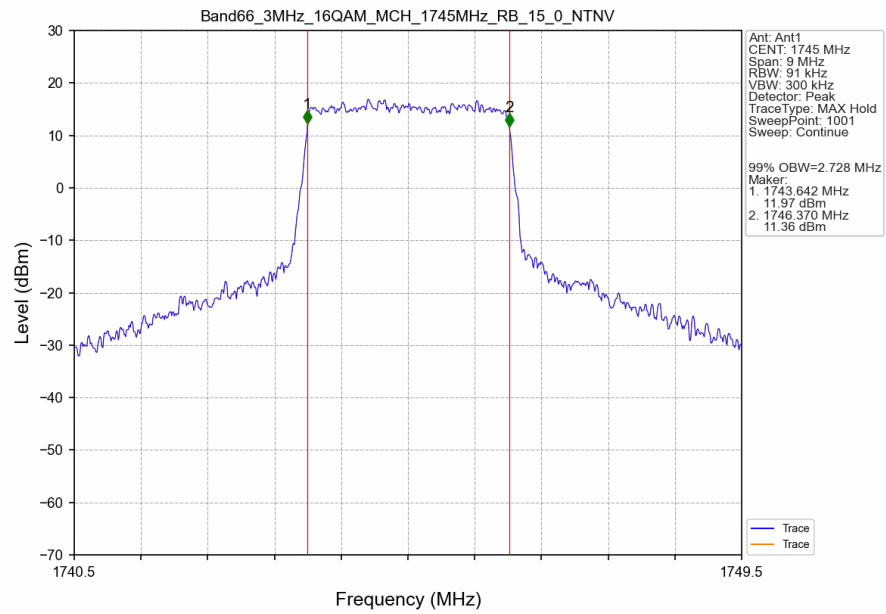
3.2.1 Band66_OBW



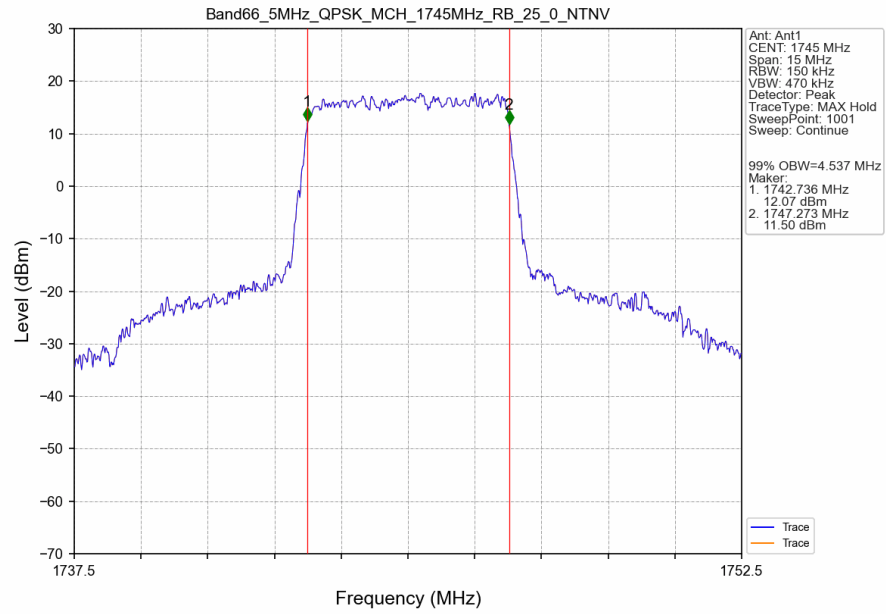
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



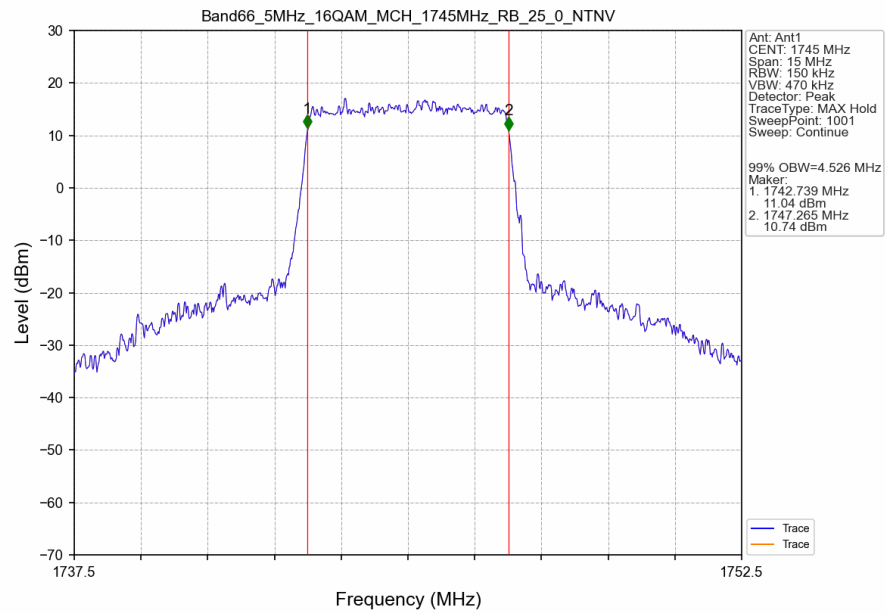
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



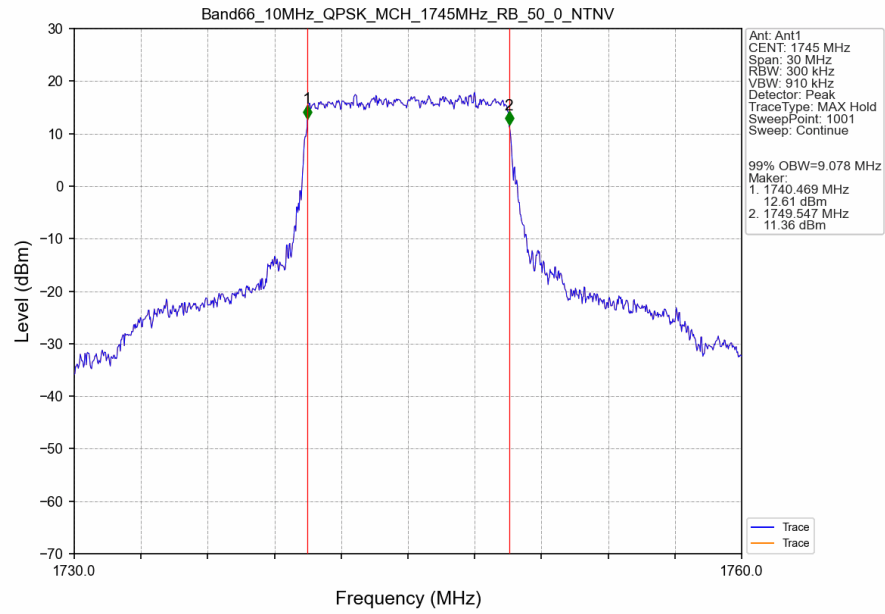
Band66 5MHz QPSK MCH 1745MHz RB 25_0 NTN



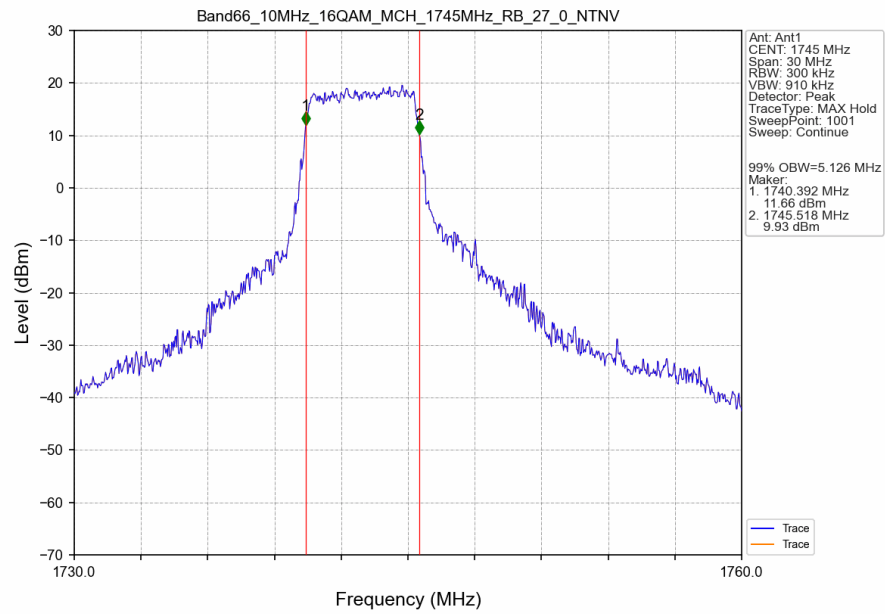
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0 NTN



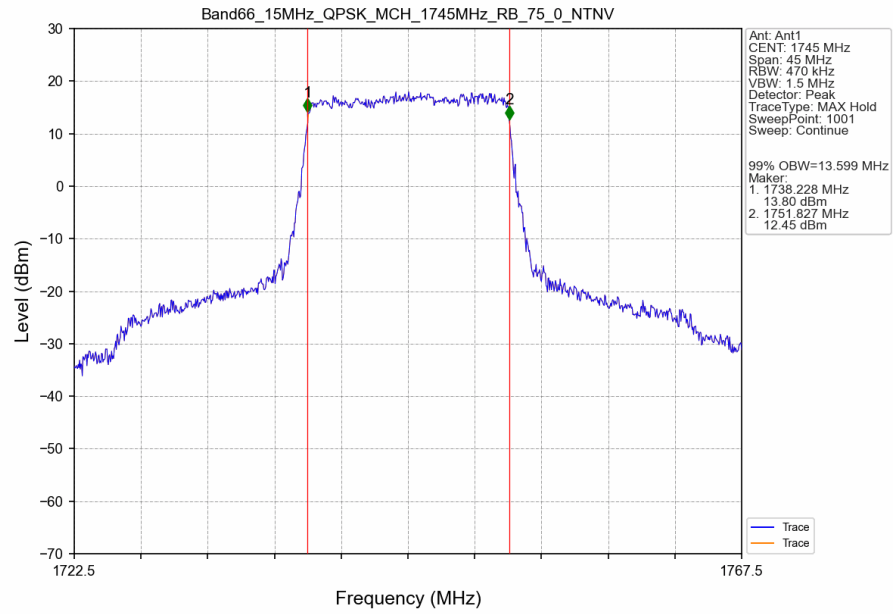
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



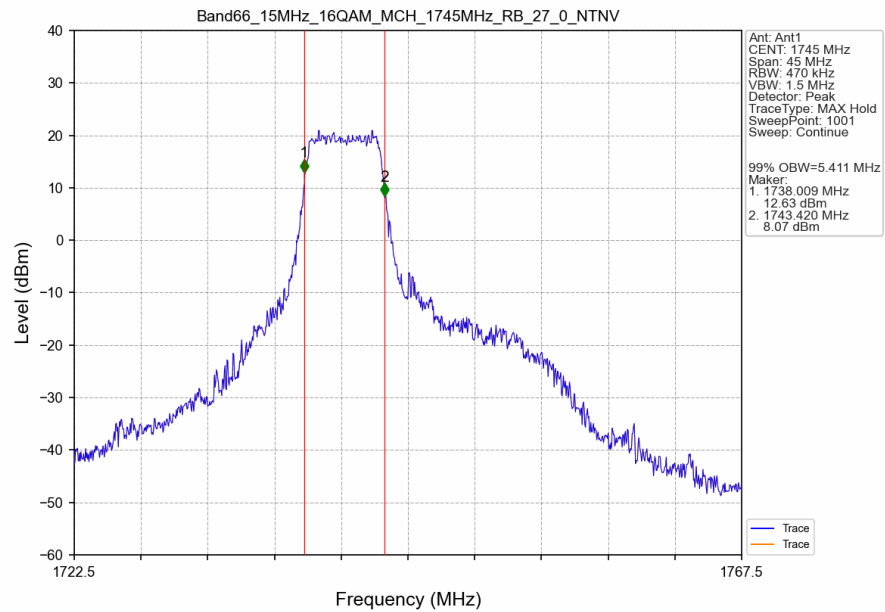
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



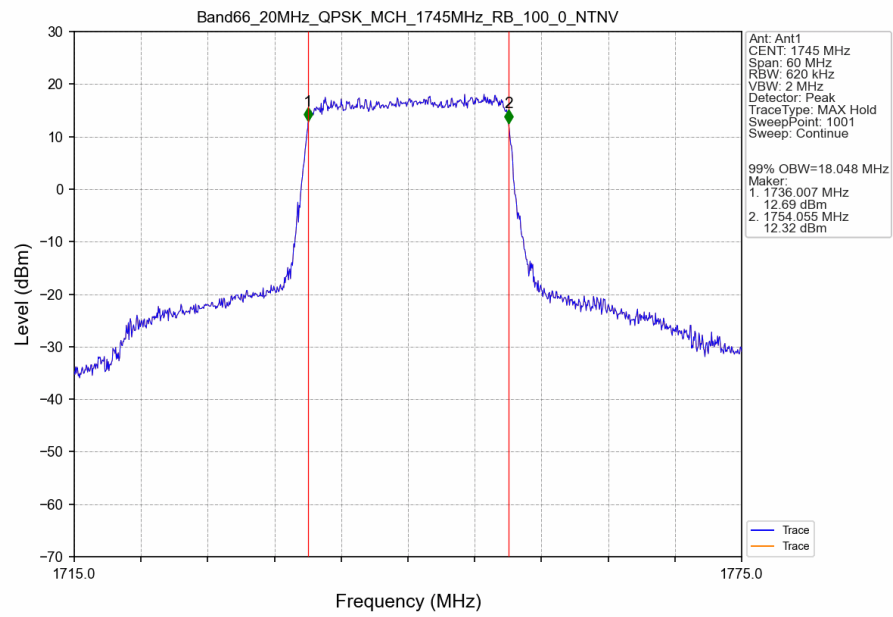
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



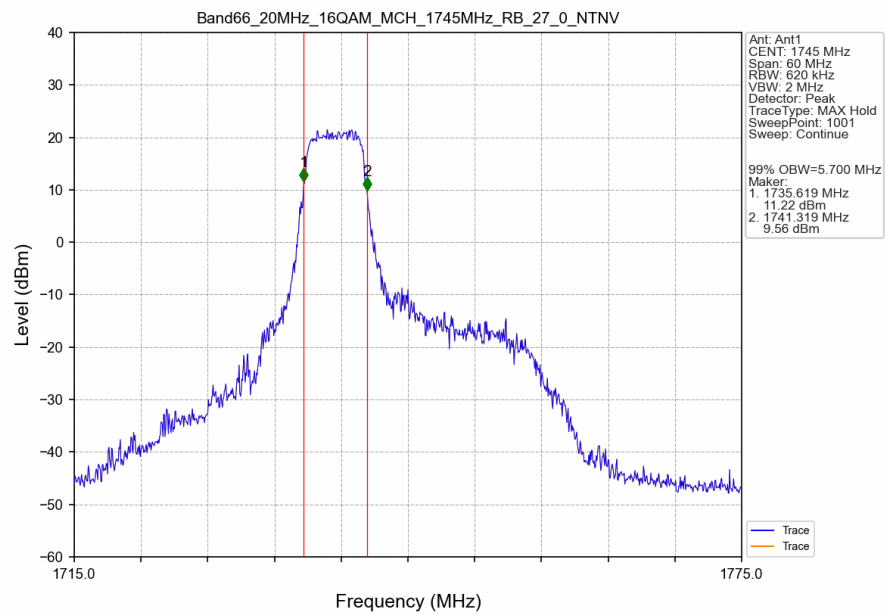
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



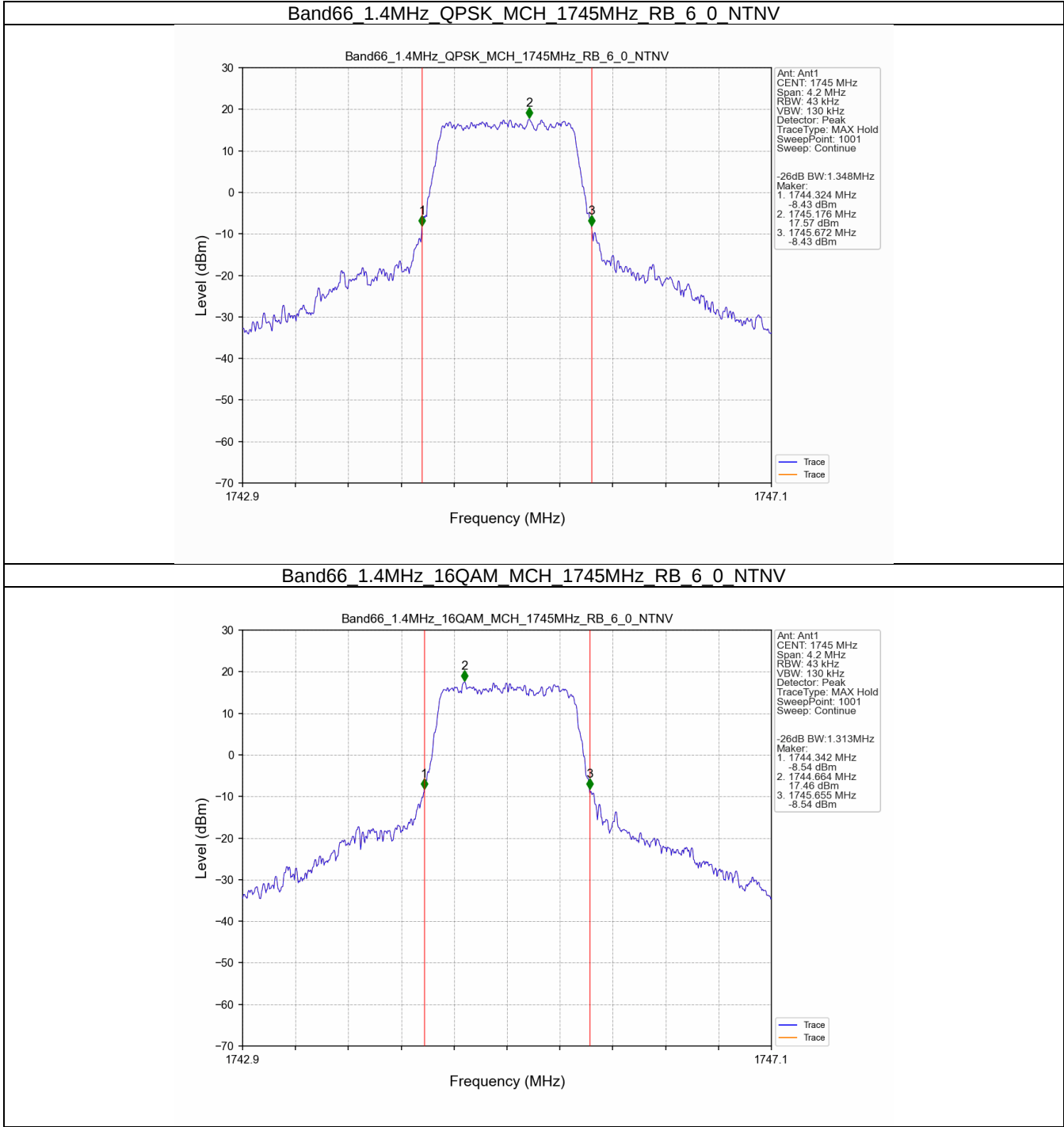
Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTN



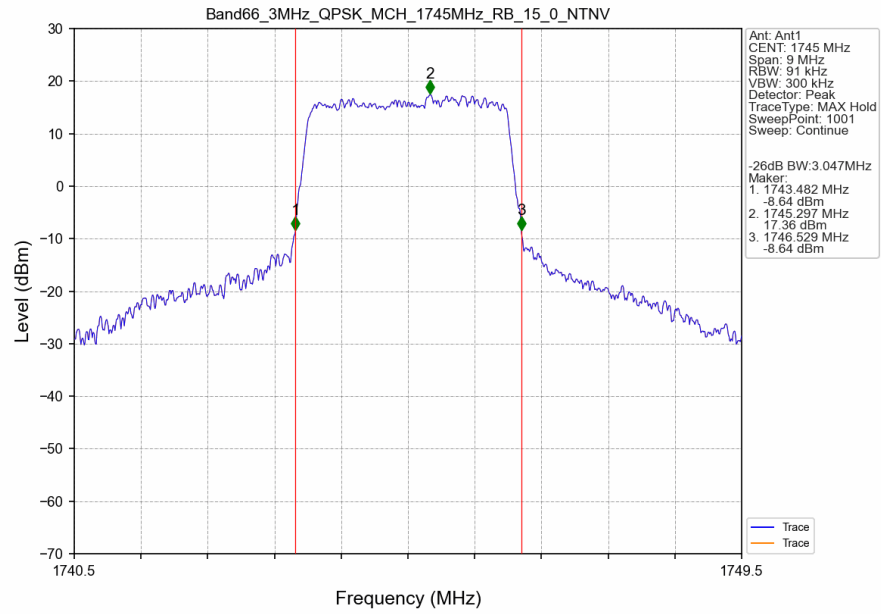
Band66 20MHz 16QAM MCH 1745MHz RB 27 0 NTN



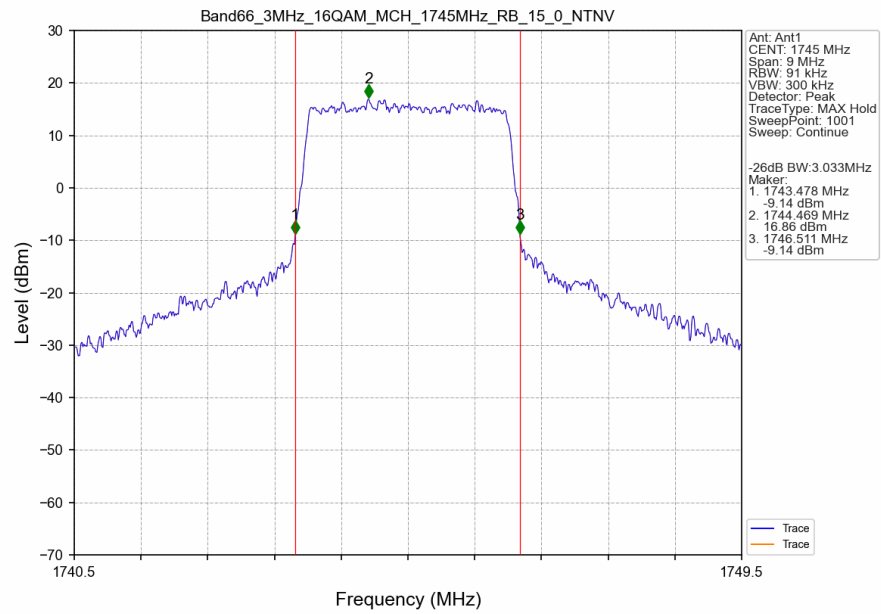
3.2.2 Band66_XDB



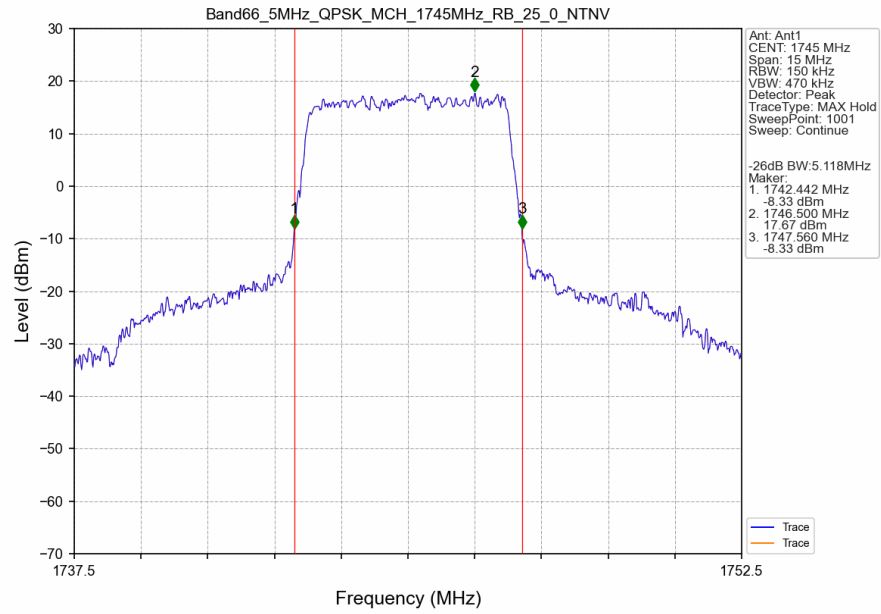
Band66 3MHz QPSK MCH 1745MHz RB 15 0 NTNV



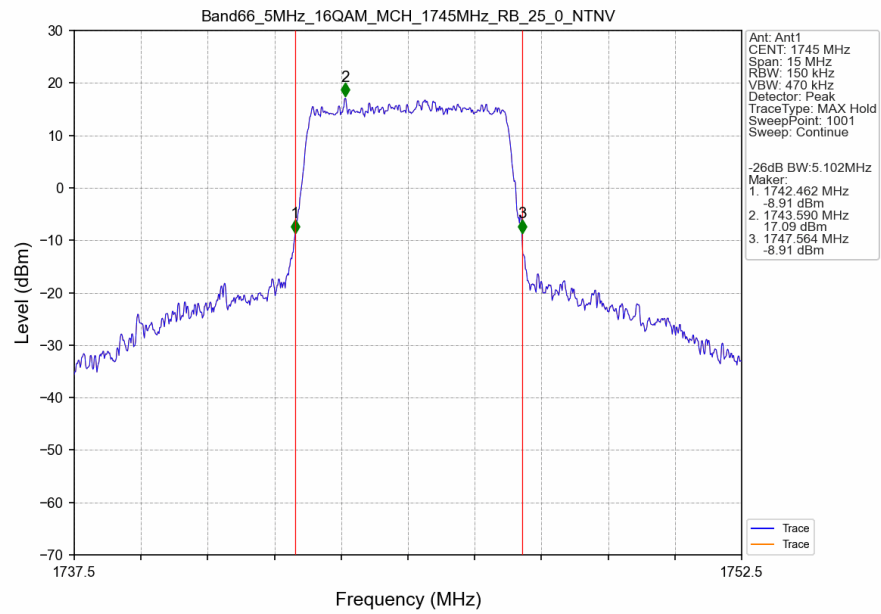
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



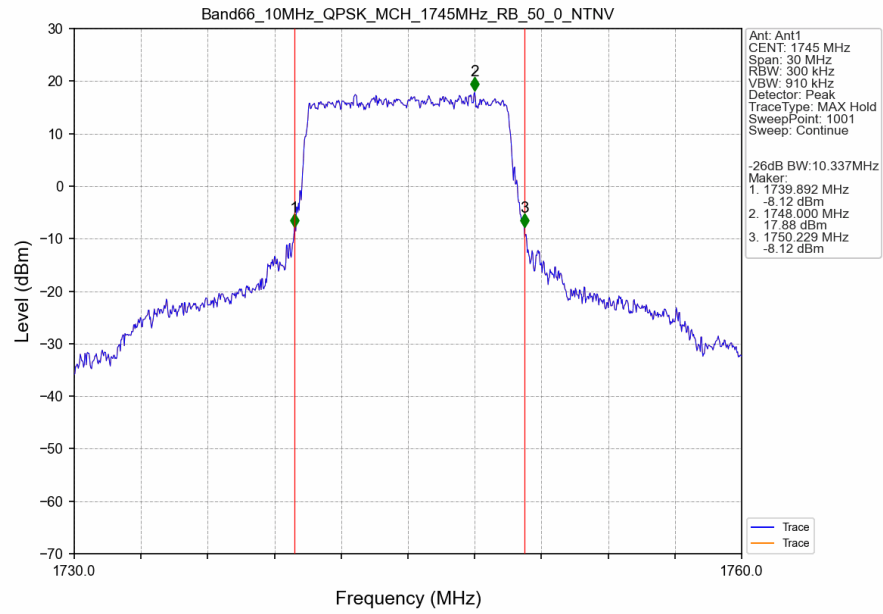
Band66 5MHz QPSK MCH 1745MHz RB 25 0 NTNV



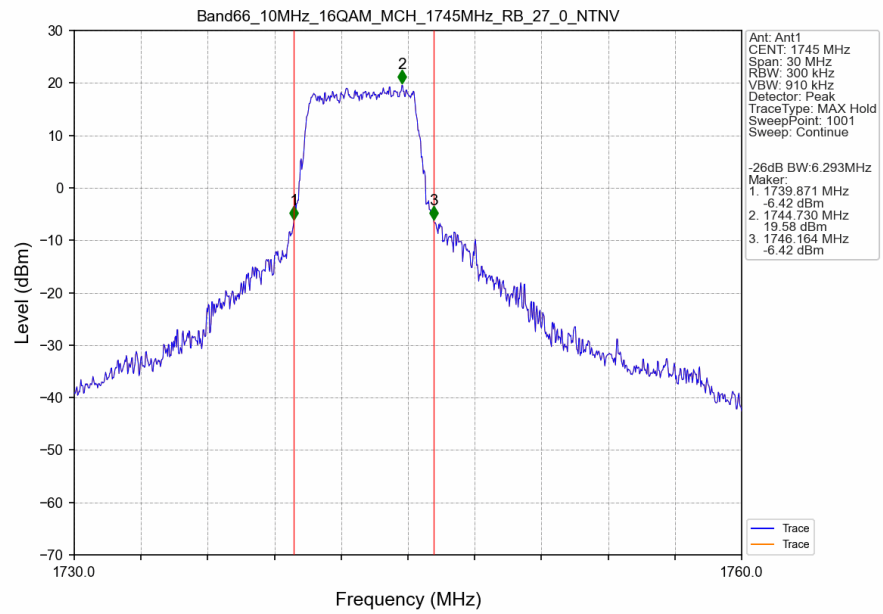
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



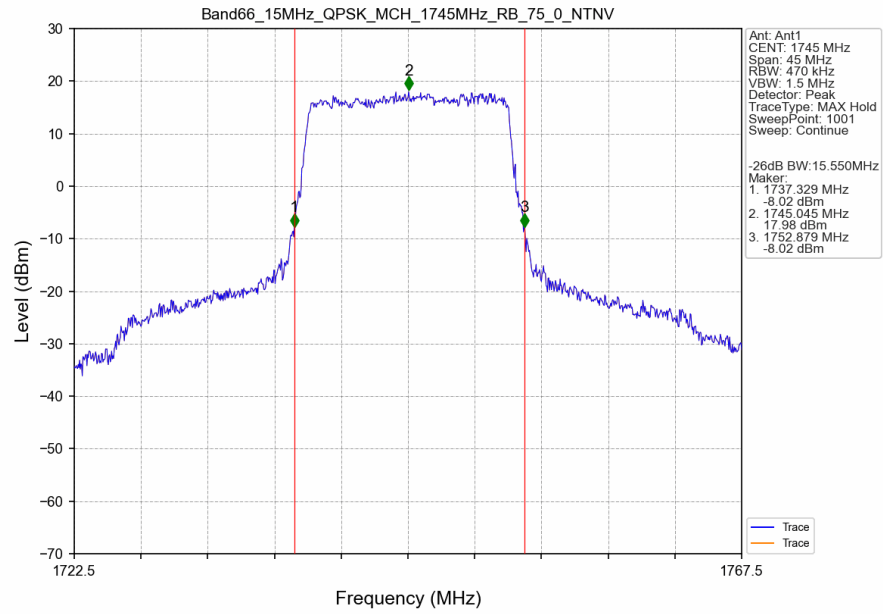
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



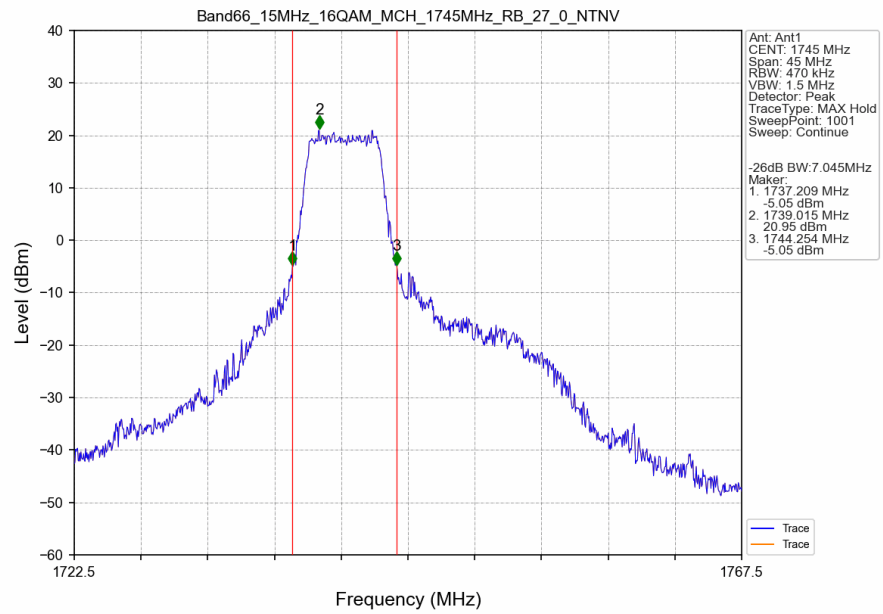
Band66_10MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



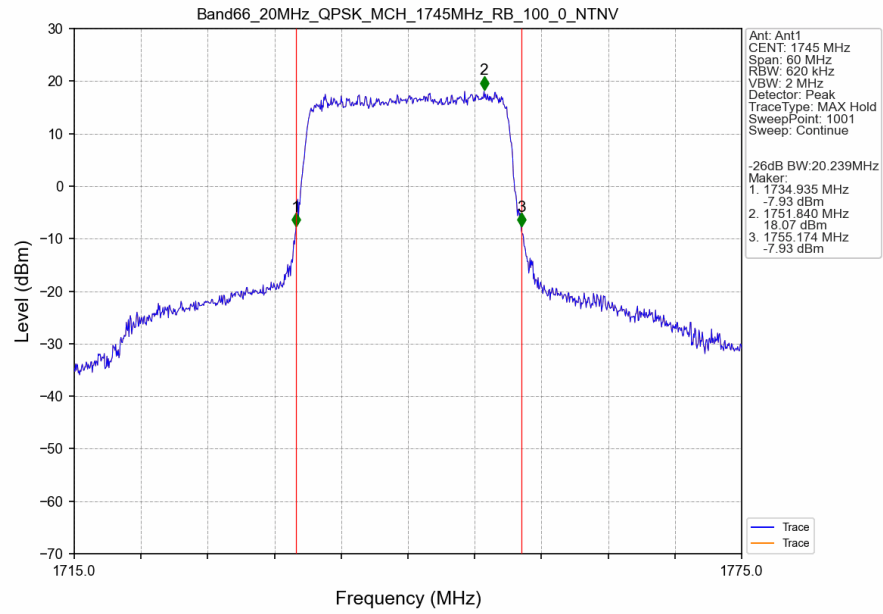
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



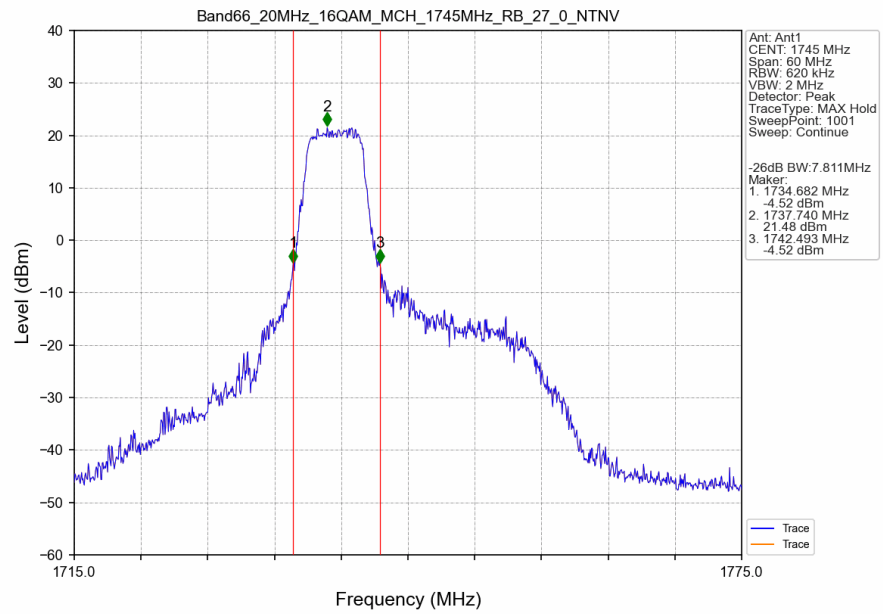
Band66_15MHz_16QAM_MCH_1745MHz_RB_27_0_NTNV



Band66 20MHz QPSK MCH 1745MHz RB 100 0 NTN



Band66 20MHz 16QAM MCH 1745MHz RB 27 0 NTN



4. Peak-Average Ratio

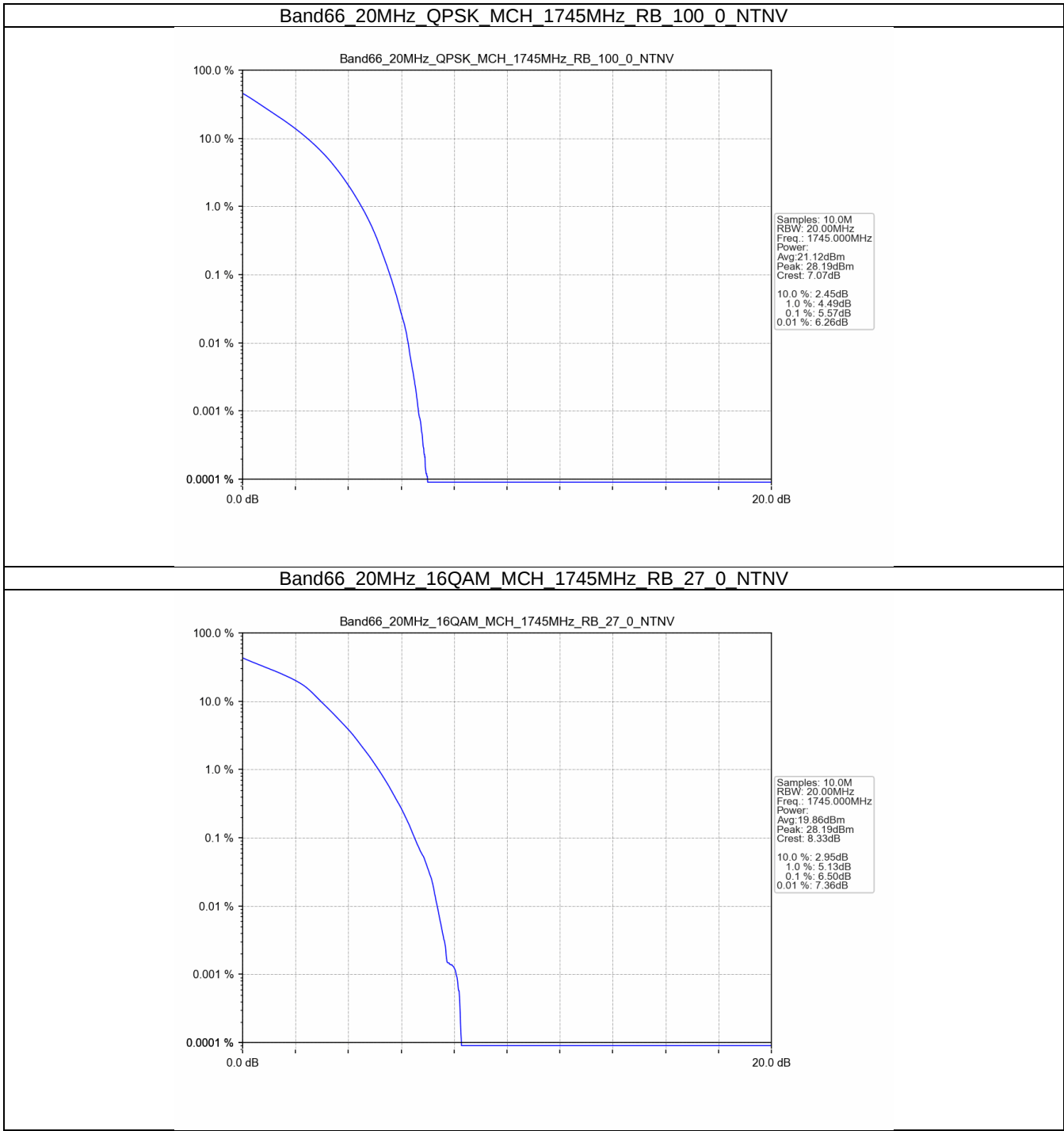
4.1 Test Result

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	5.57	<=13	Pass
16QAM	1745	27	0	6.50	<=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	
	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	
	14			Refer To Test Graph		Pass
	15		0	Refer To Test Graph		Pass

5.1.3 B66_5MHz

Band: 66 / Bandwidth: 5MHz / NTVN						
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

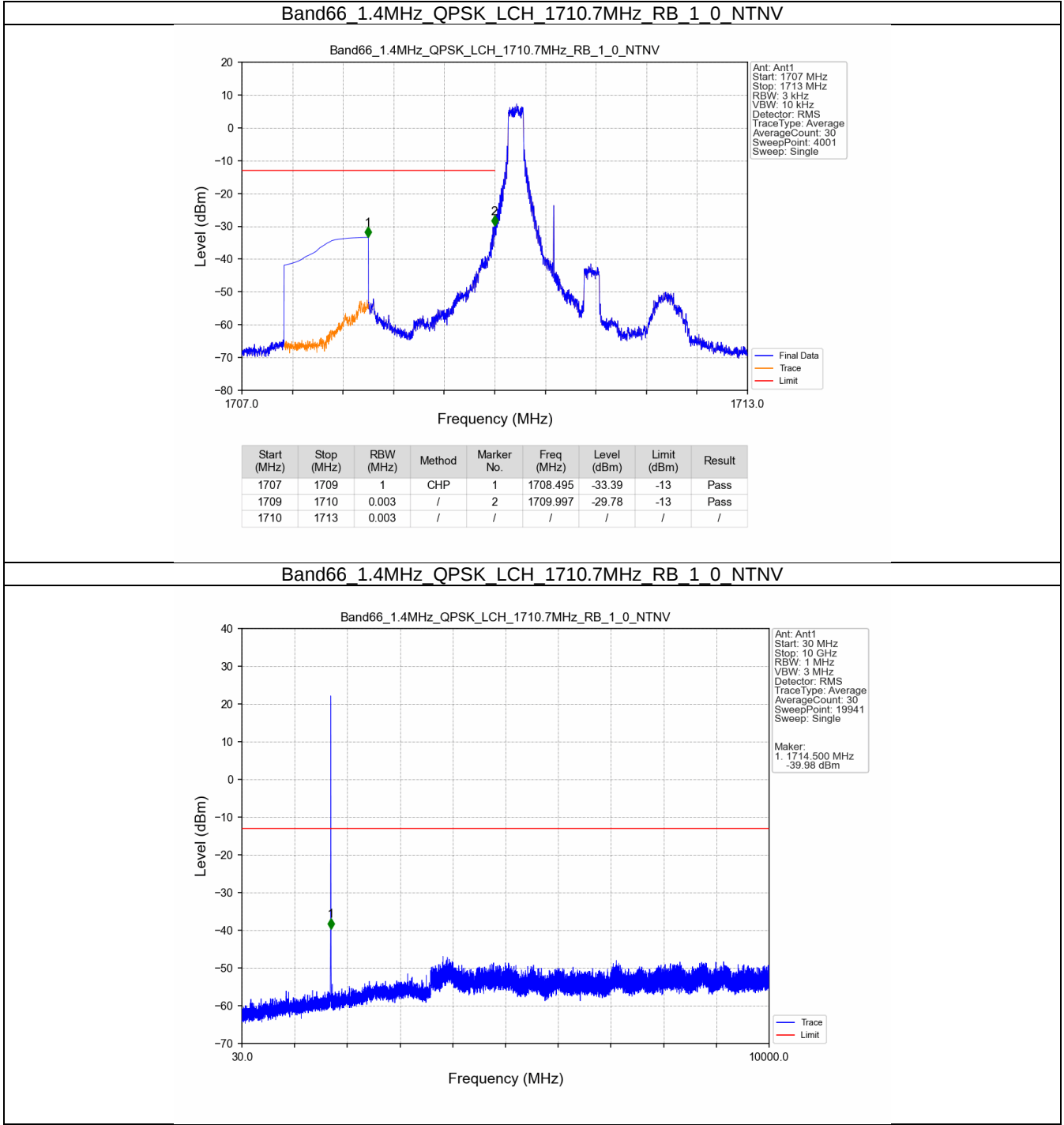
Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1772.5	1	0	Refer To Test Graph		Pass
			74	Refer To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

5.1.6 B66_20MHz

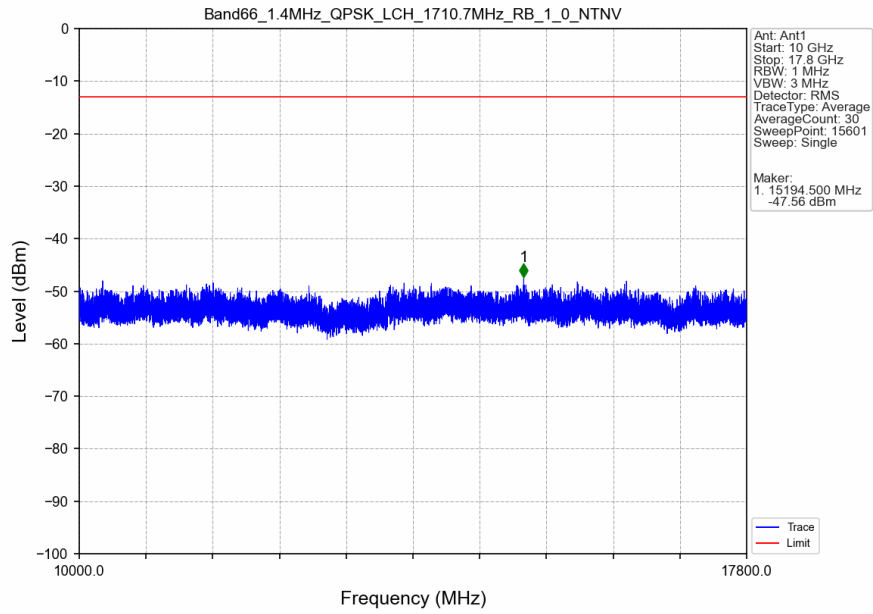
Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1745	1	0	Refer To Test Graph		Pass
	1770	1	0	Refer To Test Graph		Pass
			99	Refer To Test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

5.2 Test Graph

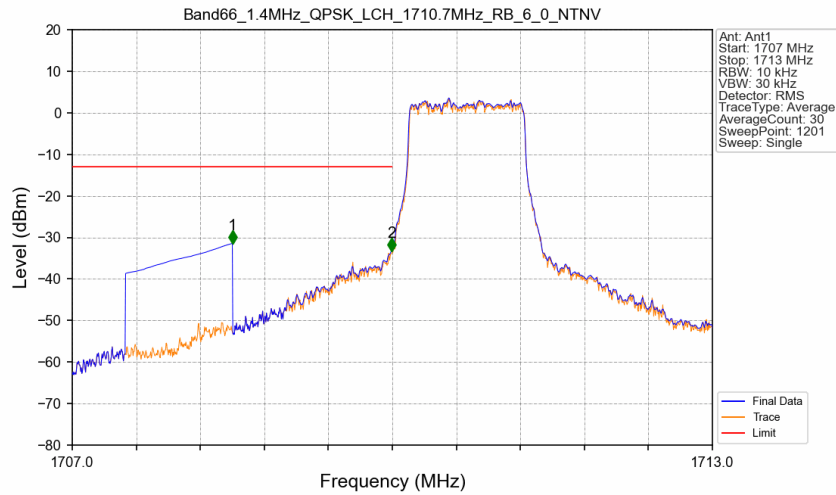
5.2.1 B66_1.4MHz



Band66 1.4MHz QPSK LCH 1710.7MHz RB 1 0 NTV

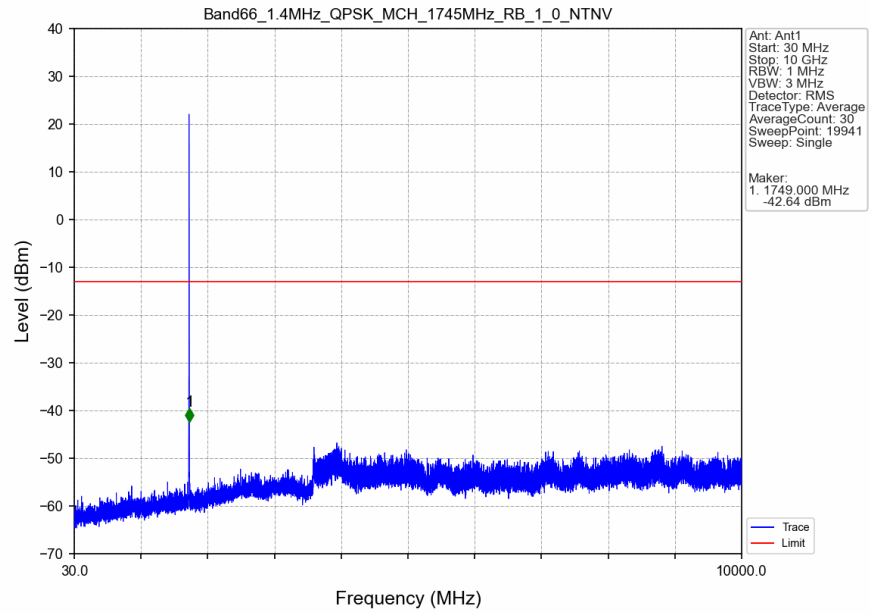


Band66 1.4MHz QPSK LCH 1710.7MHz RB 6 0 NTV

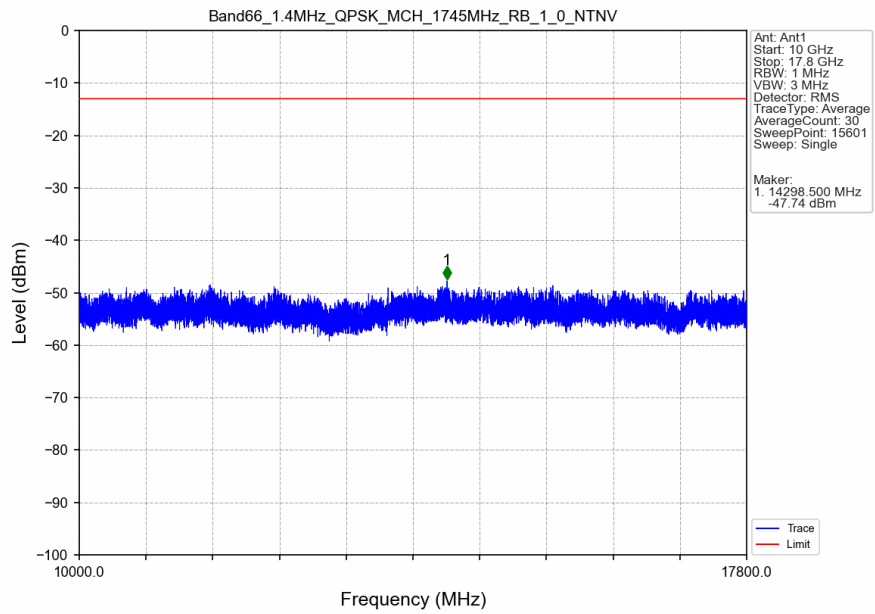


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-31.42	-13	Pass
1709	1710	0.013	CHP	2	1709.995	-33.28	-13	Pass
1710	1713	0.013	CHP	/	/	/	/	/

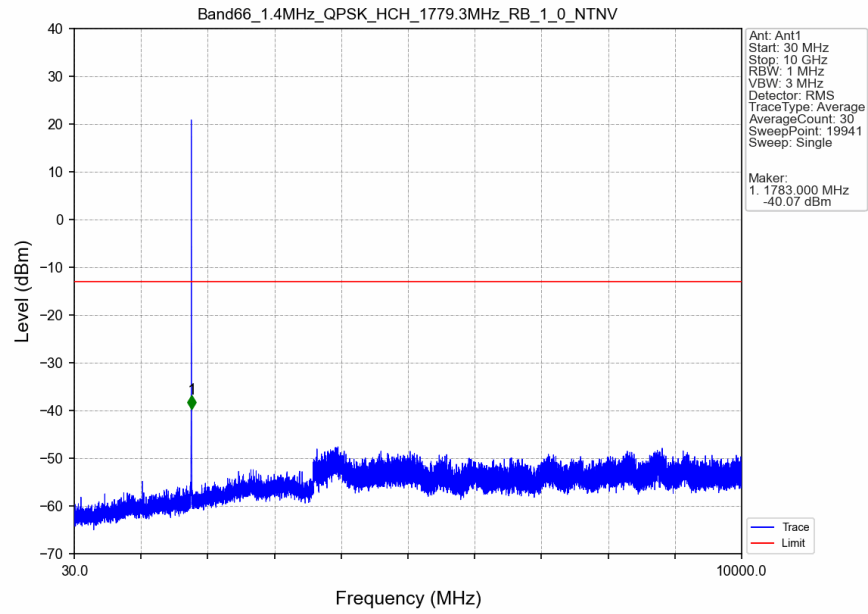
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



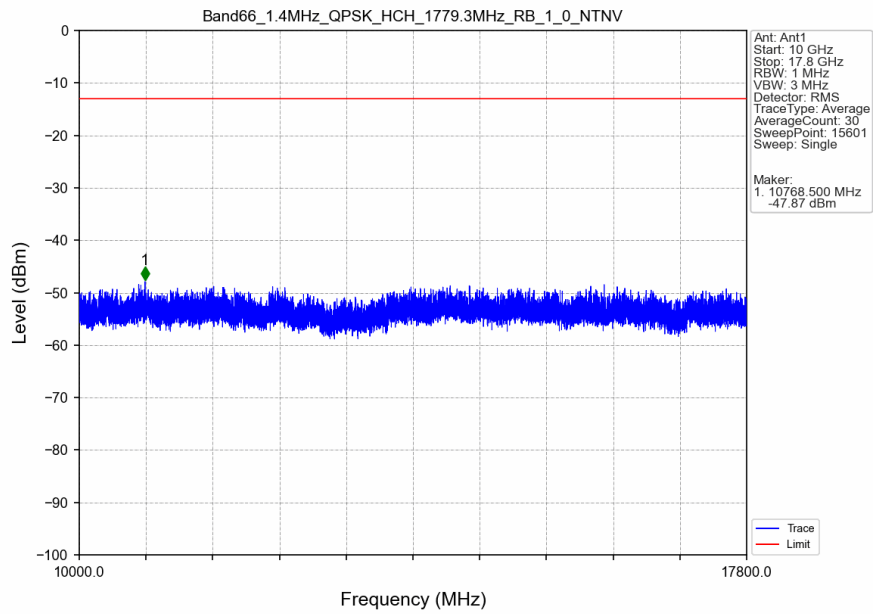
Band66_1.4MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



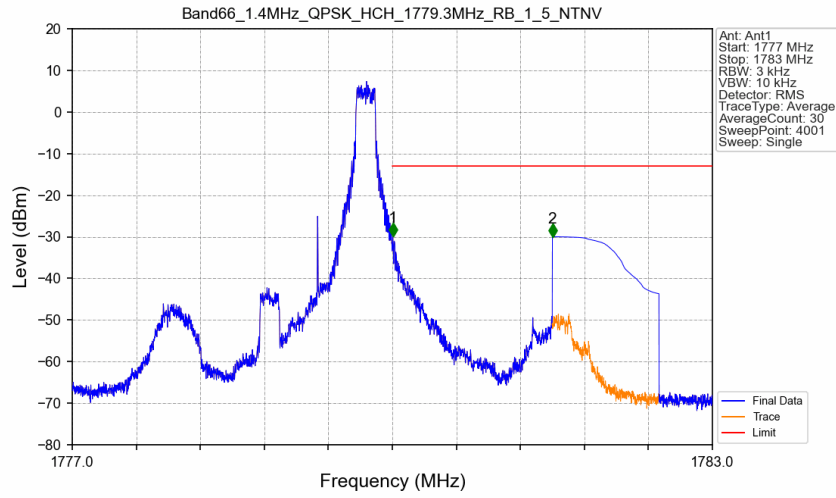
Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV



Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 0 NTNV

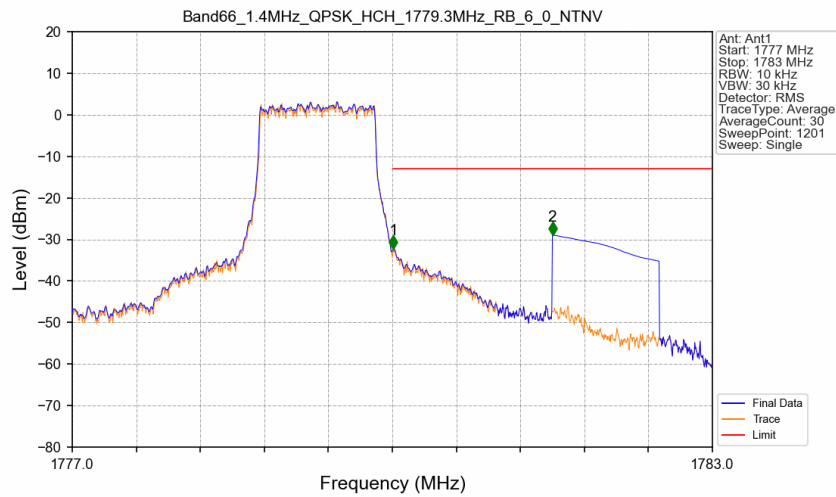


Band66 1.4MHz QPSK HCH 1779.3MHz RB 1 5 NTN



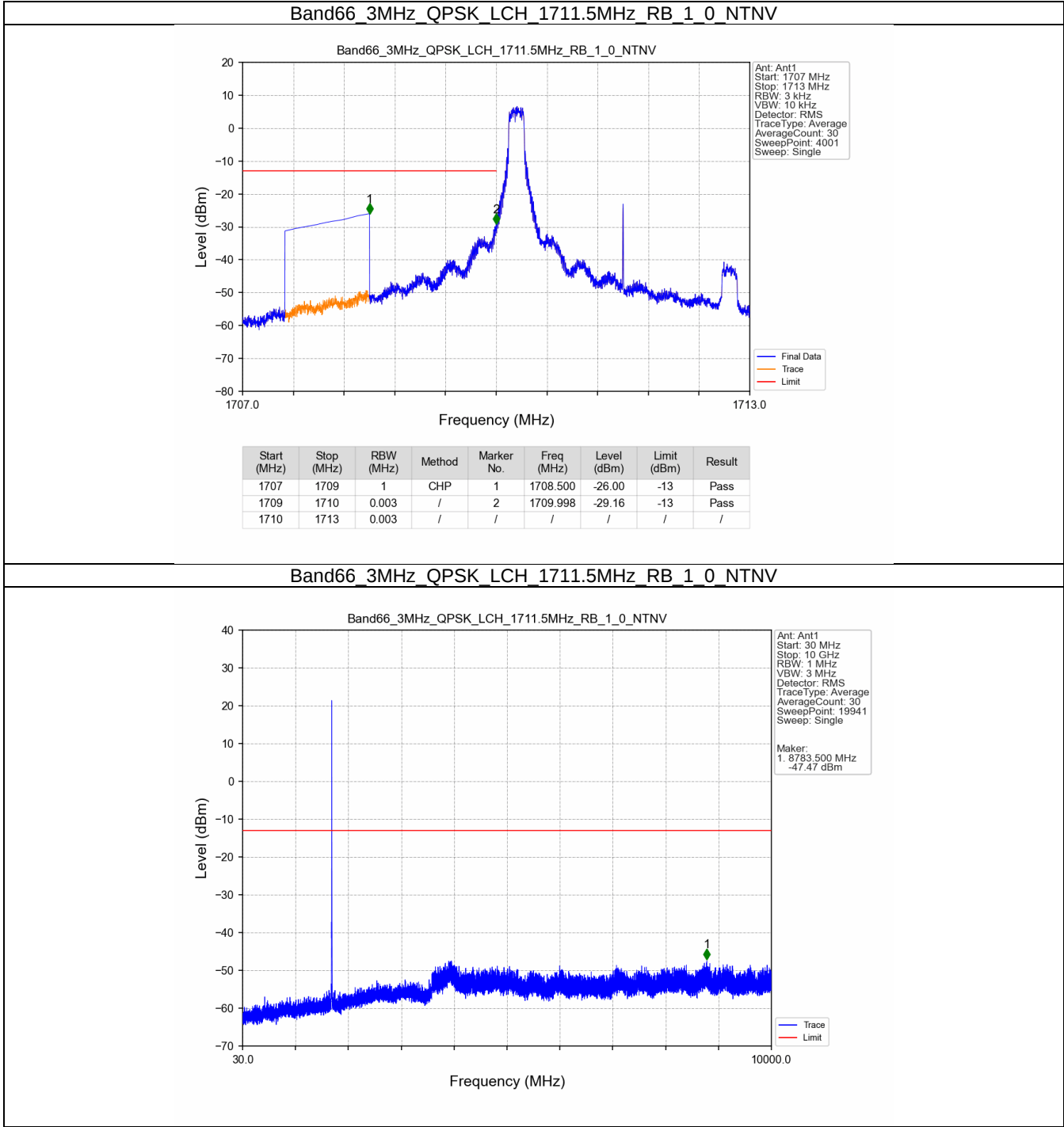
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-29.82	-13	Pass
1781	1783	1	CHP	2	1781.500	-30.00	-13	Pass

Band66 1.4MHz QPSK HCH 1779.3MHz RB 6 0 NTN

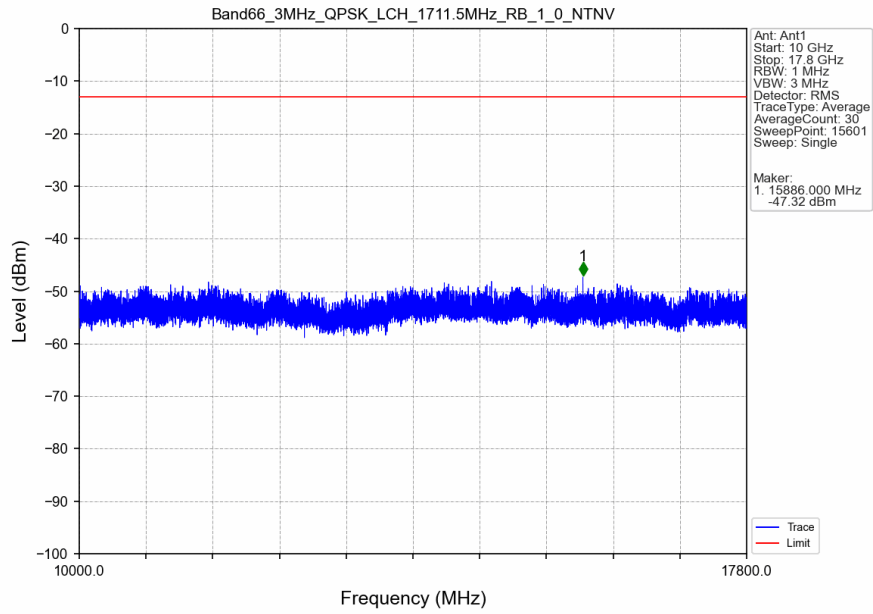


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.013	CHP	/	/	/	/	/
1780	1781	0.013	CHP	1	1780.010	-32.18	-13	Pass
1781	1783	1	CHP	2	1781.500	-28.91	-13	Pass

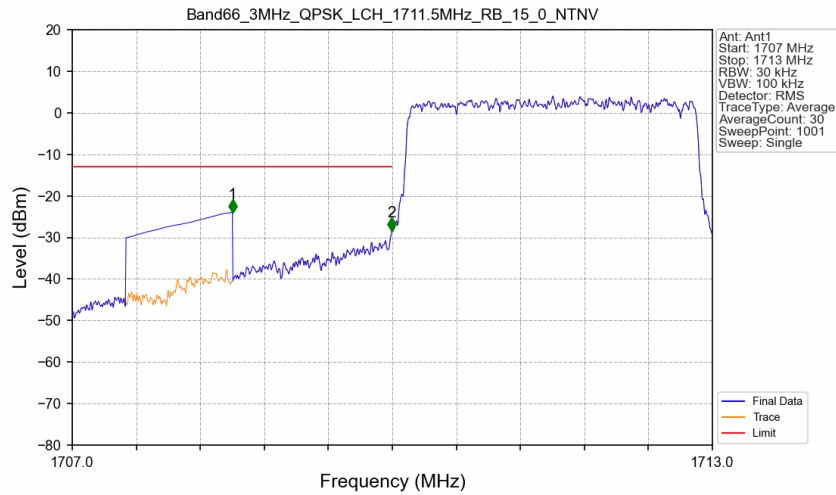
5.2.2 B66_3MHz



Band66_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

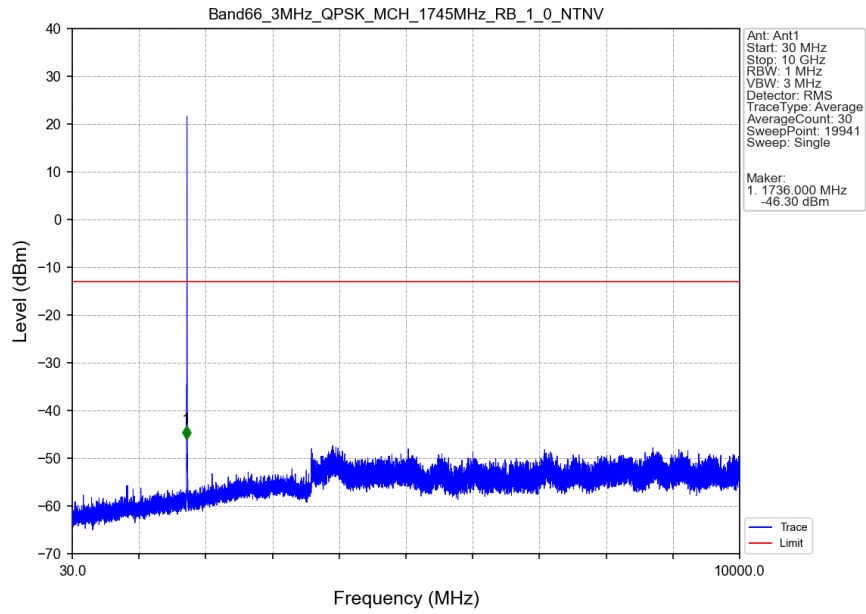


Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

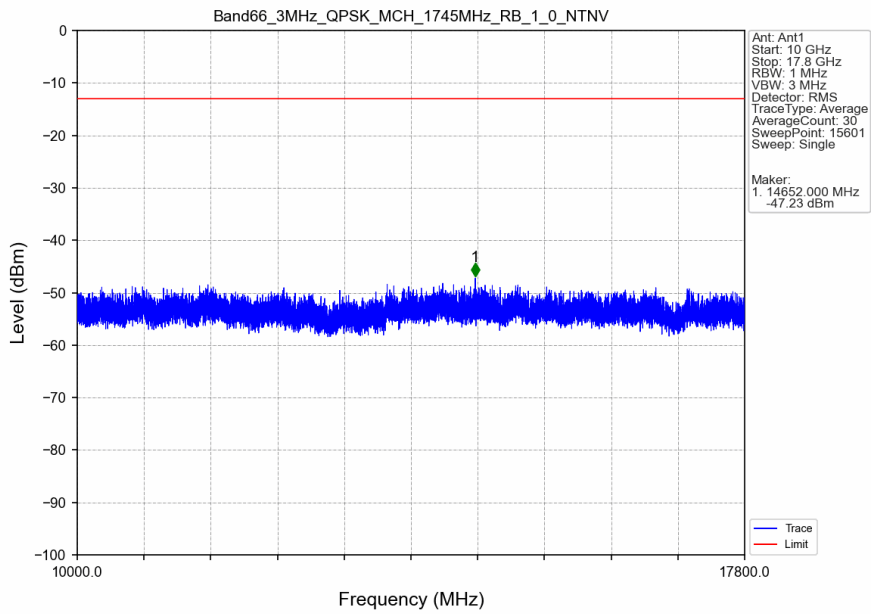


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-23.98	-13	Pass
1709	1710	0.03	/	2	1709.994	-28.43	-13	Pass
1710	1713	0.03	/	/	/	/	/	/

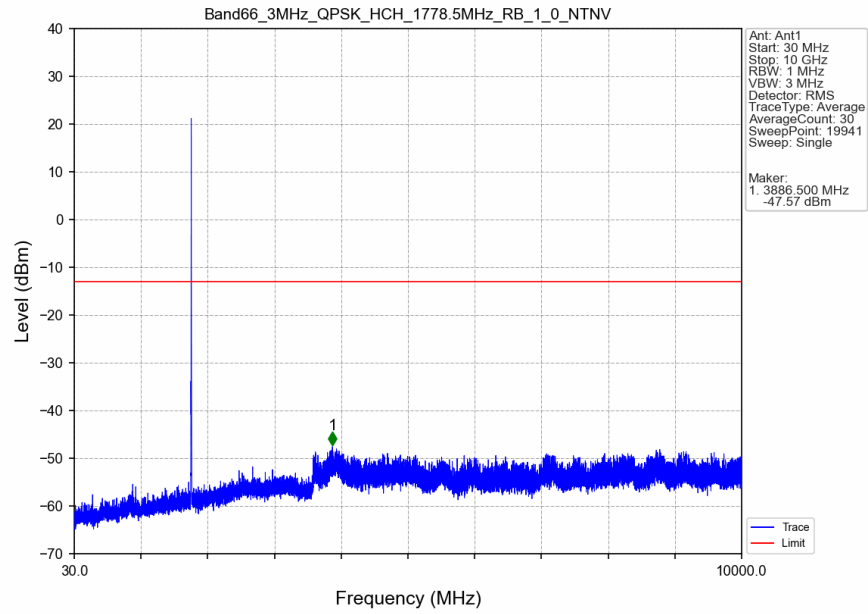
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



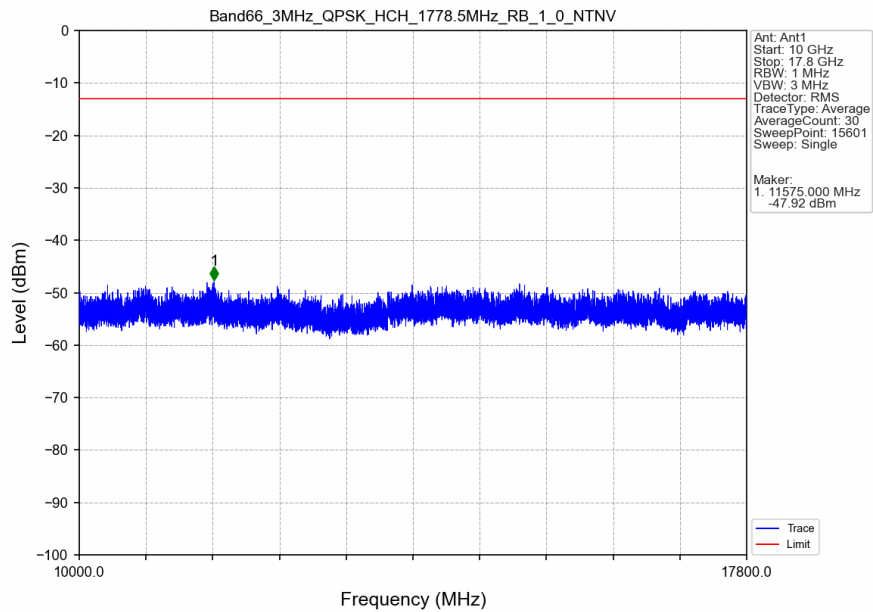
Band66_3MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



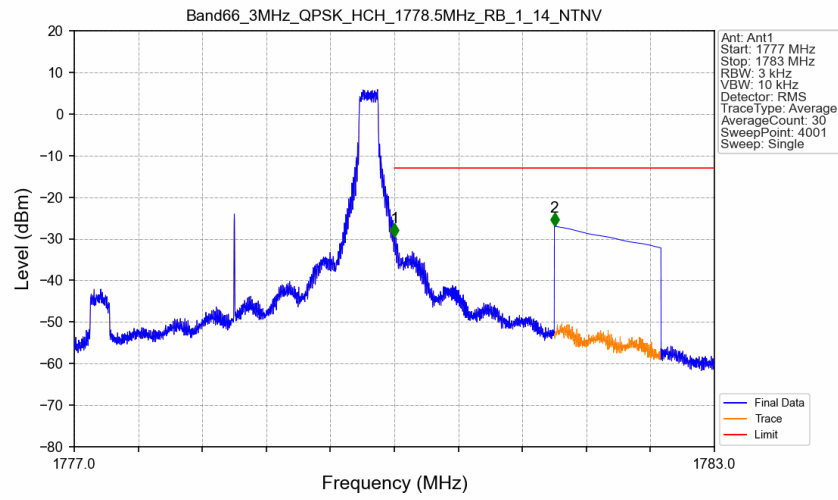
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV



Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_0_NTNV

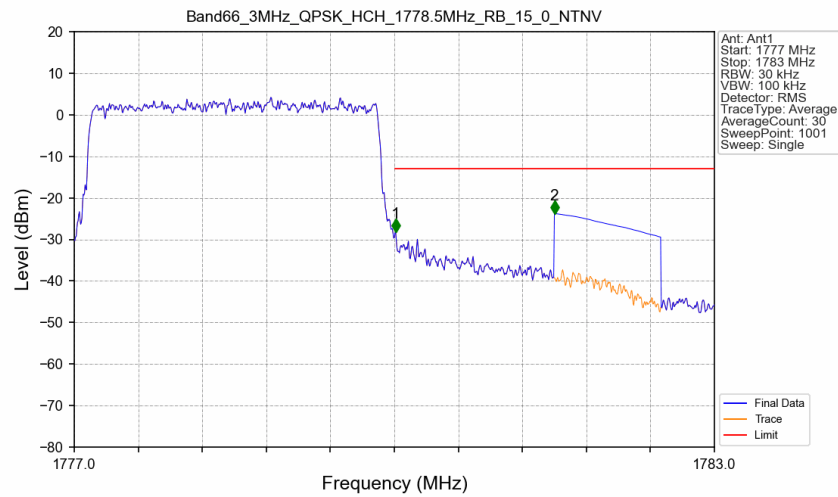


Band66_3MHz_QPSK_HCH_1778.5MHz_RB_1_14_NTNV



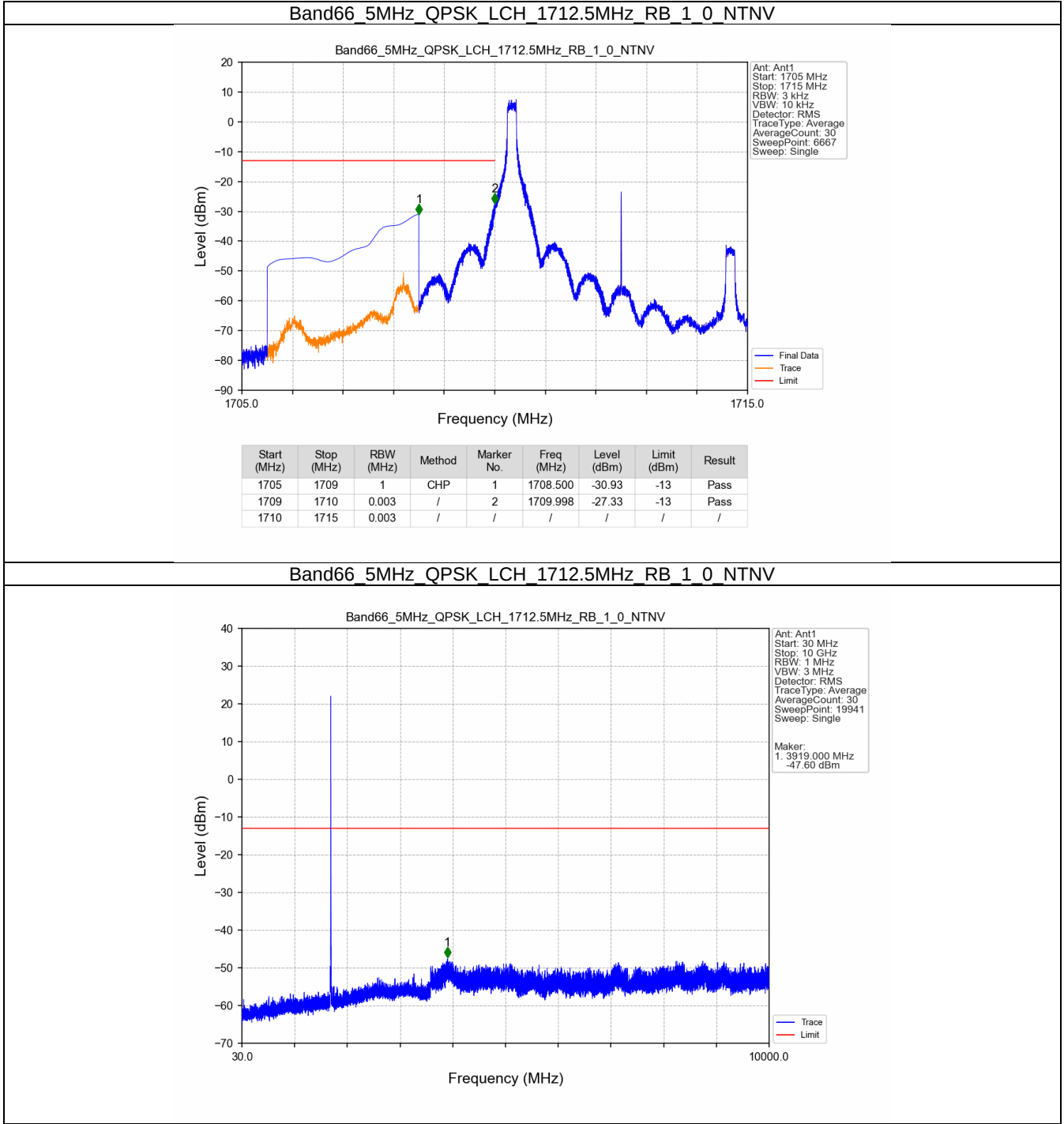
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.002	-29.48	-13	Pass
1781	1783	1	CHP	2	1781.500	-26.96	-13	Pass

Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV

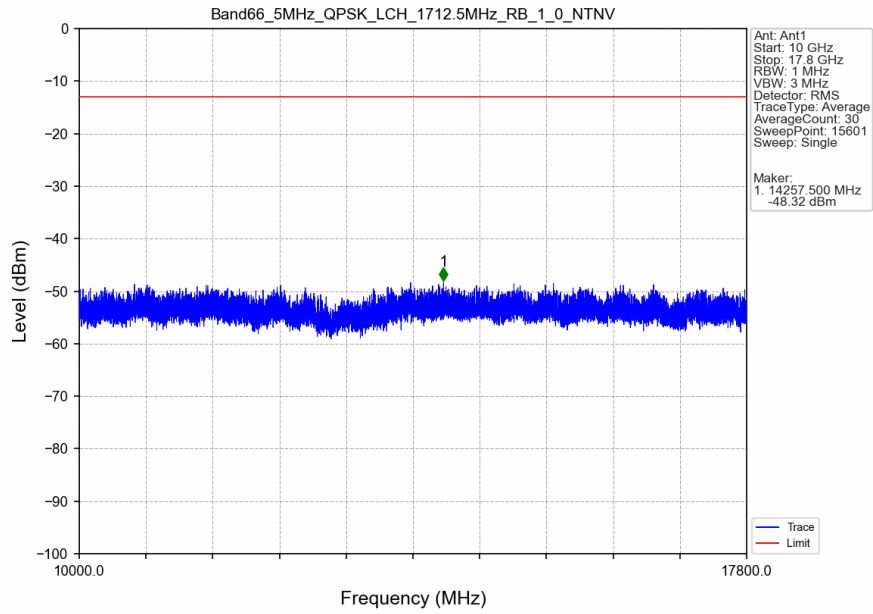


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1777	1780	0.03	/	/	/	/	/	/
1780	1781	0.03	/	1	1780.012	-28.17	-13	Pass
1781	1783	1	CHP	2	1781.500	-23.76	-13	Pass

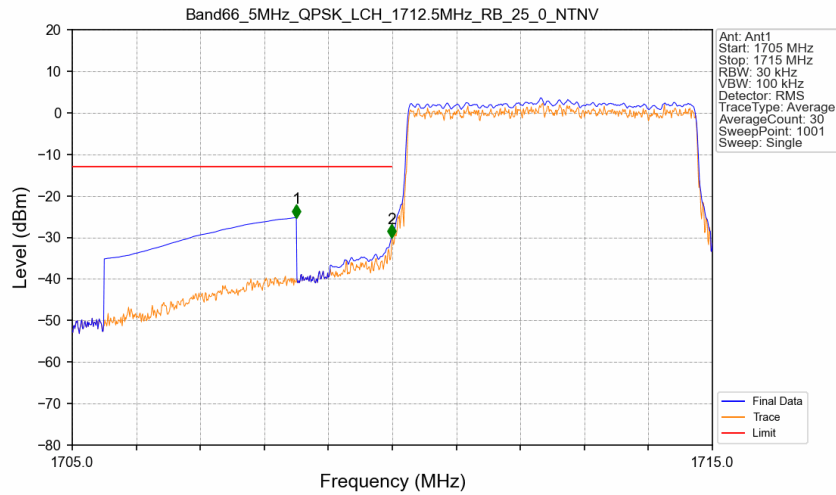
5.2.3 B66_5MHz



Band66 5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

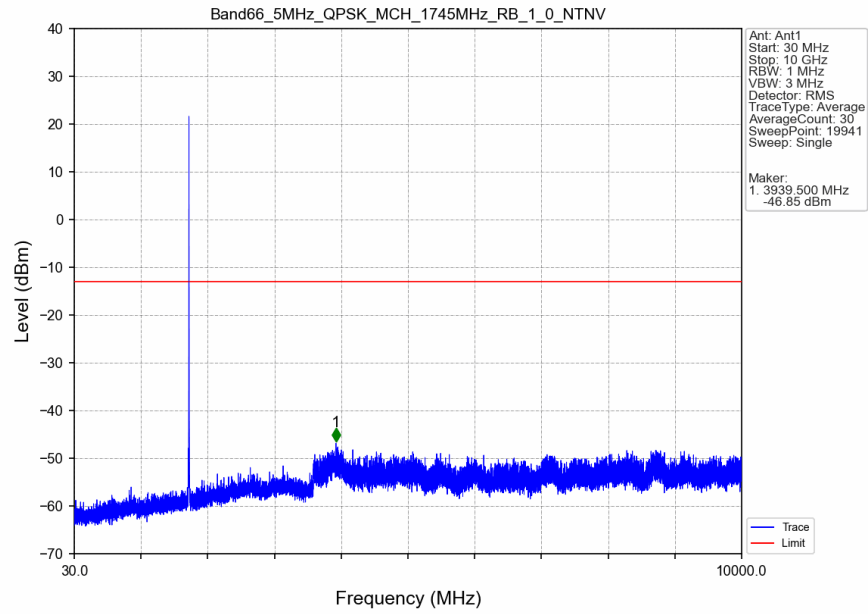


Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

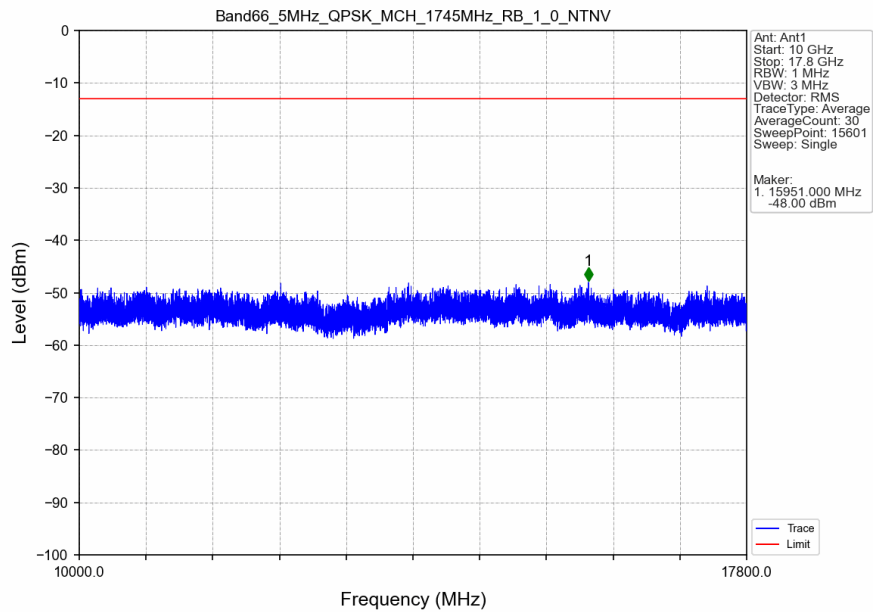


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-25.21	-13	Pass
1709	1710	0.051	CHP	2	1709.990	-29.95	-13	Pass
1710	1715	0.051	CHP	/	/	/	/	/

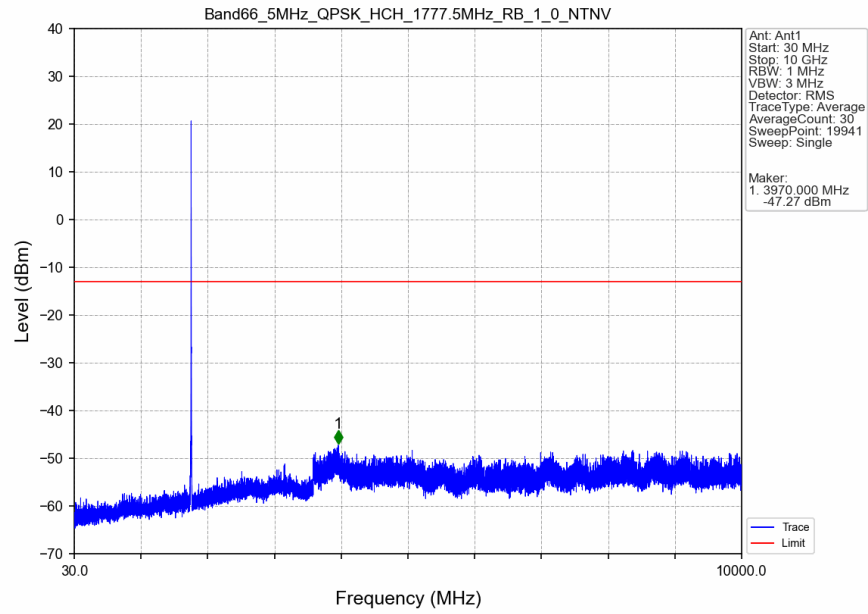
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



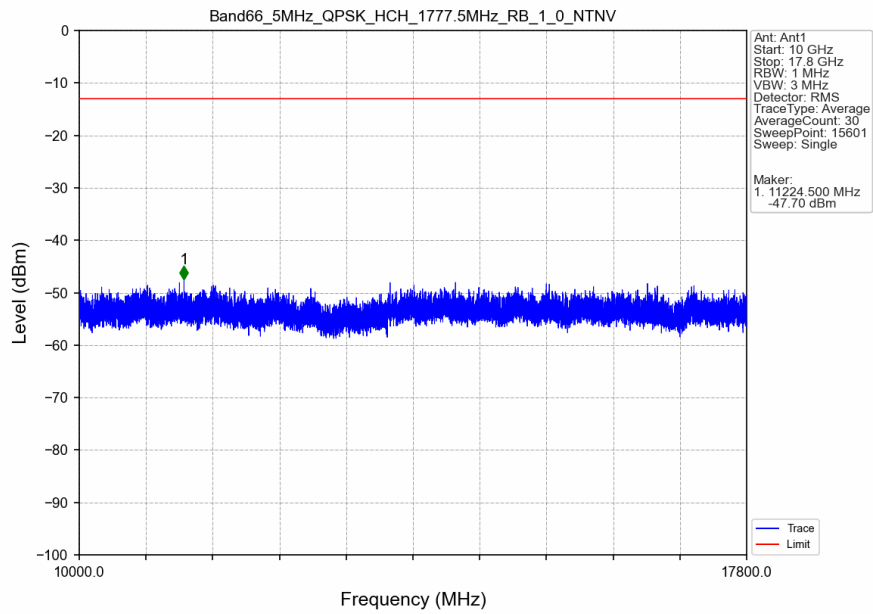
Band66 5MHz QPSK MCH 1745MHz RB 1 0 NTN



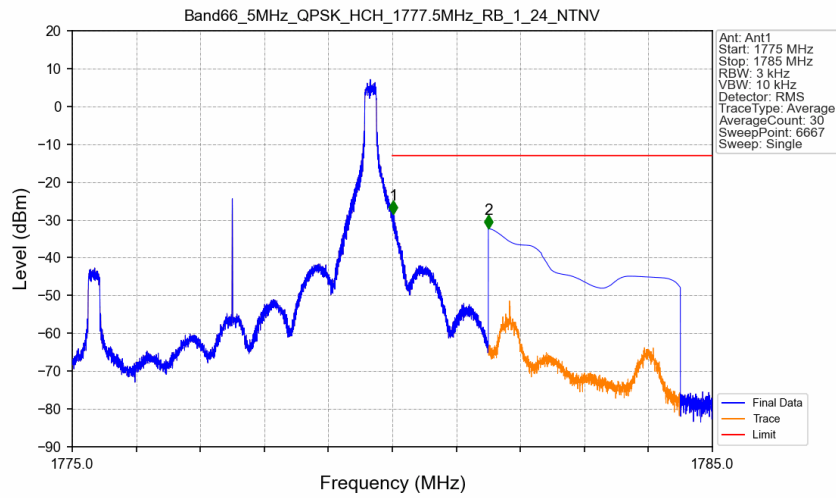
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV



Band66_5MHz_QPSK_HCH_1777.5MHz_RB_1_0_NTNV

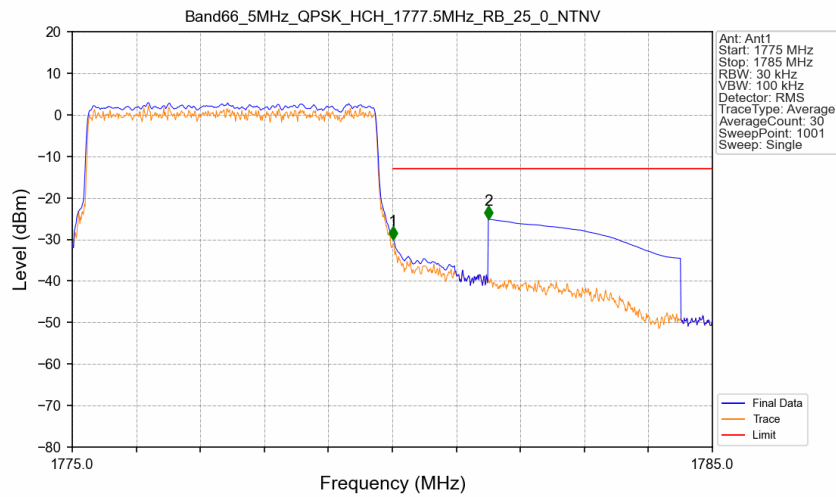


Band66 5MHz QPSK HCH 1777.5MHz RB 1 24 NTV



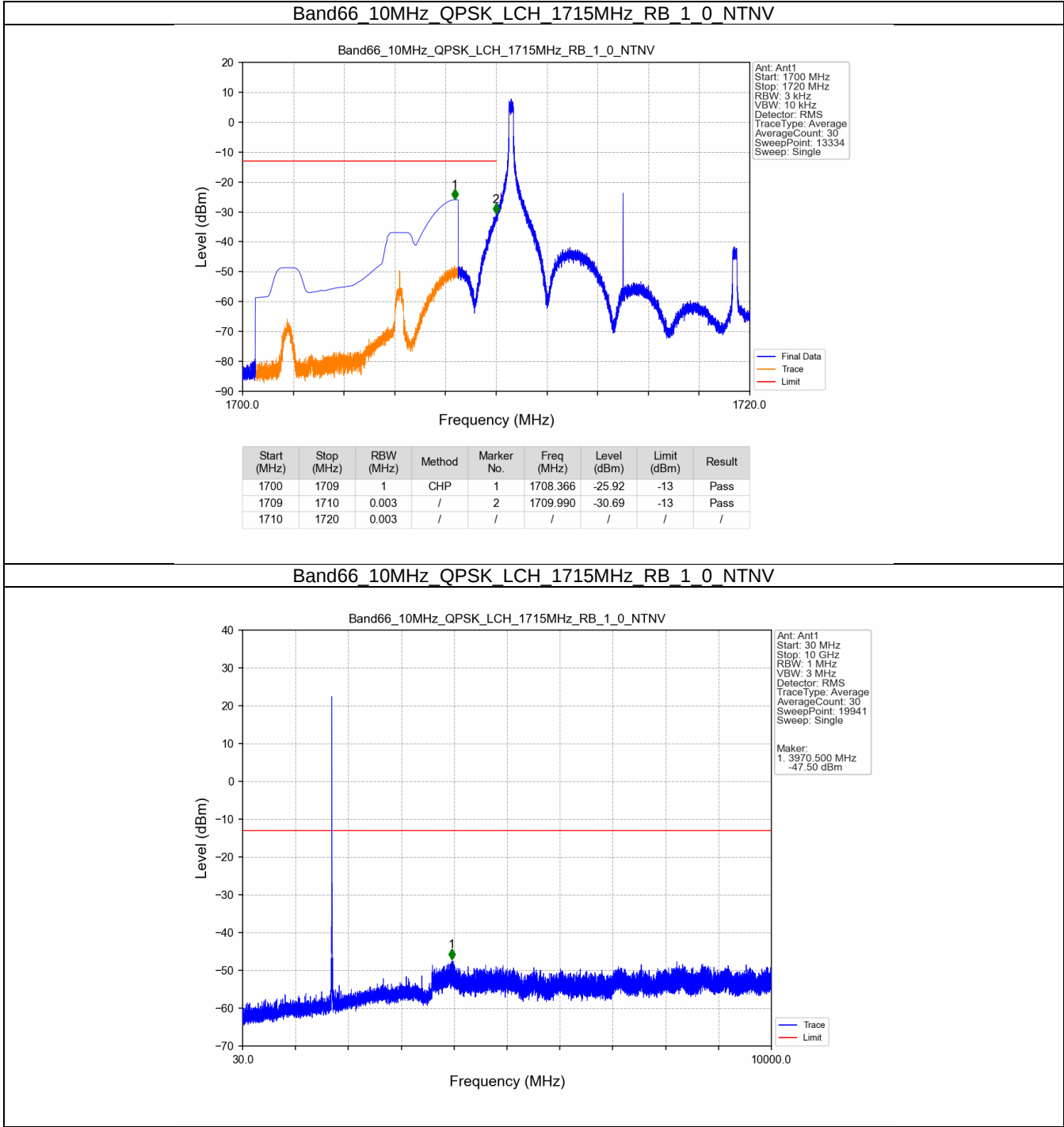
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.015	-28.39	-13	Pass
1781	1785	1	CHP	2	1781.500	-32.27	-13	Pass

Band66 5MHz QPSK HCH 1777.5MHz RB 25 0 NTV

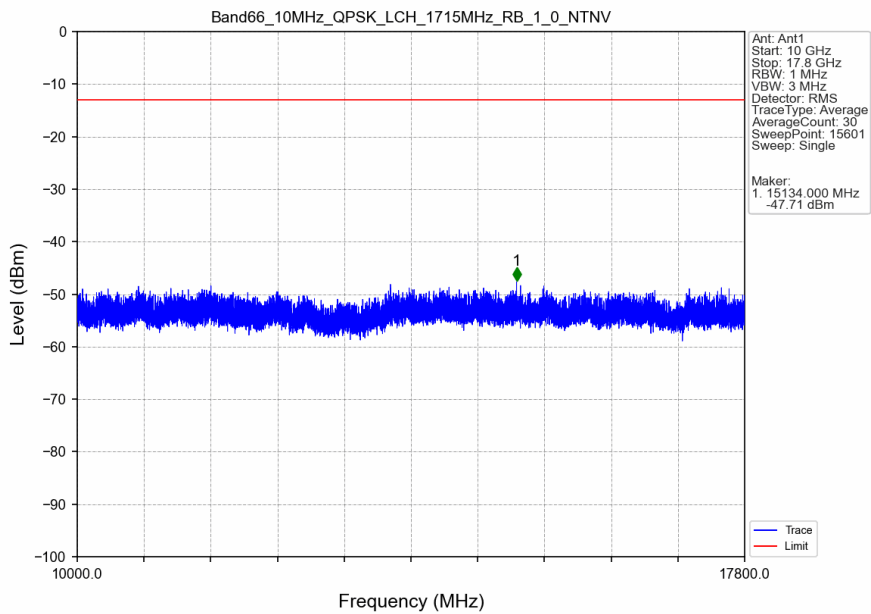


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1775	1780	0.051	CHP	/	/	/	/	/
1780	1781	0.051	CHP	1	1780.010	-30.05	-13	Pass
1781	1785	1	CHP	2	1781.500	-25.13	-13	Pass

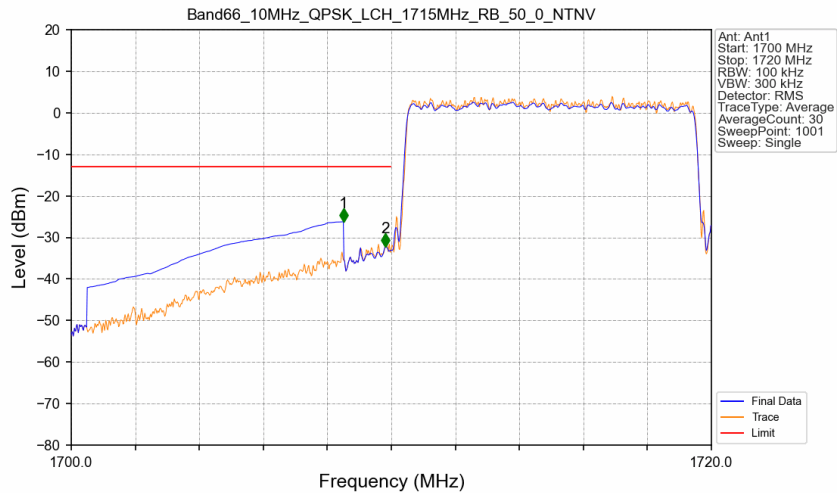
5.2.4 B66_10MHz



Band66 10MHz QPSK LCH 1715MHz RB 1 0 NTN

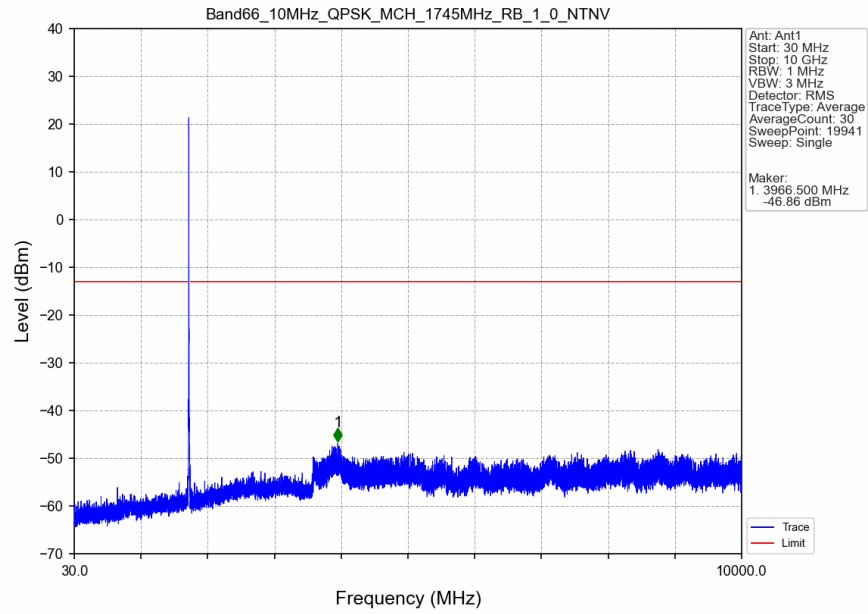


Band66 10MHz QPSK LCH 1715MHz RB 50 0 NTN

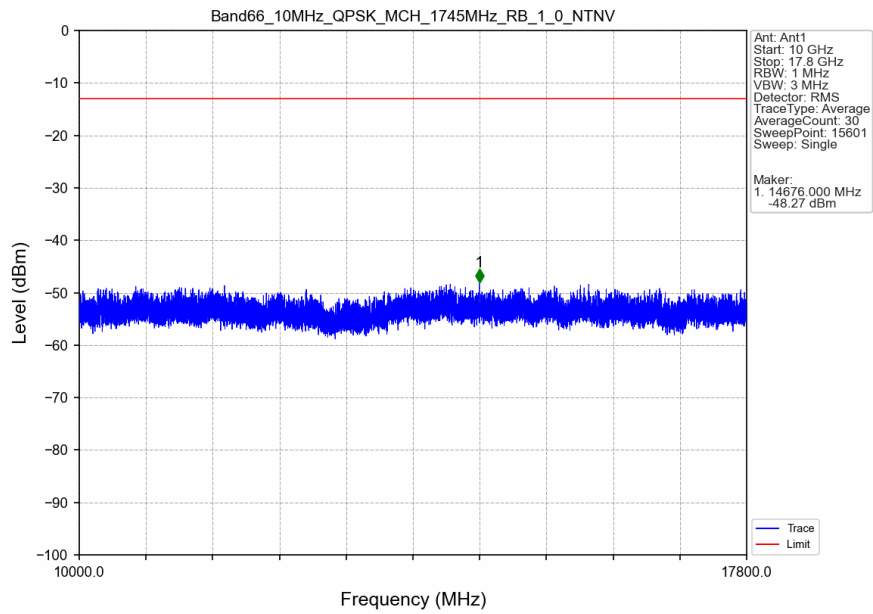


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-26.21	-13	Pass
1709	1710	0.103	CHP	2	1709.820	-32.24	-13	Pass
1710	1720	0.103	CHP	/	/	/	/	/

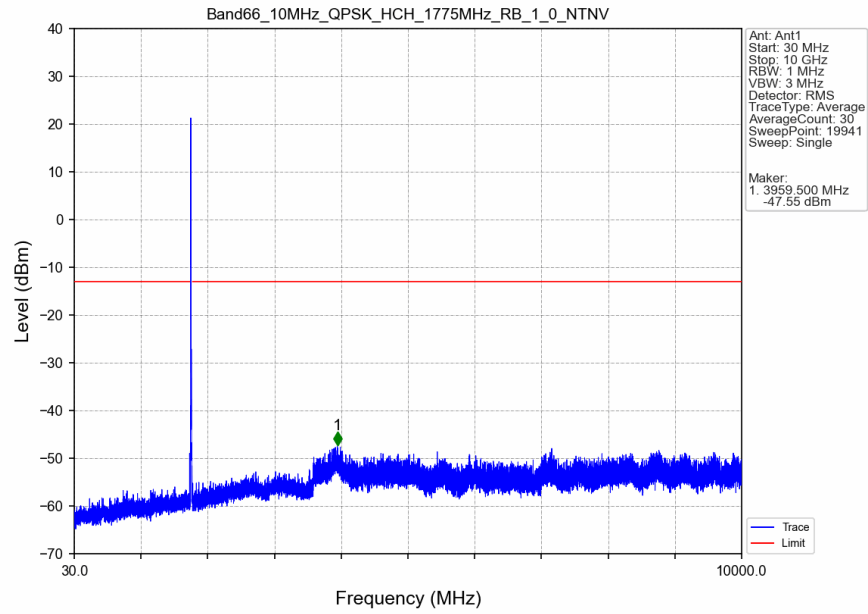
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



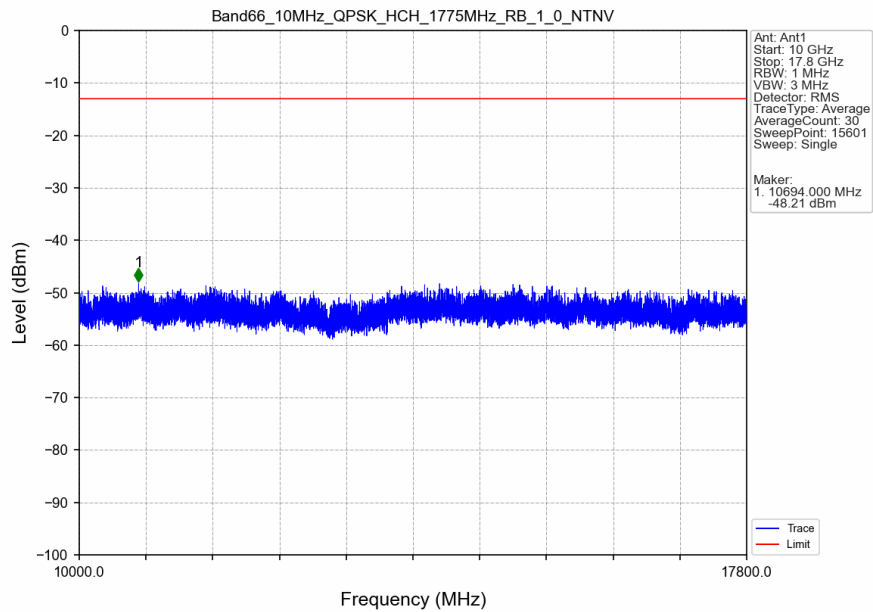
Band66_10MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



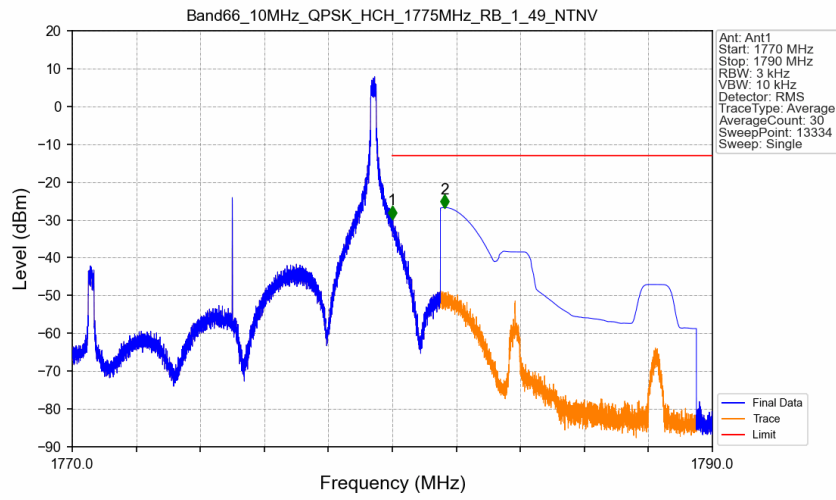
Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV



Band66_10MHz_QPSK_HCH_1775MHz_RB_1_0_NTNV

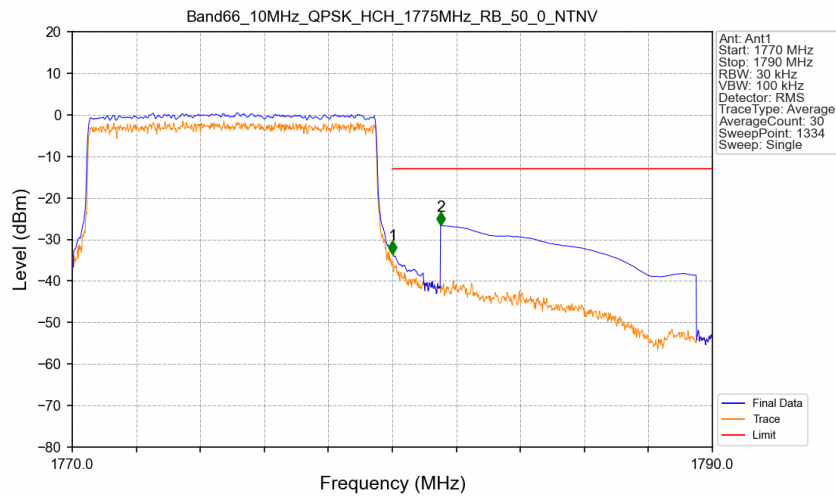


Band66_10MHz_QPSK_HCH_1775MHz_RB_1_49_NTNV



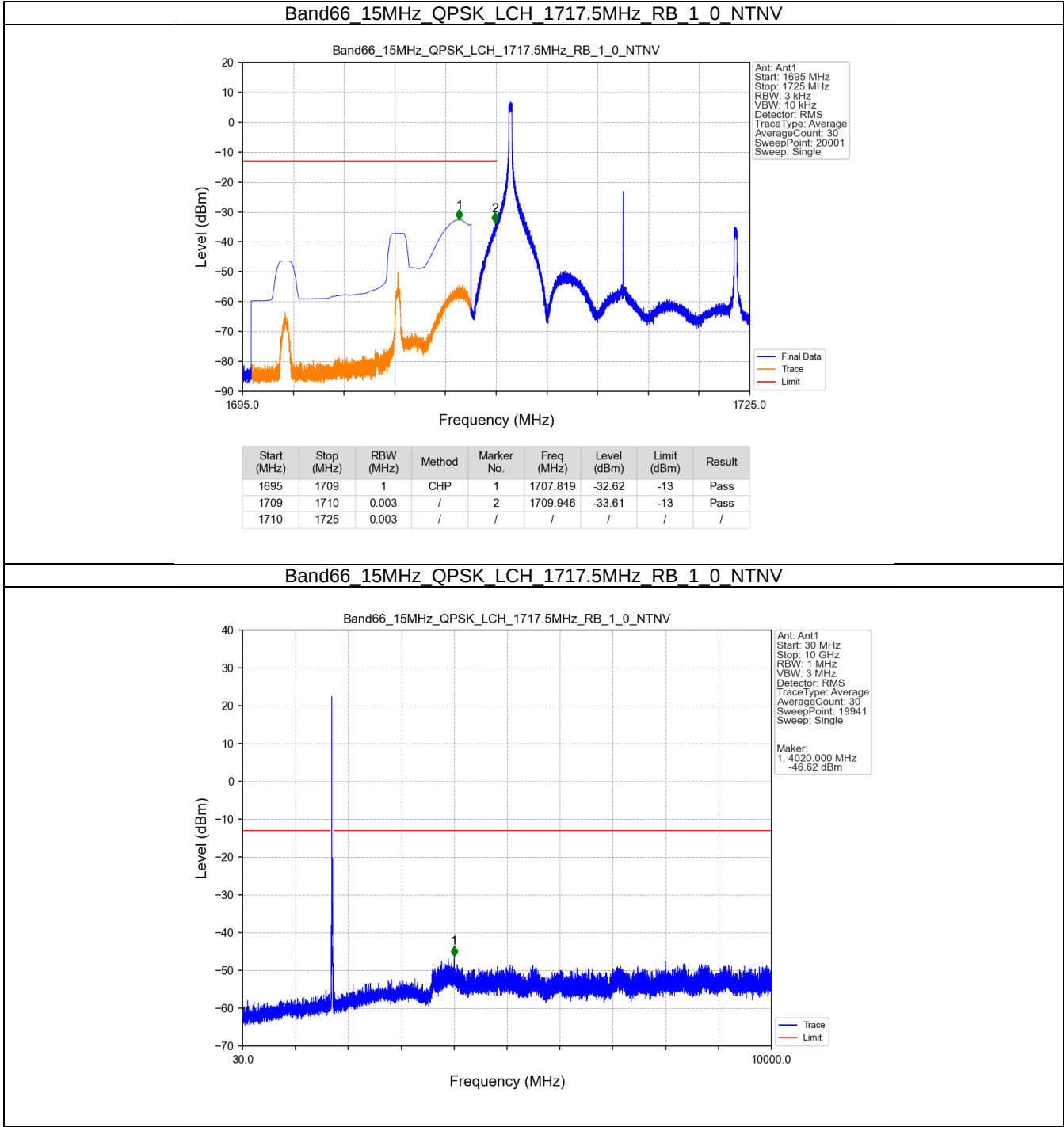
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.001	-29.73	-13	Pass
1781	1790	1	CHP	2	1781.627	-26.73	-13	Pass

Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV

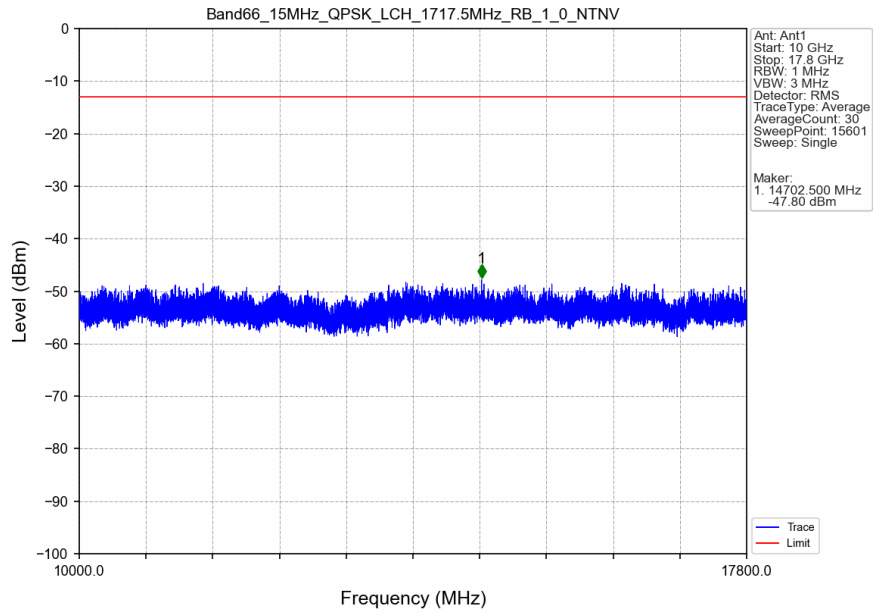


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1770	1780	0.063	CHP	/	/	/	/	/
1780	1781	0.063	CHP	1	1780.008	-33.57	-13	Pass
1781	1790	1	CHP	2	1781.508	-26.65	-13	Pass

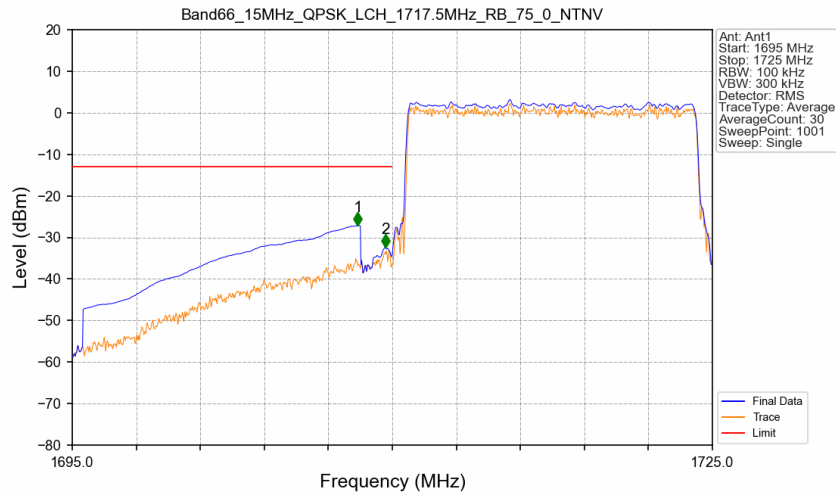
5.2.5 B66_15MHz



Band66_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

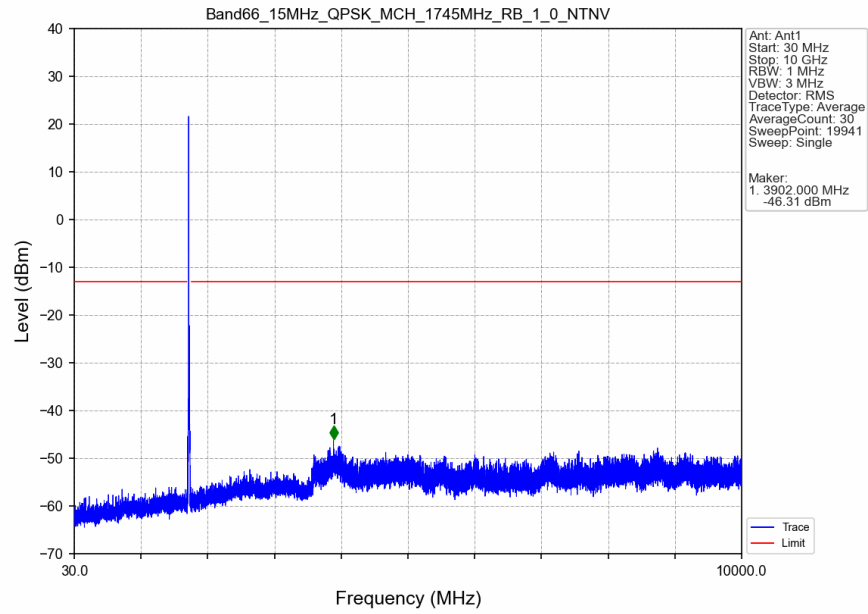


Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

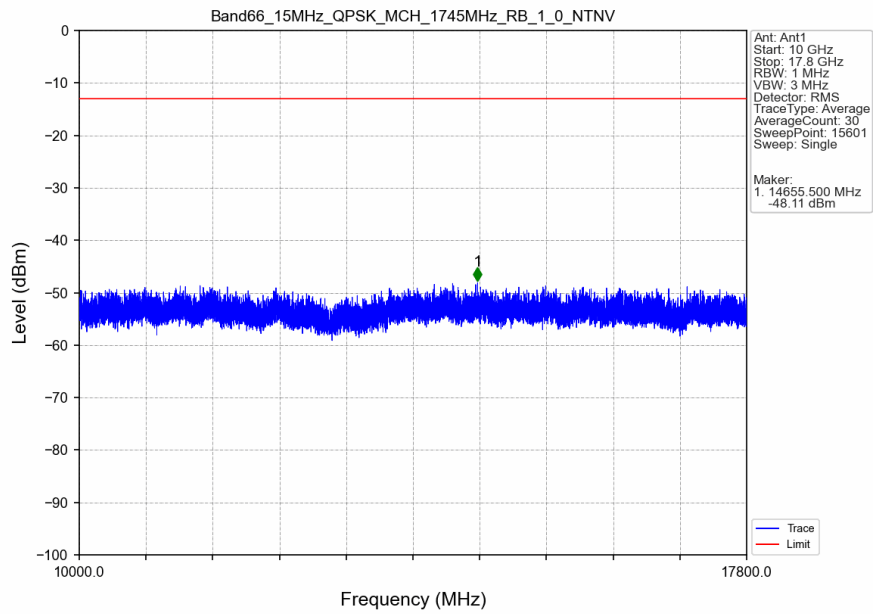


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.380	-27.16	-13	Pass
1709	1710	0.156	CHP	2	1709.670	-32.41	-13	Pass
1710	1725	0.156	CHP	/	/	/	/	/

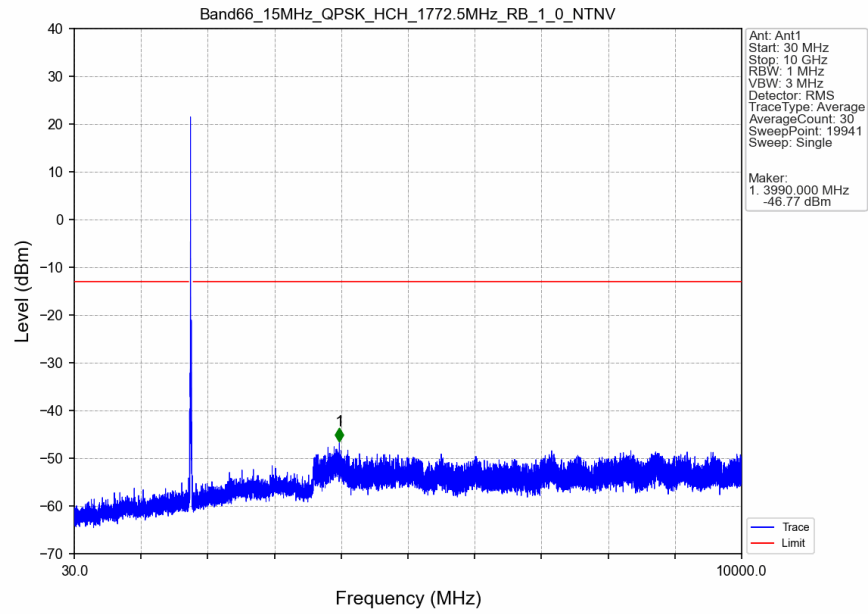
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



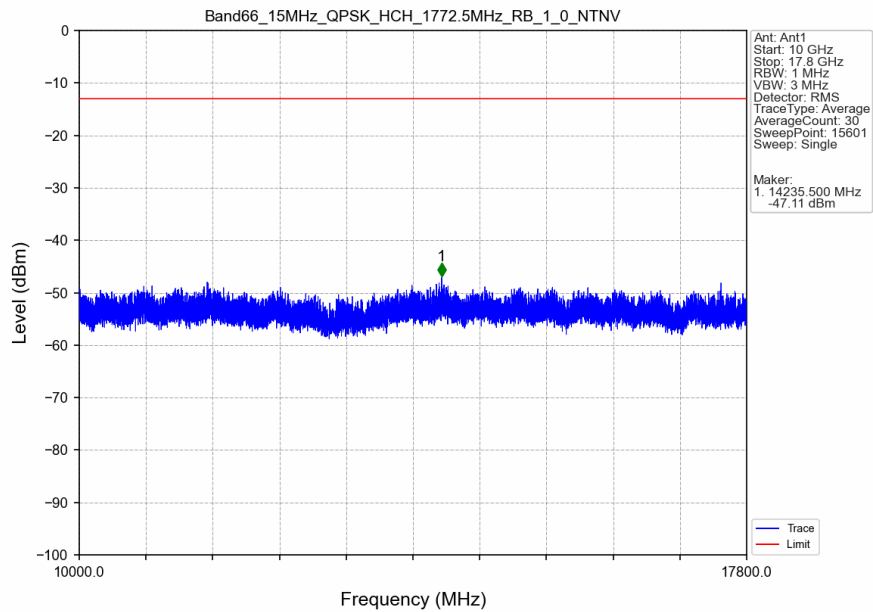
Band66_15MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



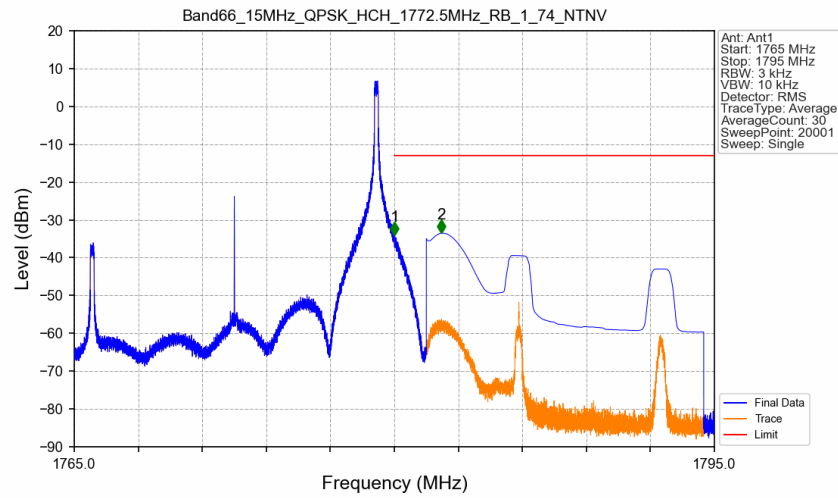
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV



Band66_15MHz_QPSK_HCH_1772.5MHz_RB_1_0_NTNV

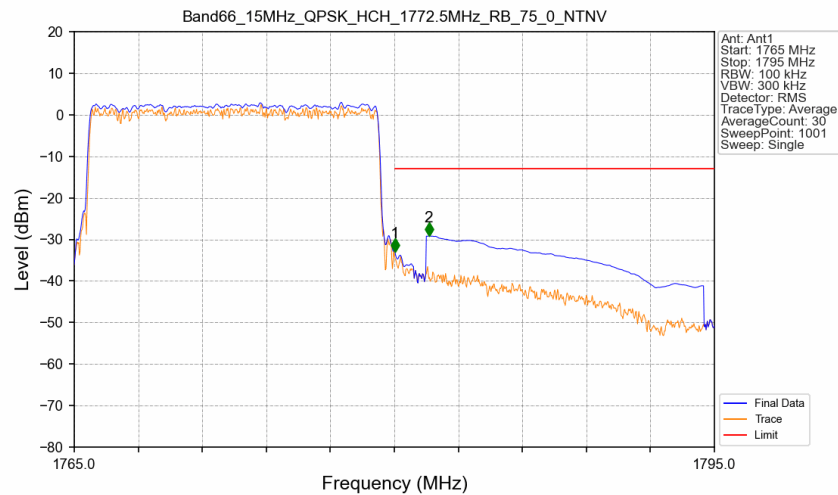


Band66 15MHz QPSK HCH 1772.5MHz RB 1 74 NTNV



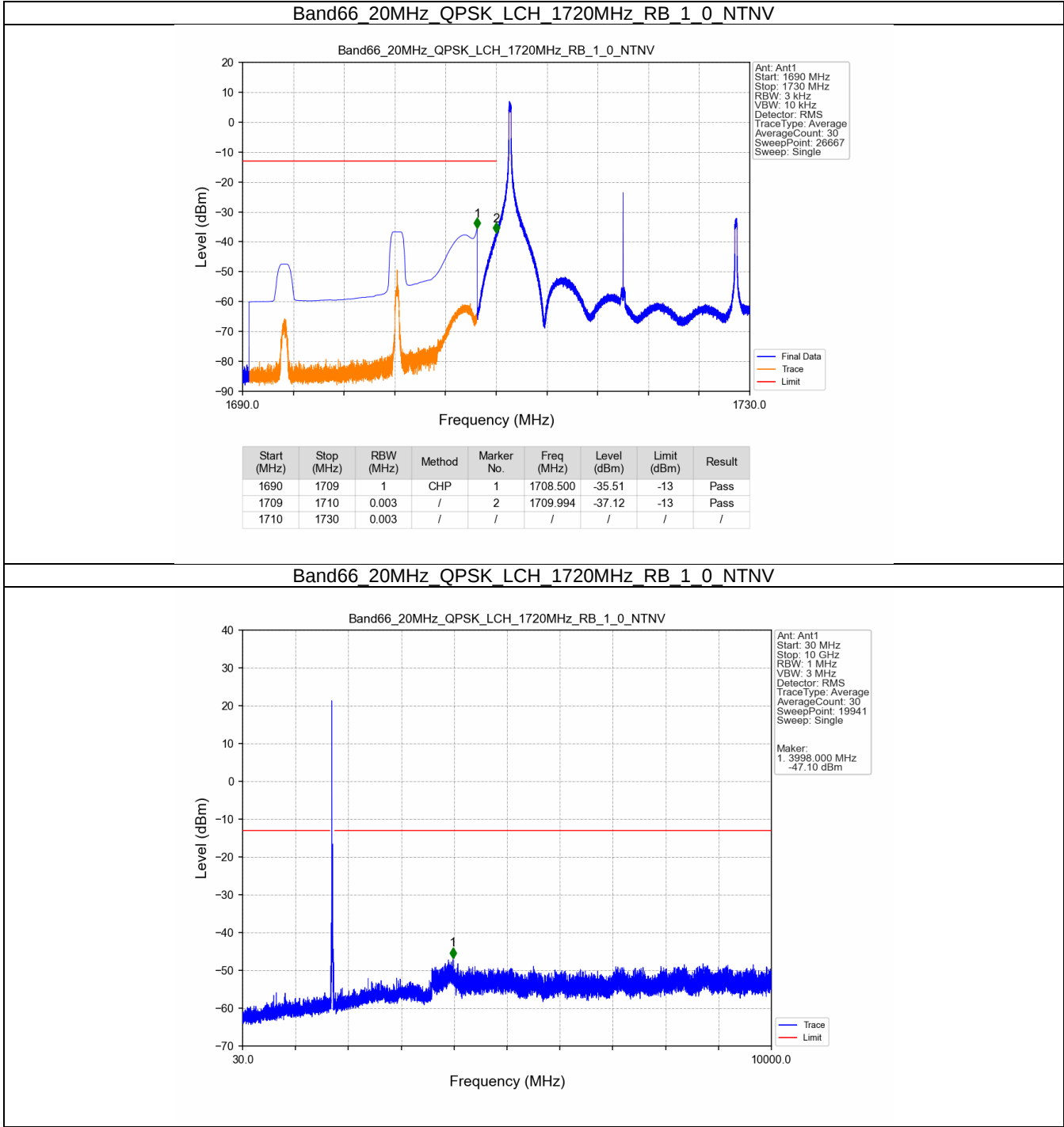
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.006	-34.11	-13	Pass
1781	1795	1	CHP	2	1782.197	-33.51	-13	Pass

Band66 15MHz QPSK HCH 1772.5MHz RB 75 0 NTNV

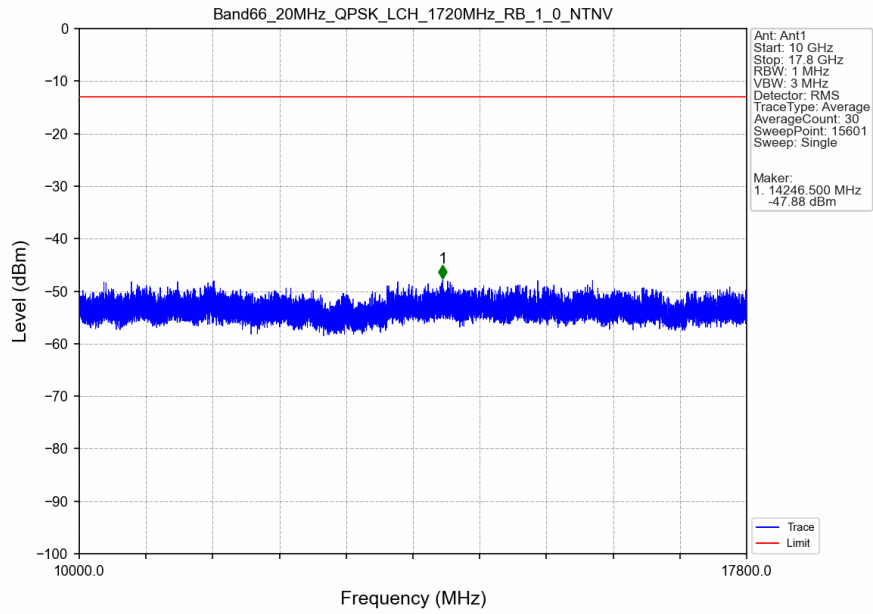


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1765	1780	0.156	CHP	/	/	/	/	/
1780	1781	0.156	CHP	1	1780.030	-32.99	-13	Pass
1781	1795	1	CHP	2	1781.620	-29.17	-13	Pass

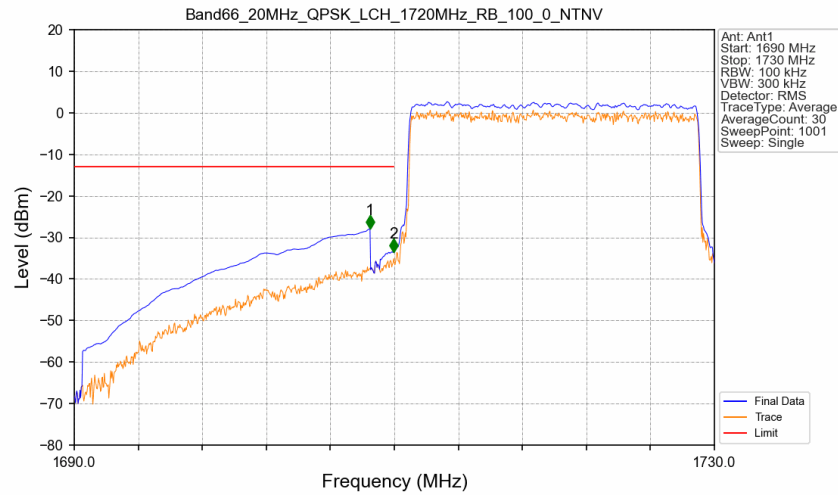
5.2.6 B66_20MHz



Band66 20MHz QPSK LCH 1720MHz RB 1 0 NTN

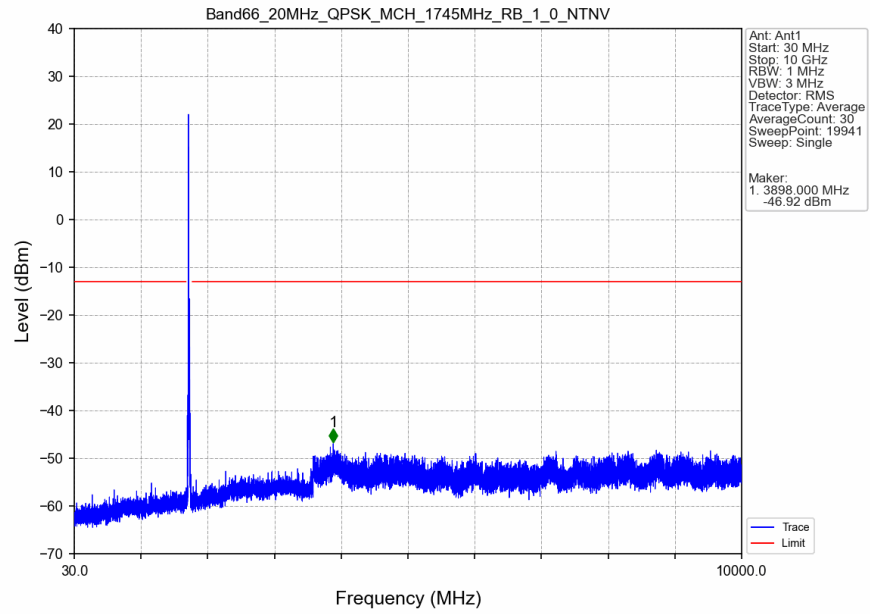


Band66 20MHz QPSK LCH 1720MHz RB 100 0 NTN

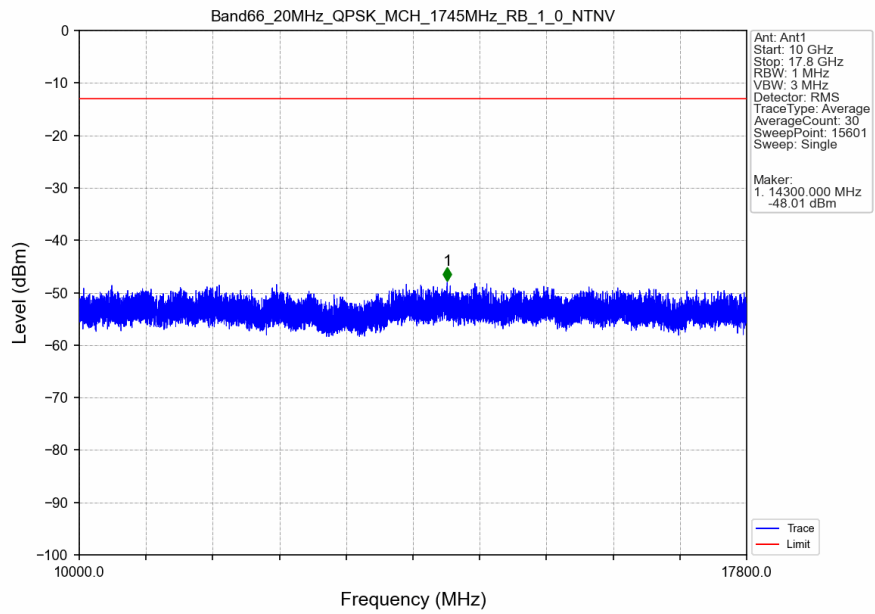


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.480	-27.83	-13	Pass
1709	1710	0.202	CHP	2	1709.960	-33.42	-13	Pass
1710	1730	0.202	CHP	/	/	/	/	/

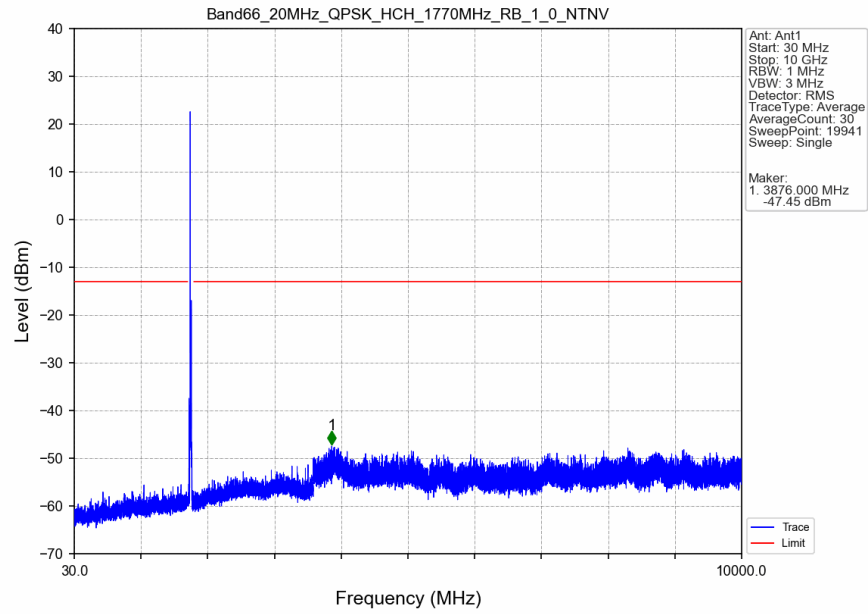
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



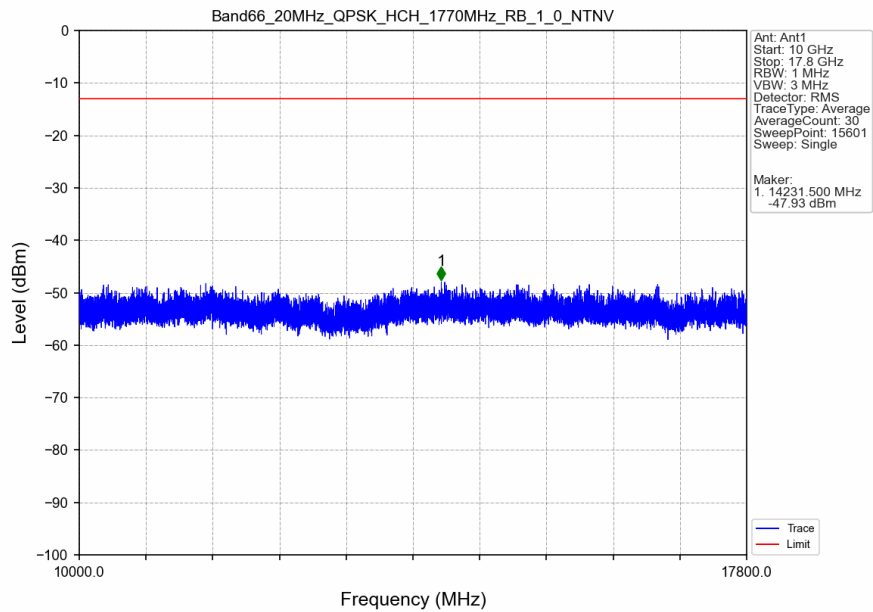
Band66_20MHz_QPSK_MCH_1745MHz_RB_1_0_NTNV



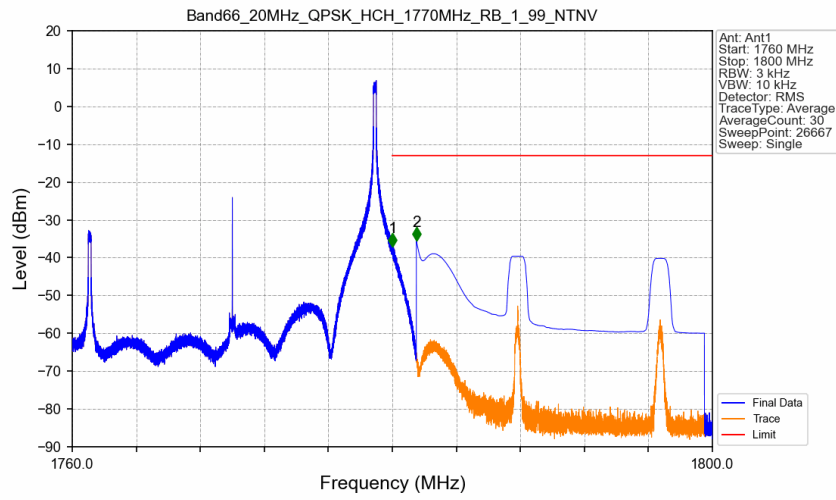
Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV



Band66_20MHz_QPSK_HCH_1770MHz_RB_1_0_NTNV

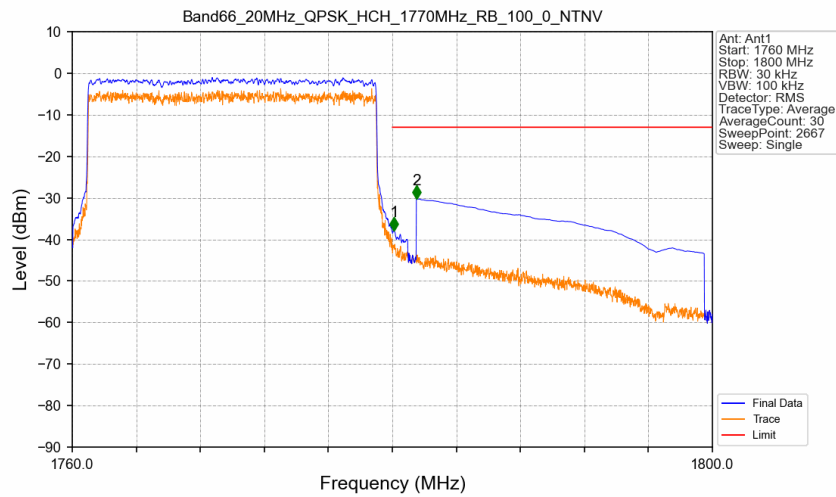


Band66_20MHz_QPSK_HCH_1770MHz_RB_1_99_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1760	1780	0.003	/	/	/	/	/	/
1780	1781	0.003	/	1	1780.005	-37.00	-13	Pass
1781	1800	1	CHP	2	1781.500	-35.53	-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	0.078	CHP	/	/	/	/	/
1780	1781	0.078	CHP	1	1780.105	-37.91	-13	Pass
1781	1800	1	CHP	2	1781.500	-30.18	-13	Pass