

1. Effective (Isotropic) Radiated Power Output Data

1.1 B66_1.4MHz_EIRP

1.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1710.7	1	0	21.34	0.53	21.87	<=30	Pass		
			2	21.47	0.53	22.00	<=30	Pass		
			5	21.31	0.53	21.84	<=30	Pass		
		3	0	21.19	0.53	21.72	<=30	Pass		
			2	21.25	0.53	21.78	<=30	Pass		
			3	21.19	0.53	21.72	<=30	Pass		
		6	0	20.45	0.53	20.98	<=30	Pass		
		1745	1	0	21.00	0.53	21.53	<=30	Pass	
				2	21.13	0.53	21.66	<=30	Pass	
	5			20.99	0.53	21.52	<=30	Pass		
	3		0	21.08	0.53	21.61	<=30	Pass		
			2	21.10	0.53	21.63	<=30	Pass		
			3	21.09	0.53	21.62	<=30	Pass		
	6		0	20.15	0.53	20.68	<=30	Pass		
	1779.3		1	0	20.88	0.53	21.41	<=30	Pass	
				2	21.03	0.53	21.56	<=30	Pass	
		5		20.90	0.53	21.43	<=30	Pass		
		3	0	20.93	0.53	21.46	<=30	Pass		
			2	20.96	0.53	21.49	<=30	Pass		
			3	20.96	0.53	21.49	<=30	Pass		
		6	0	20.01	0.53	20.54	<=30	Pass		
		16QAM	1710.7	1	0	20.28	0.53	20.81	<=30	Pass
					2	20.45	0.53	20.98	<=30	Pass
	5				20.27	0.53	20.80	<=30	Pass	
	3			0	20.14	0.53	20.67	<=30	Pass	
				2	20.12	0.53	20.65	<=30	Pass	
				3	20.09	0.53	20.62	<=30	Pass	
6	0			19.33	0.53	19.86	<=30	Pass		
1745	1			0	20.18	0.53	20.71	<=30	Pass	
				2	20.34	0.53	20.87	<=30	Pass	
			5	20.16	0.53	20.69	<=30	Pass		
	3		0	20.06	0.53	20.59	<=30	Pass		
			2	20.09	0.53	20.62	<=30	Pass		
			3	20.06	0.53	20.59	<=30	Pass		
	6		0	19.03	0.53	19.56	<=30	Pass		
	1779.3		1	0	19.80	0.53	20.33	<=30	Pass	
				2	19.98	0.53	20.51	<=30	Pass	
5				19.83	0.53	20.36	<=30	Pass		
3			0	19.83	0.53	20.36	<=30	Pass		
			2	19.83	0.53	20.36	<=30	Pass		
			3	19.81	0.53	20.34	<=30	Pass		
6			0	18.99	0.53	19.52	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.2 B66_3MHz_EIRP

1.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV										
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict		
		Size	Offset			Result	Limit			
QPSK	1711.5	1	0	21.40	0.53	21.93	<=30	Pass		
			7	21.66	0.53	22.19	<=30	Pass		
			14	21.39	0.53	21.92	<=30	Pass		
		8	0	20.48	0.53	21.01	<=30	Pass		
			4	20.54	0.53	21.07	<=30	Pass		
			7	20.49	0.53	21.02	<=30	Pass		
		15	0	20.39	0.53	20.92	<=30	Pass		
		1745	1	0	21.18	0.53	21.71	<=30	Pass	
				7	21.34	0.53	21.87	<=30	Pass	
	14			21.14	0.53	21.67	<=30	Pass		
	8		0	20.24	0.53	20.77	<=30	Pass		
			4	20.25	0.53	20.78	<=30	Pass		
			7	20.23	0.53	20.76	<=30	Pass		
	15		0	20.18	0.53	20.71	<=30	Pass		
	1778.5		1	0	20.96	0.53	21.49	<=30	Pass	
				7	21.16	0.53	21.69	<=30	Pass	
		14		20.91	0.53	21.44	<=30	Pass		
		8	0	20.10	0.53	20.63	<=30	Pass		
			4	20.09	0.53	20.62	<=30	Pass		
			7	20.07	0.53	20.60	<=30	Pass		
		15	0	20.04	0.53	20.57	<=30	Pass		
		16QAM	1711.5	1	0	20.42	0.53	20.95	<=30	Pass
					7	20.58	0.53	21.11	<=30	Pass
	14				20.38	0.53	20.91	<=30	Pass	
8	0			19.34	0.53	19.87	<=30	Pass		
	4			19.38	0.53	19.91	<=30	Pass		
	7			19.36	0.53	19.89	<=30	Pass		
15	0			19.21	0.53	19.74	<=30	Pass		
1745	1			0	20.07	0.53	20.60	<=30	Pass	
				7	20.28	0.53	20.81	<=30	Pass	
			14	20.06	0.53	20.59	<=30	Pass		
	8		0	19.18	0.53	19.71	<=30	Pass		
			4	19.24	0.53	19.77	<=30	Pass		
			7	19.21	0.53	19.74	<=30	Pass		
	15		0	19.09	0.53	19.62	<=30	Pass		
	1778.5		1	0	20.19	0.53	20.72	<=30	Pass	
				7	20.35	0.53	20.88	<=30	Pass	
14				20.15	0.53	20.68	<=30	Pass		
8			0	19.08	0.53	19.61	<=30	Pass		
			4	19.10	0.53	19.63	<=30	Pass		
			7	19.07	0.53	19.60	<=30	Pass		
15			0	19.02	0.53	19.55	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.3 B66_5MHz_EIRP

1.3.1 Test Result

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	21.22	0.53	21.75	<=30	Pass		
			13	21.34	0.53	21.87	<=30	Pass		
			24	21.24	0.53	21.77	<=30	Pass		
		12	0	20.22	0.53	20.75	<=30	Pass		
			6	20.34	0.53	20.87	<=30	Pass		
			13	20.30	0.53	20.83	<=30	Pass		
		25	0	20.26	0.53	20.79	<=30	Pass		
		1745	1	0	21.02	0.53	21.55	<=30	Pass	
				13	21.11	0.53	21.64	<=30	Pass	
	24			21.01	0.53	21.54	<=30	Pass		
	12		0	20.11	0.53	20.64	<=30	Pass		
			6	20.13	0.53	20.66	<=30	Pass		
			13	20.08	0.53	20.61	<=30	Pass		
	25		0	20.09	0.53	20.62	<=30	Pass		
	1777.5		1	0	20.92	0.53	21.45	<=30	Pass	
				13	20.98	0.53	21.51	<=30	Pass	
		24		20.82	0.53	21.35	<=30	Pass		
		12	0	20.01	0.53	20.54	<=30	Pass		
			6	20.02	0.53	20.55	<=30	Pass		
			13	19.91	0.53	20.44	<=30	Pass		
		25	0	19.99	0.53	20.52	<=30	Pass		
		16QAM	1712.5	1	0	20.31	0.53	20.84	<=30	Pass
					13	20.42	0.53	20.95	<=30	Pass
	24				20.34	0.53	20.87	<=30	Pass	
12	0			19.14	0.53	19.67	<=30	Pass		
	6			19.29	0.53	19.82	<=30	Pass		
	13			19.25	0.53	19.78	<=30	Pass		
25	0			19.13	0.53	19.66	<=30	Pass		
1745	1			0	20.18	0.53	20.71	<=30	Pass	
				13	20.26	0.53	20.79	<=30	Pass	
			24	20.11	0.53	20.64	<=30	Pass		
	12		0	19.11	0.53	19.64	<=30	Pass		
			6	19.17	0.53	19.70	<=30	Pass		
			13	19.12	0.53	19.65	<=30	Pass		
	25		0	19.19	0.53	19.72	<=30	Pass		
	1777.5		1	0	19.93	0.53	20.46	<=30	Pass	
				13	20.04	0.53	20.57	<=30	Pass	
24				19.93	0.53	20.46	<=30	Pass		
12			0	18.99	0.53	19.52	<=30	Pass		
			6	19.00	0.53	19.53	<=30	Pass		
			13	18.93	0.53	19.46	<=30	Pass		
25			0	18.96	0.53	19.49	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.4 B66_10MHz_EIRP

1.4.1 Test Result

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	21.24	0.53	21.77	<=30	Pass		
			25	21.47	0.53	22.00	<=30	Pass		
			49	21.29	0.53	21.82	<=30	Pass		
		25	0	20.29	0.53	20.82	<=30	Pass		
			13	20.40	0.53	20.93	<=30	Pass		
			25	20.37	0.53	20.90	<=30	Pass		
		50	0	20.29	0.53	20.82	<=30	Pass		
		1745	1	0	21.12	0.53	21.65	<=30	Pass	
				25	21.22	0.53	21.75	<=30	Pass	
	49			20.99	0.53	21.52	<=30	Pass		
	25		0	20.22	0.53	20.75	<=30	Pass		
			13	20.21	0.53	20.74	<=30	Pass		
			25	20.17	0.53	20.70	<=30	Pass		
	50		0	20.19	0.53	20.72	<=30	Pass		
	1775		1	0	21.10	0.53	21.63	<=30	Pass	
				25	21.14	0.53	21.67	<=30	Pass	
		49		20.80	0.53	21.33	<=30	Pass		
		25	0	20.20	0.53	20.73	<=30	Pass		
			13	20.13	0.53	20.66	<=30	Pass		
			25	20.02	0.53	20.55	<=30	Pass		
		50	0	20.12	0.53	20.65	<=30	Pass		
		16QAM	1715	1	0	20.28	0.53	20.81	<=30	Pass
					25	20.49	0.53	21.02	<=30	Pass
	49				20.45	0.53	20.98	<=30	Pass	
25	0			19.20	0.53	19.73	<=30	Pass		
	13			19.34	0.53	19.87	<=30	Pass		
	25			19.34	0.53	19.87	<=30	Pass		
50	0			19.22	0.53	19.75	<=30	Pass		
1745	1			0	20.04	0.53	20.57	<=30	Pass	
				25	20.12	0.53	20.65	<=30	Pass	
			49	19.91	0.53	20.44	<=30	Pass		
	25		0	19.22	0.53	19.75	<=30	Pass		
			13	19.21	0.53	19.74	<=30	Pass		
			25	19.17	0.53	19.70	<=30	Pass		
	50		0	19.16	0.53	19.69	<=30	Pass		
	1775		1	0	20.16	0.53	20.69	<=30	Pass	
				25	20.26	0.53	20.79	<=30	Pass	
49				20.07	0.53	20.60	<=30	Pass		
25			0	19.08	0.53	19.61	<=30	Pass		
			13	19.05	0.53	19.58	<=30	Pass		
			25	18.98	0.53	19.51	<=30	Pass		
50			0	19.05	0.53	19.58	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.5 B66_15MHz_EIRP

1.5.1 Test Result

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	21.18	0.53	21.71	<=30	Pass		
			38	21.40	0.53	21.93	<=30	Pass		
			74	21.19	0.53	21.72	<=30	Pass		
		36	0	20.43	0.53	20.96	<=30	Pass		
			18	20.51	0.53	21.04	<=30	Pass		
			39	20.44	0.53	20.97	<=30	Pass		
		75	0	20.42	0.53	20.95	<=30	Pass		
		1745	1	0	21.07	0.53	21.60	<=30	Pass	
				38	21.09	0.53	21.62	<=30	Pass	
	74			20.86	0.53	21.39	<=30	Pass		
	36		0	20.14	0.53	20.67	<=30	Pass		
			18	20.19	0.53	20.72	<=30	Pass		
			39	20.21	0.53	20.74	<=30	Pass		
	75		0	20.16	0.53	20.69	<=30	Pass		
	1772.5		1	0	21.03	0.53	21.56	<=30	Pass	
				38	21.06	0.53	21.59	<=30	Pass	
		74		20.61	0.53	21.14	<=30	Pass		
		36	0	20.41	0.53	20.94	<=30	Pass		
			18	20.32	0.53	20.85	<=30	Pass		
			39	20.09	0.53	20.62	<=30	Pass		
		75	0	20.27	0.53	20.80	<=30	Pass		
		16QAM	1717.5	1	0	20.27	0.53	20.80	<=30	Pass
					38	20.55	0.53	21.08	<=30	Pass
	74				20.50	0.53	21.03	<=30	Pass	
36	0			19.32	0.53	19.85	<=30	Pass		
	18			19.44	0.53	19.97	<=30	Pass		
	39			19.39	0.53	19.92	<=30	Pass		
75	0			19.30	0.53	19.83	<=30	Pass		
1745	1			0	20.00	0.53	20.53	<=30	Pass	
				38	20.00	0.53	20.53	<=30	Pass	
			74	19.74	0.53	20.27	<=30	Pass		
	36		0	19.10	0.53	19.63	<=30	Pass		
			18	19.10	0.53	19.63	<=30	Pass		
			39	19.11	0.53	19.64	<=30	Pass		
	75		0	19.11	0.53	19.64	<=30	Pass		
	1772.5		1	0	20.02	0.53	20.55	<=30	Pass	
				38	20.14	0.53	20.67	<=30	Pass	
74				19.88	0.53	20.41	<=30	Pass		
36			0	19.23	0.53	19.76	<=30	Pass		
			18	19.13	0.53	19.66	<=30	Pass		
			39	18.99	0.53	19.52	<=30	Pass		
75			0	19.07	0.53	19.60	<=30	Pass		

Note1: EIRP=Conducted Power+Antenna Gain

1.6 B66_20MHz_EIRP

1.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency	RB Allocation	Conducted Power	Gain	EIRP (dBm)	Verdict

	(MHz)	Size	Offset	(dBm)	(dBi)	Result	Limit			
QPSK	1720	1	0	21.07	0.53	21.60	<=30	Pass		
			50	21.56	0.53	22.09	<=30	Pass		
			99	21.11	0.53	21.64	<=30	Pass		
		50	0	20.31	0.53	20.84	<=30	Pass		
			25	20.41	0.53	20.94	<=30	Pass		
			50	20.33	0.53	20.86	<=30	Pass		
		100	0	20.36	0.53	20.89	<=30	Pass		
		1745	1	0	20.82	0.53	21.35	<=30	Pass	
				50	21.02	0.53	21.55	<=30	Pass	
	99			20.66	0.53	21.19	<=30	Pass		
	50		0	20.18	0.53	20.71	<=30	Pass		
			25	20.13	0.53	20.66	<=30	Pass		
			50	20.13	0.53	20.66	<=30	Pass		
	100		0	20.14	0.53	20.67	<=30	Pass		
	1770		1	0	21.00	0.53	21.53	<=30	Pass	
				50	21.41	0.53	21.94	<=30	Pass	
		99		20.57	0.53	21.10	<=30	Pass		
		50	0	20.14	0.53	20.67	<=30	Pass		
			25	20.12	0.53	20.65	<=30	Pass		
			50	19.93	0.53	20.46	<=30	Pass		
		100	0	20.04	0.53	20.57	<=30	Pass		
		16QAM	1720	1	0	19.97	0.53	20.50	<=30	Pass
					50	20.59	0.53	21.12	<=30	Pass
	99				20.30	0.53	20.83	<=30	Pass	
50	0			19.25	0.53	19.78	<=30	Pass		
	25			19.37	0.53	19.90	<=30	Pass		
	50			19.24	0.53	19.77	<=30	Pass		
100	0			19.27	0.53	19.80	<=30	Pass		
1745	1			0	20.03	0.53	20.56	<=30	Pass	
				50	20.25	0.53	20.78	<=30	Pass	
			99	19.73	0.53	20.26	<=30	Pass		
	50		0	19.25	0.53	19.78	<=30	Pass		
			25	19.15	0.53	19.68	<=30	Pass		
			50	19.15	0.53	19.68	<=30	Pass		
	100		0	19.10	0.53	19.63	<=30	Pass		
	1770		1	0	19.90	0.53	20.43	<=30	Pass	
				50	20.32	0.53	20.85	<=30	Pass	
99				19.76	0.53	20.29	<=30	Pass		
50			0	19.00	0.53	19.53	<=30	Pass		
			25	18.97	0.53	19.50	<=30	Pass		
			50	18.87	0.53	19.40	<=30	Pass		
100			0	18.90	0.53	19.43	<=30	Pass		
Note1: EIRP=Conducted Power+Antenna Gain										

2. Frequency Stability

2.1 B66_1.4MHz

2.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz

Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1710.7	6	0	20	3.27	-8.712	-0.0051	-2.5 to 2.5	Pass
					3.85	-6.623	-0.0039	-2.5 to 2.5	Pass
					4.43	-30.055	-0.0176	-2.5 to 2.5	Pass
				-30	3.85	-1.302	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-20.871	-0.0122	-2.5 to 2.5	Pass
				-10	3.85	-38.738	-0.0226	-2.5 to 2.5	Pass
				0	3.85	-34.018	-0.0199	-2.5 to 2.5	Pass
				10	3.85	-16.479	-0.0096	-2.5 to 2.5	Pass
				30	3.85	-32.687	-0.0191	-2.5 to 2.5	Pass
				40	3.85	-14.076	-0.0082	-2.5 to 2.5	Pass
	50	3.85	-32.144	-0.0188	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	-3.347	-0.0019	-2.5 to 2.5	Pass
					3.85	6.022	0.0035	-2.5 to 2.5	Pass
					4.43	16.336	0.0094	-2.5 to 2.5	Pass
				-30	3.85	24.118	0.0138	-2.5 to 2.5	Pass
				-20	3.85	31.099	0.0178	-2.5 to 2.5	Pass
				-10	3.85	40.212	0.0230	-2.5 to 2.5	Pass
				0	3.85	7.310	0.0042	-2.5 to 2.5	Pass
				10	3.85	-31.700	-0.0182	-2.5 to 2.5	Pass
				30	3.85	7.825	0.0045	-2.5 to 2.5	Pass
				40	3.85	15.736	0.0090	-2.5 to 2.5	Pass
	50	3.85	24.834	0.0142	-2.5 to 2.5	Pass			
	1779.3	6	0	20	3.27	-5.164	-0.0029	-2.5 to 2.5	Pass
					3.85	-8.426	-0.0047	-2.5 to 2.5	Pass
					4.43	-19.598	-0.0110	-2.5 to 2.5	Pass
				-30	3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-21.300	-0.0120	-2.5 to 2.5	Pass
				-10	3.85	-8.411	-0.0047	-2.5 to 2.5	Pass
				0	3.85	-28.582	-0.0161	-2.5 to 2.5	Pass
				10	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
30				3.85	-24.047	-0.0135	-2.5 to 2.5	Pass	
40				3.85	-8.039	-0.0045	-2.5 to 2.5	Pass	
50	3.85	-32.644	-0.0183	-2.5 to 2.5	Pass				
16QAM	1710.7	6	0	20	3.27	9.942	0.0058	-2.5 to 2.5	Pass
					3.85	-3.605	-0.0021	-2.5 to 2.5	Pass
					4.43	-22.745	-0.0133	-2.5 to 2.5	Pass
				-30	3.85	0.887	0.0005	-2.5 to 2.5	Pass
				-20	3.85	-7.467	-0.0044	-2.5 to 2.5	Pass
				-10	3.85	-5.121	-0.0030	-2.5 to 2.5	Pass
				0	3.85	2.131	0.0012	-2.5 to 2.5	Pass
				10	3.85	8.669	0.0051	-2.5 to 2.5	Pass
				30	3.85	17.366	0.0102	-2.5 to 2.5	Pass
				40	3.85	26.493	0.0155	-2.5 to 2.5	Pass
	50	3.85	35.462	0.0207	-2.5 to 2.5	Pass			
	1745	6	0	20	3.27	34.189	0.0196	-2.5 to 2.5	Pass
					3.85	6.566	0.0038	-2.5 to 2.5	Pass
					4.43	16.580	0.0095	-2.5 to 2.5	Pass
				-30	3.85	-1.373	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	6.995	0.0040	-2.5 to 2.5	Pass
				-10	3.85	14.820	0.0085	-2.5 to 2.5	Pass
				0	3.85	23.246	0.0133	-2.5 to 2.5	Pass
10				3.85	29.984	0.0172	-2.5 to 2.5	Pass	
30	3.85	37.279	0.0214	-2.5 to 2.5	Pass				

	1779.3	6	0	40	3.85	42.586	0.0244	-2.5 to 2.5	Pass
				50	3.85	11.101	0.0064	-2.5 to 2.5	Pass
				20	3.27	-14.148	-0.0080	-2.5 to 2.5	Pass
					3.85	-18.926	-0.0106	-2.5 to 2.5	Pass
					4.43	-33.031	-0.0186	-2.5 to 2.5	Pass
				-30	3.85	-15.607	-0.0088	-2.5 to 2.5	Pass
				-20	3.85	-26.779	-0.0151	-2.5 to 2.5	Pass
				-10	3.85	-40.026	-0.0225	-2.5 to 2.5	Pass
				0	3.85	-17.495	-0.0098	-2.5 to 2.5	Pass
				10	3.85	-29.740	-0.0167	-2.5 to 2.5	Pass
				30	3.85	13.075	0.0073	-2.5 to 2.5	Pass
				40	3.85	0.701	0.0004	-2.5 to 2.5	Pass
				50	3.85	2.775	0.0016	-2.5 to 2.5	Pass

2.2 B66_3MHz

2.2.1 Test Result

Band: 66 / Bandwidth: 3MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1711.5	15	0	20	3.27	9.112	0.0053	-2.5 to 2.5	Pass
					3.85	13.247	0.0077	-2.5 to 2.5	Pass
					4.43	7.610	0.0044	-2.5 to 2.5	Pass
				-30	3.85	0.372	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-2.317	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-14.505	-0.0085	-2.5 to 2.5	Pass
				0	3.85	-30.627	-0.0179	-2.5 to 2.5	Pass
				10	3.85	-4.964	-0.0029	-2.5 to 2.5	Pass
				30	3.85	-12.417	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-20.256	-0.0118	-2.5 to 2.5	Pass
				50	3.85	-36.678	-0.0214	-2.5 to 2.5	Pass
				1745	15	0	20	3.27	18.611
	3.85	23.088	0.0132					-2.5 to 2.5	Pass
	4.43	15.507	0.0089					-2.5 to 2.5	Pass
	-30	3.85	3.033				0.0017	-2.5 to 2.5	Pass
	-20	3.85	-9.170				-0.0053	-2.5 to 2.5	Pass
	-10	3.85	-26.736				-0.0153	-2.5 to 2.5	Pass
	0	3.85	-3.490				-0.0020	-2.5 to 2.5	Pass
	10	3.85	-18.067				-0.0104	-2.5 to 2.5	Pass
	30	3.85	-35.505				-0.0203	-2.5 to 2.5	Pass
	40	3.85	-24.762				-0.0142	-2.5 to 2.5	Pass
	50	3.85	-36.793				-0.0211	-2.5 to 2.5	Pass
	1778.5	15	0				20	3.27	18.940
				3.85	23.260	0.0131		-2.5 to 2.5	Pass
				4.43	16.766	0.0094		-2.5 to 2.5	Pass
				-30	3.85	7.138	0.0040	-2.5 to 2.5	Pass
				-20	3.85	-8.254	-0.0046	-2.5 to 2.5	Pass
				-10	3.85	-26.751	-0.0150	-2.5 to 2.5	Pass
				0	3.85	-19.627	-0.0110	-2.5 to 2.5	Pass
				10	3.85	-37.222	-0.0209	-2.5 to 2.5	Pass
30				3.85	-17.195	-0.0097	-2.5 to 2.5	Pass	

				40	3.85	-32.673	-0.0184	-2.5 to 2.5	Pass
				50	3.85	-7.682	-0.0043	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	0.887	0.0005	-2.5 to 2.5	Pass
					3.85	-5.951	-0.0035	-2.5 to 2.5	Pass
					4.43	-3.219	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	6.666	0.0039	-2.5 to 2.5	Pass
				-20	3.85	17.052	0.0100	-2.5 to 2.5	Pass
				-10	3.85	29.397	0.0172	-2.5 to 2.5	Pass
				0	3.85	31.557	0.0184	-2.5 to 2.5	Pass
				10	3.85	3.748	0.0022	-2.5 to 2.5	Pass
				30	3.85	15.693	0.0092	-2.5 to 2.5	Pass
				40	3.85	23.589	0.0138	-2.5 to 2.5	Pass
	50	3.85	34.690	0.0203	-2.5 to 2.5	Pass			
	1745	15	0	20	3.27	-37.808	-0.0217	-2.5 to 2.5	Pass
					3.85	-27.123	-0.0155	-2.5 to 2.5	Pass
					4.43	-13.490	-0.0077	-2.5 to 2.5	Pass
				-30	3.85	2.289	0.0013	-2.5 to 2.5	Pass
				-20	3.85	17.781	0.0102	-2.5 to 2.5	Pass
				-10	3.85	34.475	0.0198	-2.5 to 2.5	Pass
				0	3.85	24.319	0.0139	-2.5 to 2.5	Pass
				10	3.85	39.711	0.0228	-2.5 to 2.5	Pass
				30	3.85	16.036	0.0092	-2.5 to 2.5	Pass
				40	3.85	28.238	0.0162	-2.5 to 2.5	Pass
	50	3.85	40.870	0.0234	-2.5 to 2.5	Pass			
	1778.5	15	0	20	3.27	-25.363	-0.0143	-2.5 to 2.5	Pass
					3.85	-35.548	-0.0200	-2.5 to 2.5	Pass
					4.43	-11.873	-0.0067	-2.5 to 2.5	Pass
				-30	3.85	-11.773	-0.0066	-2.5 to 2.5	Pass
				-20	3.85	-3.362	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	9.241	0.0052	-2.5 to 2.5	Pass
				0	3.85	23.189	0.0130	-2.5 to 2.5	Pass
				10	3.85	0.873	0.0005	-2.5 to 2.5	Pass
30				3.85	14.591	0.0082	-2.5 to 2.5	Pass	
40				3.85	28.481	0.0160	-2.5 to 2.5	Pass	
50	3.85	4.249	0.0024	-2.5 to 2.5	Pass				

2.3 B66_5MHz

2.3.1 Test Result

Band: 66 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1712.5	25	0	20	3.27	-7.510	-0.0044	-2.5 to 2.5	Pass
					3.85	-20.270	-0.0118	-2.5 to 2.5	Pass
					4.43	-33.889	-0.0198	-2.5 to 2.5	Pass
				-30	3.85	0.958	0.0006	-2.5 to 2.5	Pass
				-20	3.85	-11.773	-0.0069	-2.5 to 2.5	Pass
				-10	3.85	-31.543	-0.0184	-2.5 to 2.5	Pass
				0	3.85	-9.470	-0.0055	-2.5 to 2.5	Pass
				10	3.85	-32.401	-0.0189	-2.5 to 2.5	Pass
				30	3.85	-2.475	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-17.509	-0.0102	-2.5 to 2.5	Pass
	50	3.85	-32.129	-0.0188	-2.5 to 2.5	Pass			
	1745	25	0	20	3.27	12.746	0.0073	-2.5 to 2.5	Pass

					3.85	21.772	0.0125	-2.5 to 2.5	Pass
					4.43	25.935	0.0149	-2.5 to 2.5	Pass
				-30	3.85	35.863	0.0206	-2.5 to 2.5	Pass
				-20	3.85	19.312	0.0111	-2.5 to 2.5	Pass
				-10	3.85	14.677	0.0084	-2.5 to 2.5	Pass
				0	3.85	26.093	0.0150	-2.5 to 2.5	Pass
				10	3.85	35.248	0.0202	-2.5 to 2.5	Pass
				30	3.85	2.975	0.0017	-2.5 to 2.5	Pass
				40	3.85	14.405	0.0083	-2.5 to 2.5	Pass
	50	3.85	22.101	0.0127	-2.5 to 2.5	Pass			
	1777.5	25	0	20	3.27	-0.229	-0.0001	-2.5 to 2.5	Pass
					3.85	-2.975	-0.0017	-2.5 to 2.5	Pass
					4.43	-14.033	-0.0079	-2.5 to 2.5	Pass
				-30	3.85	-32.058	-0.0180	-2.5 to 2.5	Pass
				-20	3.85	-17.552	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-13.547	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-11.187	-0.0063	-2.5 to 2.5	Pass
				10	3.85	-5.779	-0.0033	-2.5 to 2.5	Pass
30				3.85	-26.636	-0.0150	-2.5 to 2.5	Pass	
40	3.85	-19.484	-0.0110	-2.5 to 2.5	Pass				
50	3.85	-13.161	-0.0074	-2.5 to 2.5	Pass				
16QAM	1712.5	25	0	20	3.27	-20.156	-0.0118	-2.5 to 2.5	Pass
					3.85	-29.984	-0.0175	-2.5 to 2.5	Pass
					4.43	-20.585	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-10.257	-0.0060	-2.5 to 2.5	Pass
				-20	3.85	1.845	0.0011	-2.5 to 2.5	Pass
				-10	3.85	12.345	0.0072	-2.5 to 2.5	Pass
				0	3.85	23.046	0.0135	-2.5 to 2.5	Pass
				10	3.85	35.148	0.0205	-2.5 to 2.5	Pass
				30	3.85	21.873	0.0128	-2.5 to 2.5	Pass
	40	3.85	33.746	0.0197	-2.5 to 2.5	Pass			
	50	3.85	35.906	0.0210	-2.5 to 2.5	Pass			
	1745	25	0	20	3.27	32.358	0.0185	-2.5 to 2.5	Pass
					3.85	26.350	0.0151	-2.5 to 2.5	Pass
					4.43	1.230	0.0007	-2.5 to 2.5	Pass
				-30	3.85	-2.446	-0.0014	-2.5 to 2.5	Pass
				-20	3.85	6.180	0.0035	-2.5 to 2.5	Pass
				-10	3.85	16.451	0.0094	-2.5 to 2.5	Pass
				0	3.85	25.692	0.0147	-2.5 to 2.5	Pass
				10	3.85	35.462	0.0203	-2.5 to 2.5	Pass
				30	3.85	44.560	0.0255	-2.5 to 2.5	Pass
	40	3.85	5.336	0.0031	-2.5 to 2.5	Pass			
	50	3.85	11.888	0.0068	-2.5 to 2.5	Pass			
	1777.5	25	0	20	3.27	-30.627	-0.0172	-2.5 to 2.5	Pass
					3.85	-42.715	-0.0240	-2.5 to 2.5	Pass
					4.43	-19.326	-0.0109	-2.5 to 2.5	Pass
				-30	3.85	-31.414	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-45.476	-0.0256	-2.5 to 2.5	Pass
				-10	3.85	-20.471	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-35.248	-0.0198	-2.5 to 2.5	Pass
				10	3.85	6.108	0.0034	-2.5 to 2.5	Pass
				30	3.85	0.529	0.0003	-2.5 to 2.5	Pass
	40	3.85	2.375	0.0013	-2.5 to 2.5	Pass			
	50	3.85	13.704	0.0077	-2.5 to 2.5	Pass			

2.4 B66_10MHz

2.4.1 Test Result

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	1715	50	0	20	3.27	-6.566	-0.0038	-2.5 to 2.5	Pass
					3.85	-11.072	-0.0065	-2.5 to 2.5	Pass
					4.43	-18.053	-0.0105	-2.5 to 2.5	Pass
				-30	3.85	11.930	0.0070	-2.5 to 2.5	Pass
				-20	3.85	-1.659	-0.0010	-2.5 to 2.5	Pass
				-10	3.85	-17.953	-0.0105	-2.5 to 2.5	Pass
				0	3.85	-21.272	-0.0124	-2.5 to 2.5	Pass
				10	3.85	-34.432	-0.0201	-2.5 to 2.5	Pass
				30	3.85	-16.265	-0.0095	-2.5 to 2.5	Pass
				40	3.85	-27.065	-0.0158	-2.5 to 2.5	Pass
	50	3.85	-31.357	-0.0183	-2.5 to 2.5	Pass			
	1745	50	0	20	3.27	19.941	0.0114	-2.5 to 2.5	Pass
					3.85	-6.409	-0.0037	-2.5 to 2.5	Pass
					4.43	-20.556	-0.0118	-2.5 to 2.5	Pass
				-30	3.85	-40.541	-0.0232	-2.5 to 2.5	Pass
				-20	3.85	-25.721	-0.0147	-2.5 to 2.5	Pass
				-10	3.85	-7.353	-0.0042	-2.5 to 2.5	Pass
				0	3.85	-28.811	-0.0165	-2.5 to 2.5	Pass
				10	3.85	-8.769	-0.0050	-2.5 to 2.5	Pass
				30	3.85	-15.850	-0.0091	-2.5 to 2.5	Pass
				40	3.85	-31.157	-0.0179	-2.5 to 2.5	Pass
	50	3.85	-6.123	-0.0035	-2.5 to 2.5	Pass			
	1775	50	0	20	3.27	-12.403	-0.0070	-2.5 to 2.5	Pass
					3.85	-3.619	-0.0020	-2.5 to 2.5	Pass
					4.43	6.423	0.0036	-2.5 to 2.5	Pass
				-30	3.85	17.395	0.0098	-2.5 to 2.5	Pass
				-20	3.85	28.410	0.0160	-2.5 to 2.5	Pass
				-10	3.85	38.409	0.0216	-2.5 to 2.5	Pass
				0	3.85	20.957	0.0118	-2.5 to 2.5	Pass
				10	3.85	30.212	0.0170	-2.5 to 2.5	Pass
30				3.85	35.377	0.0199	-2.5 to 2.5	Pass	
40				3.85	42.372	0.0239	-2.5 to 2.5	Pass	
50	3.85	10.872	0.0061	-2.5 to 2.5	Pass				
16QAM	1715	50	0	20	3.27	-20.943	-0.0122	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0048	-2.5 to 2.5	Pass
					4.43	11.172	0.0065	-2.5 to 2.5	Pass
				-30	3.85	27.680	0.0161	-2.5 to 2.5	Pass
				-20	3.85	44.618	0.0260	-2.5 to 2.5	Pass
				-10	3.85	22.373	0.0130	-2.5 to 2.5	Pass
				0	3.85	37.022	0.0216	-2.5 to 2.5	Pass
				10	3.85	26.851	0.0157	-2.5 to 2.5	Pass
				30	3.85	41.156	0.0240	-2.5 to 2.5	Pass
				40	3.85	16.751	0.0098	-2.5 to 2.5	Pass
	50	3.85	28.782	0.0168	-2.5 to 2.5	Pass			
	1745	50	0	20	3.27	-9.055	-0.0052	-2.5 to 2.5	Pass

					3.85	4.435	0.0025	-2.5 to 2.5	Pass	
					4.43	19.798	0.0113	-2.5 to 2.5	Pass	
				-30	3.85	4.148	0.0024	-2.5 to 2.5	Pass	
				-20	3.85	25.120	0.0144	-2.5 to 2.5	Pass	
				-10	3.85	5.536	0.0032	-2.5 to 2.5	Pass	
				0	3.85	25.492	0.0146	-2.5 to 2.5	Pass	
				10	3.85	-6.366	-0.0036	-2.5 to 2.5	Pass	
				30	3.85	11.144	0.0064	-2.5 to 2.5	Pass	
				40	3.85	27.366	0.0157	-2.5 to 2.5	Pass	
				50	3.85	28.696	0.0164	-2.5 to 2.5	Pass	
	1775	50	0	20		3.27	18.826	0.0106	-2.5 to 2.5	Pass
						3.85	27.437	0.0155	-2.5 to 2.5	Pass
						4.43	31.142	0.0175	-2.5 to 2.5	Pass
				-30	3.85	38.266	0.0216	-2.5 to 2.5	Pass	
				-20	3.85	45.977	0.0259	-2.5 to 2.5	Pass	
				-10	3.85	1.988	0.0011	-2.5 to 2.5	Pass	
				0	3.85	9.627	0.0054	-2.5 to 2.5	Pass	
				10	3.85	14.906	0.0084	-2.5 to 2.5	Pass	
				30	3.85	22.473	0.0127	-2.5 to 2.5	Pass	
				40	3.85	28.868	0.0163	-2.5 to 2.5	Pass	
50	3.85	35.162	0.0198	-2.5 to 2.5	Pass					

2.5 B66_15MHz

2.5.1 Test Result

Band: 66 / Bandwidth: 15MHz										
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict	
		Size	Offset				Result	Limit		
QPSK	1717.5	75	0	20		3.27	-8.898	-0.0052	-2.5 to 2.5	Pass
						3.85	-28.911	-0.0168	-2.5 to 2.5	Pass
						4.43	-16.465	-0.0096	-2.5 to 2.5	Pass
				-30	3.85	-5.636	-0.0033	-2.5 to 2.5	Pass	
				-20	3.85	-31.657	-0.0184	-2.5 to 2.5	Pass	
				-10	3.85	-20.685	-0.0120	-2.5 to 2.5	Pass	
				0	3.85	-9.584	-0.0056	-2.5 to 2.5	Pass	
				10	3.85	-33.889	-0.0197	-2.5 to 2.5	Pass	
				30	3.85	-19.441	-0.0113	-2.5 to 2.5	Pass	
				40	3.85	-7.467	-0.0043	-2.5 to 2.5	Pass	
	50	3.85	-27.452	-0.0160	-2.5 to 2.5	Pass				
	1745	75	0	20		3.27	-1.760	-0.0010	-2.5 to 2.5	Pass
						3.85	14.777	0.0085	-2.5 to 2.5	Pass
						4.43	10.285	0.0059	-2.5 to 2.5	Pass
				-30	3.85	3.877	0.0022	-2.5 to 2.5	Pass	
				-20	3.85	-0.830	-0.0005	-2.5 to 2.5	Pass	
				-10	3.85	3.347	0.0019	-2.5 to 2.5	Pass	
				0	3.85	16.608	0.0095	-2.5 to 2.5	Pass	
				10	3.85	37.265	0.0214	-2.5 to 2.5	Pass	
				30	3.85	-5.021	-0.0029	-2.5 to 2.5	Pass	
40				3.85	14.420	0.0083	-2.5 to 2.5	Pass		
50	3.85	18.911	0.0108	-2.5 to 2.5	Pass					
1772.5	75	0	20		3.27	8.326	0.0047	-2.5 to 2.5	Pass	

					3.85	3.576	0.0020	-2.5 to 2.5	Pass
					4.43	-10.242	-0.0058	-2.5 to 2.5	Pass
				-30	3.85	-31.443	-0.0177	-2.5 to 2.5	Pass
				-20	3.85	-16.208	-0.0091	-2.5 to 2.5	Pass
				-10	3.85	-23.503	-0.0133	-2.5 to 2.5	Pass
				0	3.85	-24.233	-0.0137	-2.5 to 2.5	Pass
				10	3.85	-18.296	-0.0103	-2.5 to 2.5	Pass
				30	3.85	-12.946	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-28.582	-0.0161	-2.5 to 2.5	Pass
				50	3.85	-12.860	-0.0073	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.27	3.104	0.0018	-2.5 to 2.5	Pass
					3.85	-25.563	-0.0149	-2.5 to 2.5	Pass
					4.43	-37.951	-0.0221	-2.5 to 2.5	Pass
				-30	3.85	2.775	0.0016	-2.5 to 2.5	Pass
				-20	3.85	-14.706	-0.0086	-2.5 to 2.5	Pass
				-10	3.85	-25.878	-0.0151	-2.5 to 2.5	Pass
				0	3.85	-0.100	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-13.433	-0.0078	-2.5 to 2.5	Pass
				30	3.85	0.944	0.0005	-2.5 to 2.5	Pass
				40	3.85	-9.084	-0.0053	-2.5 to 2.5	Pass
	50	3.85	-17.266	-0.0101	-2.5 to 2.5	Pass			
	1745	75	0	20	3.27	15.435	0.0088	-2.5 to 2.5	Pass
					3.85	27.752	0.0159	-2.5 to 2.5	Pass
					4.43	16.422	0.0094	-2.5 to 2.5	Pass
				-30	3.85	34.361	0.0197	-2.5 to 2.5	Pass
				-20	3.85	13.576	0.0078	-2.5 to 2.5	Pass
				-10	3.85	29.840	0.0171	-2.5 to 2.5	Pass
				0	3.85	36.449	0.0209	-2.5 to 2.5	Pass
				10	3.85	34.704	0.0199	-2.5 to 2.5	Pass
				30	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				40	3.85	13.418	0.0077	-2.5 to 2.5	Pass
	50	3.85	25.048	0.0144	-2.5 to 2.5	Pass			
	1772.5	75	0	20	3.27	-30.055	-0.0170	-2.5 to 2.5	Pass
					3.85	-1.974	-0.0011	-2.5 to 2.5	Pass
					4.43	-6.480	-0.0037	-2.5 to 2.5	Pass
				-30	3.85	3.018	0.0017	-2.5 to 2.5	Pass
				-20	3.85	19.484	0.0110	-2.5 to 2.5	Pass
-10				3.85	25.792	0.0146	-2.5 to 2.5	Pass	
0				3.85	20.628	0.0116	-2.5 to 2.5	Pass	
10				3.85	40.913	0.0231	-2.5 to 2.5	Pass	
30				3.85	20.313	0.0115	-2.5 to 2.5	Pass	
40				3.85	39.511	0.0223	-2.5 to 2.5	Pass	
50	3.85	8.254	0.0047	-2.5 to 2.5	Pass				

2.6 B66_20MHz

2.6.1 Test Result

Band: 66 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	1720	100	0	20	3.27	-10.915	-0.0063	-2.5 to 2.5	Pass

					3.85	-1.674	-0.0010	-2.5 to 2.5	Pass
					4.43	13.590	0.0079	-2.5 to 2.5	Pass
				-30	3.85	34.475	0.0200	-2.5 to 2.5	Pass
				-20	3.85	13.018	0.0076	-2.5 to 2.5	Pass
				-10	3.85	26.379	0.0153	-2.5 to 2.5	Pass
				0	3.85	34.533	0.0201	-2.5 to 2.5	Pass
				10	3.85	40.526	0.0236	-2.5 to 2.5	Pass
				30	3.85	-6.266	-0.0036	-2.5 to 2.5	Pass
				40	3.85	-6.495	-0.0038	-2.5 to 2.5	Pass
				50	3.85	-8.626	-0.0050	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	2.789	0.0016	-2.5 to 2.5	Pass
					3.85	-16.208	-0.0093	-2.5 to 2.5	Pass
					4.43	-25.234	-0.0145	-2.5 to 2.5	Pass
				-30	3.85	-30.656	-0.0176	-2.5 to 2.5	Pass
				-20	3.85	-7.854	-0.0045	-2.5 to 2.5	Pass
				-10	3.85	-7.110	-0.0041	-2.5 to 2.5	Pass
				0	3.85	-6.795	-0.0039	-2.5 to 2.5	Pass
				10	3.85	-24.304	-0.0139	-2.5 to 2.5	Pass
				30	3.85	-18.282	-0.0105	-2.5 to 2.5	Pass
				40	3.85	-10.772	-0.0062	-2.5 to 2.5	Pass
	50	3.85	-36.836	-0.0211	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	-15.764	-0.0089	-2.5 to 2.5	Pass
					3.85	17.066	0.0096	-2.5 to 2.5	Pass
					4.43	31.815	0.0180	-2.5 to 2.5	Pass
				-30	3.85	7.167	0.0040	-2.5 to 2.5	Pass
				-20	3.85	30.012	0.0170	-2.5 to 2.5	Pass
				-10	3.85	13.361	0.0075	-2.5 to 2.5	Pass
				0	3.85	32.458	0.0183	-2.5 to 2.5	Pass
10				3.85	12.374	0.0070	-2.5 to 2.5	Pass	
30				3.85	28.353	0.0160	-2.5 to 2.5	Pass	
40				3.85	41.156	0.0233	-2.5 to 2.5	Pass	
50	3.85	16.608	0.0094	-2.5 to 2.5	Pass				
16QAM	1720	100	0	20	3.27	-7.524	-0.0044	-2.5 to 2.5	Pass
					3.85	-5.536	-0.0032	-2.5 to 2.5	Pass
					4.43	-4.306	-0.0025	-2.5 to 2.5	Pass
				-30	3.85	-4.892	-0.0028	-2.5 to 2.5	Pass
				-20	3.85	-6.466	-0.0038	-2.5 to 2.5	Pass
				-10	3.85	-5.035	-0.0029	-2.5 to 2.5	Pass
				0	3.85	-5.593	-0.0033	-2.5 to 2.5	Pass
				10	3.85	-4.578	-0.0027	-2.5 to 2.5	Pass
				30	3.85	-6.881	-0.0040	-2.5 to 2.5	Pass
				40	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
	50	3.85	-3.290	-0.0019	-2.5 to 2.5	Pass			
	1745	100	0	20	3.27	-20.285	-0.0116	-2.5 to 2.5	Pass
					3.85	-33.360	-0.0191	-2.5 to 2.5	Pass
					4.43	1.059	0.0006	-2.5 to 2.5	Pass
				-30	3.85	-17.653	-0.0101	-2.5 to 2.5	Pass
				-20	3.85	-13.475	-0.0077	-2.5 to 2.5	Pass
				-10	3.85	-20.056	-0.0115	-2.5 to 2.5	Pass
				0	3.85	-35.992	-0.0206	-2.5 to 2.5	Pass
				10	3.85	0.587	0.0003	-2.5 to 2.5	Pass
				30	3.85	-9.885	-0.0057	-2.5 to 2.5	Pass
				40	3.85	-3.405	-0.0020	-2.5 to 2.5	Pass
	50	3.85	17.681	0.0101	-2.5 to 2.5	Pass			
	1770	100	0	20	3.27	27.094	0.0153	-2.5 to 2.5	Pass

					3.85	41.800	0.0236	-2.5 to 2.5	Pass
					4.43	16.193	0.0091	-2.5 to 2.5	Pass
				-30	3.85	27.981	0.0158	-2.5 to 2.5	Pass
				-20	3.85	37.308	0.0211	-2.5 to 2.5	Pass
				-10	3.85	23.632	0.0134	-2.5 to 2.5	Pass
				0	3.85	-2.761	-0.0016	-2.5 to 2.5	Pass
				10	3.85	5.622	0.0032	-2.5 to 2.5	Pass
				30	3.85	15.063	0.0085	-2.5 to 2.5	Pass
				40	3.85	23.775	0.0134	-2.5 to 2.5	Pass
				50	3.85	6.137	0.0035	-2.5 to 2.5	Pass

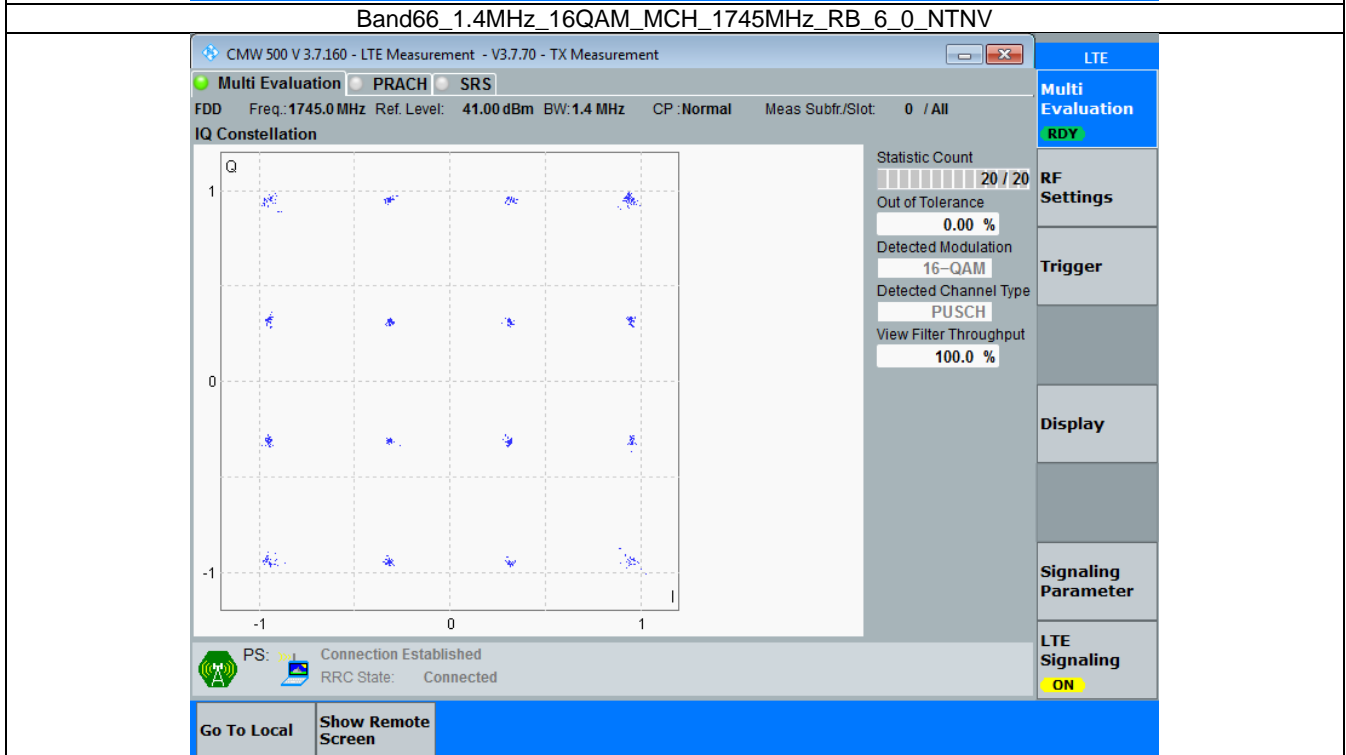
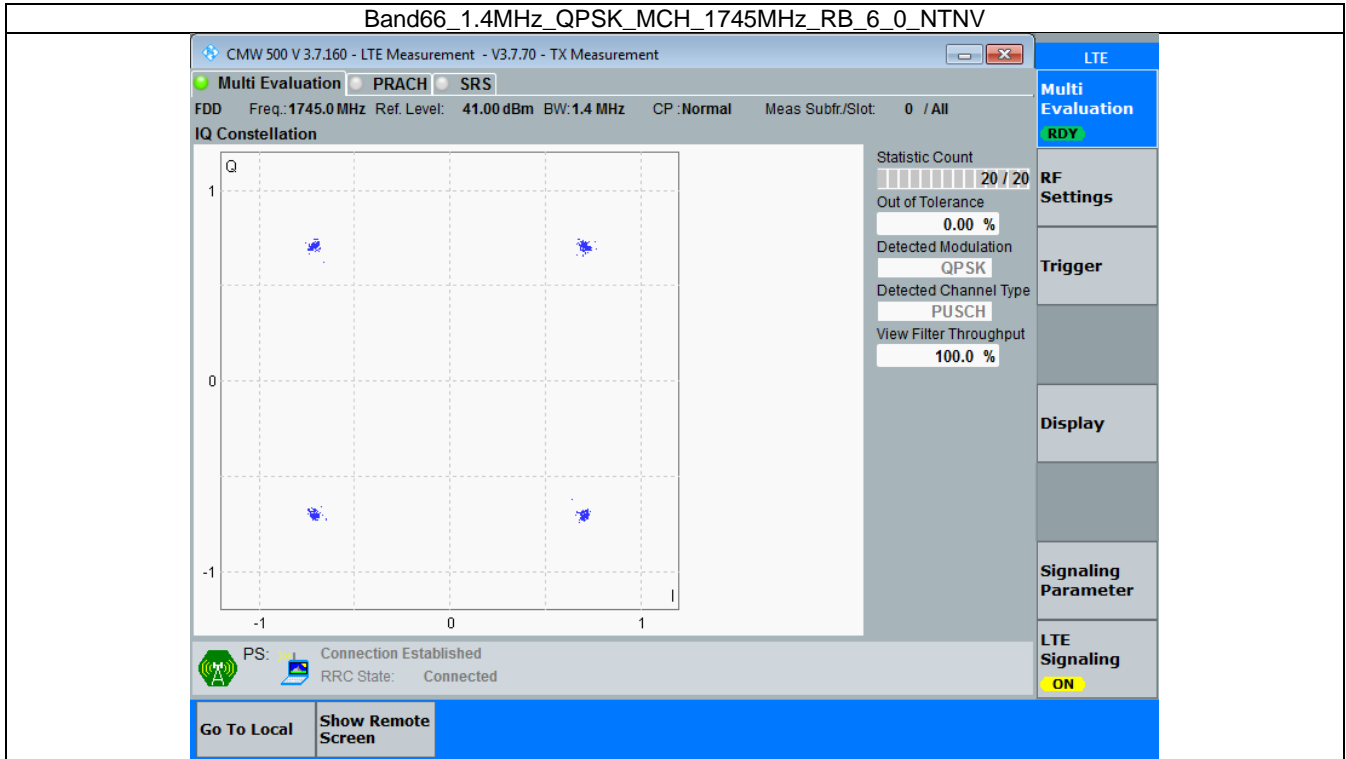
3. Modulation Characteristics

3.1 B66_1.4MHz

3.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	6	0	Refer To Test Graph		Pass
16QAM	1745	6	0	Refer To Test Graph		Pass

3.1.2 Test Graph

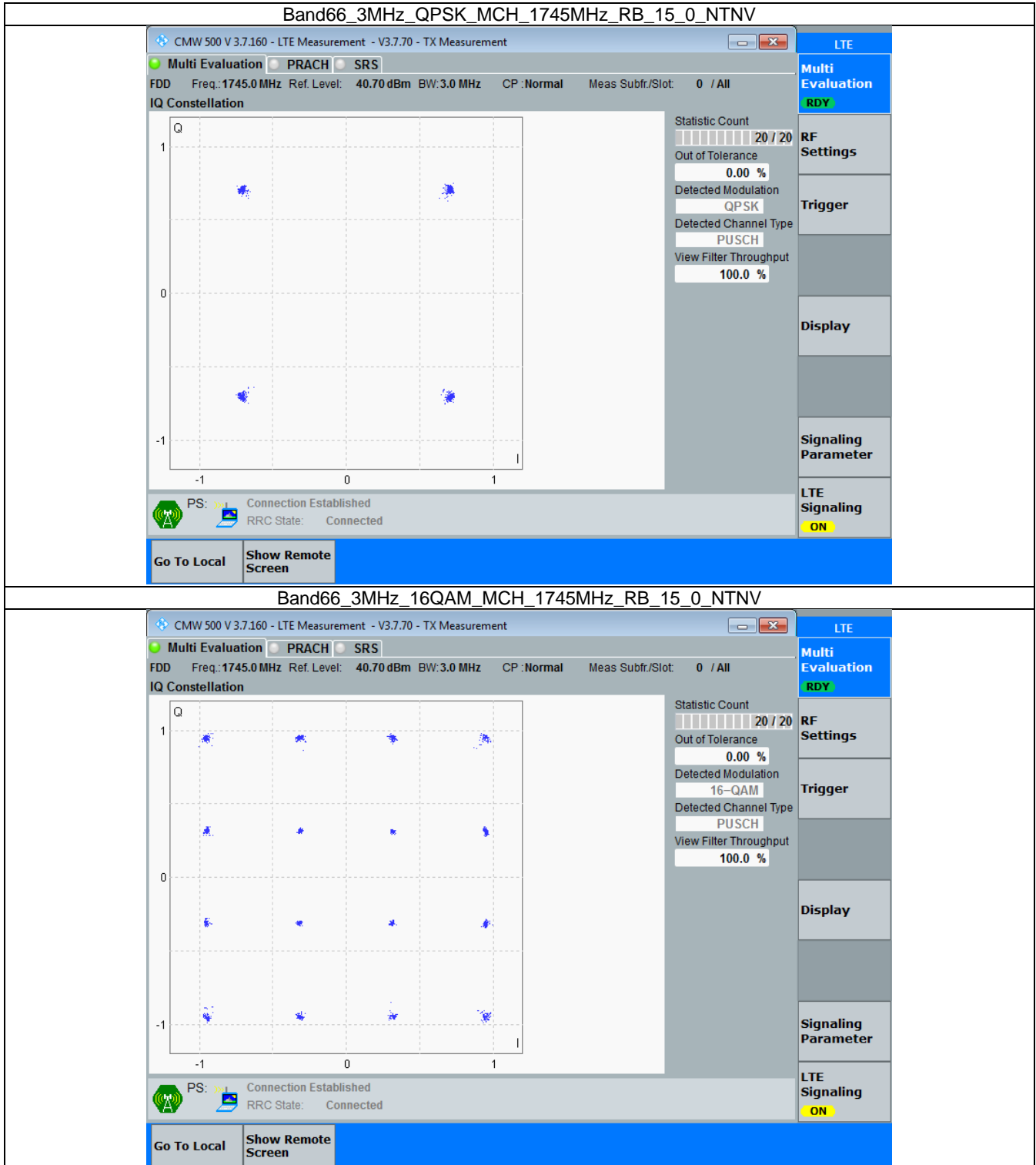


3.2 B66_3MHz

3.2.1 Test Result

Band: 66 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	15	0	Refer To Test Graph		Pass
16QAM	1745	15	0	Refer To Test Graph		Pass

3.2.2 Test Graph

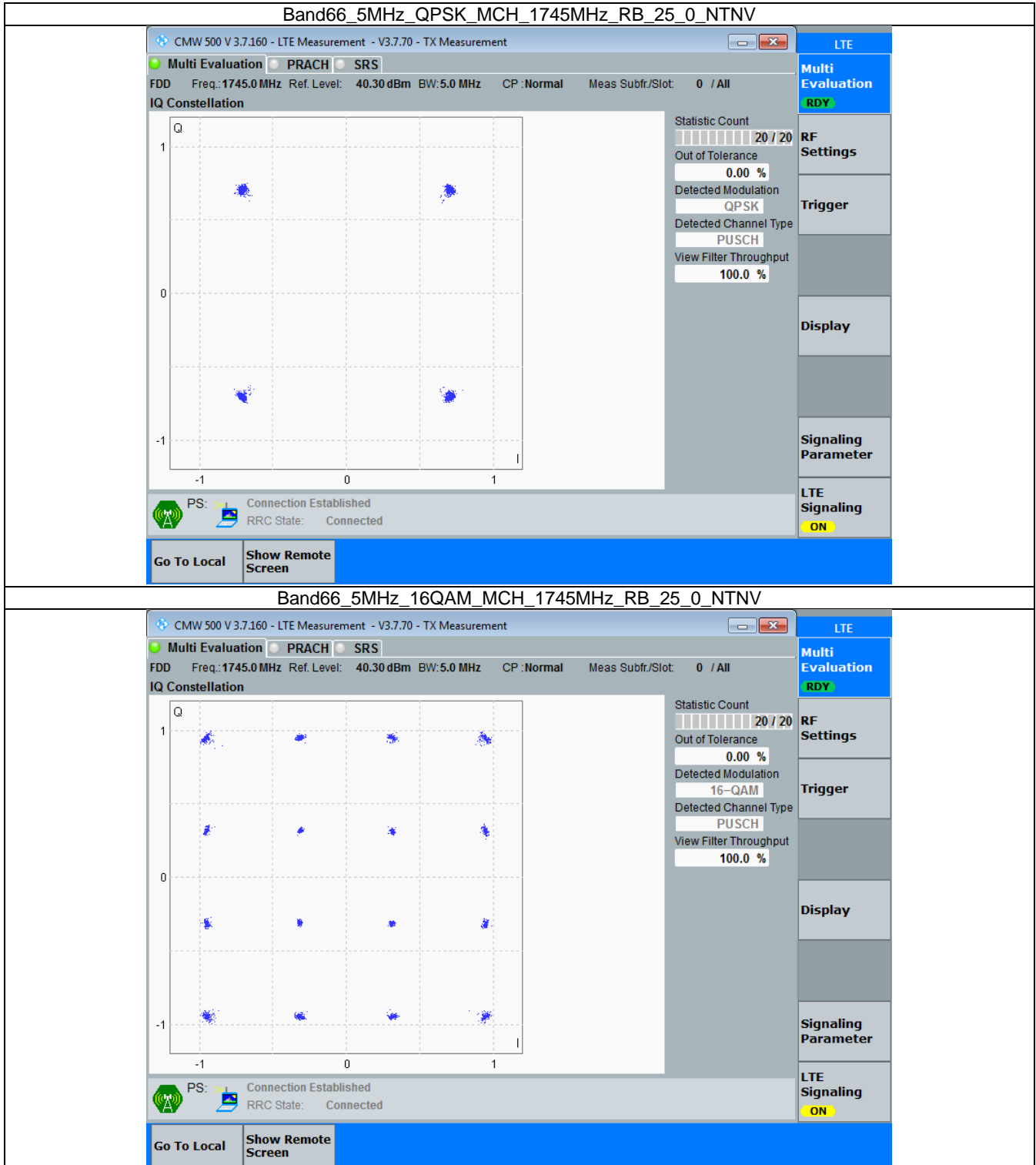


3.3 B66_5MHz

3.3.1 Test Result

Band: 66 / Bandwidth: 5MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	25	0	Refer To Test Graph		Pass
16QAM	1745	25	0	Refer To Test Graph		Pass

3.3.2 Test Graph

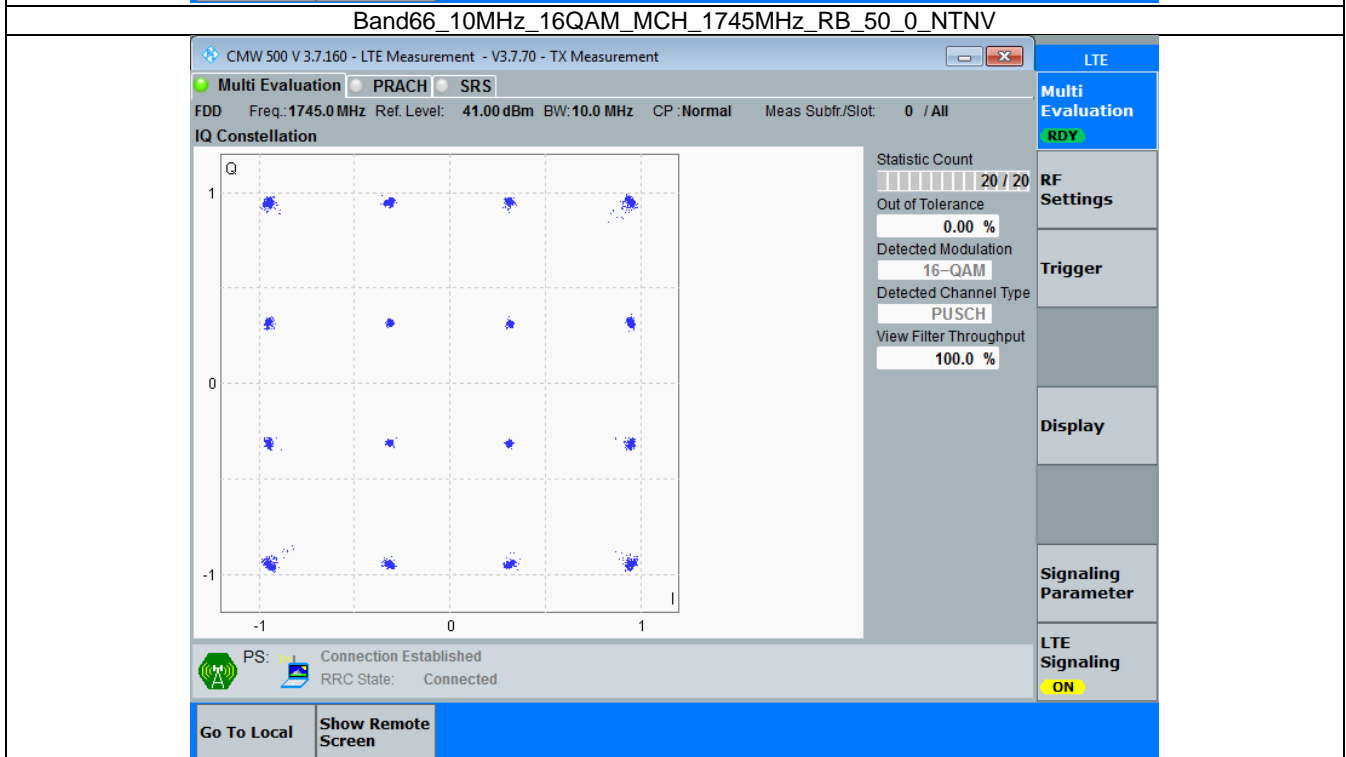
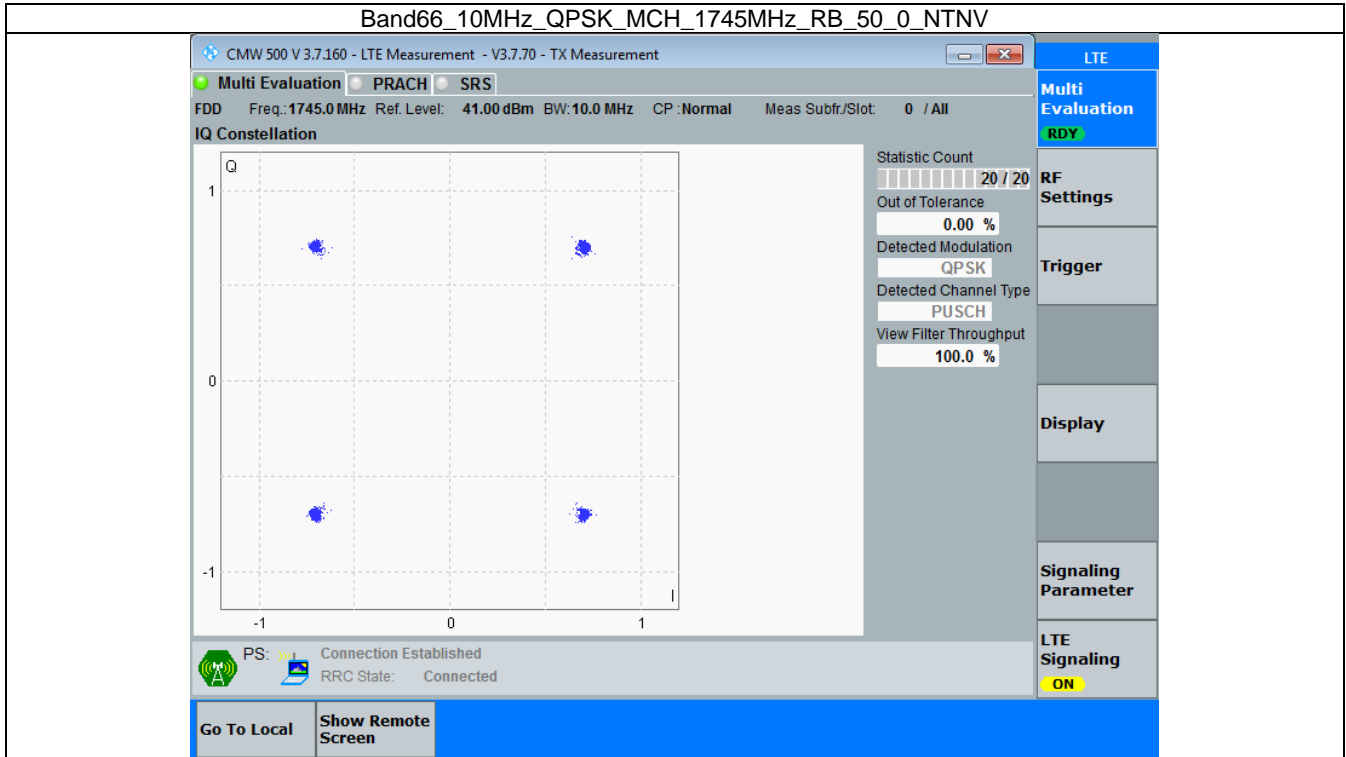


3.4 B66_10MHz

3.4.1 Test Result

Band: 66 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	50	0	Refer To Test Graph		Pass
16QAM	1745	50	0	Refer To Test Graph		Pass

3.4.2 Test Graph

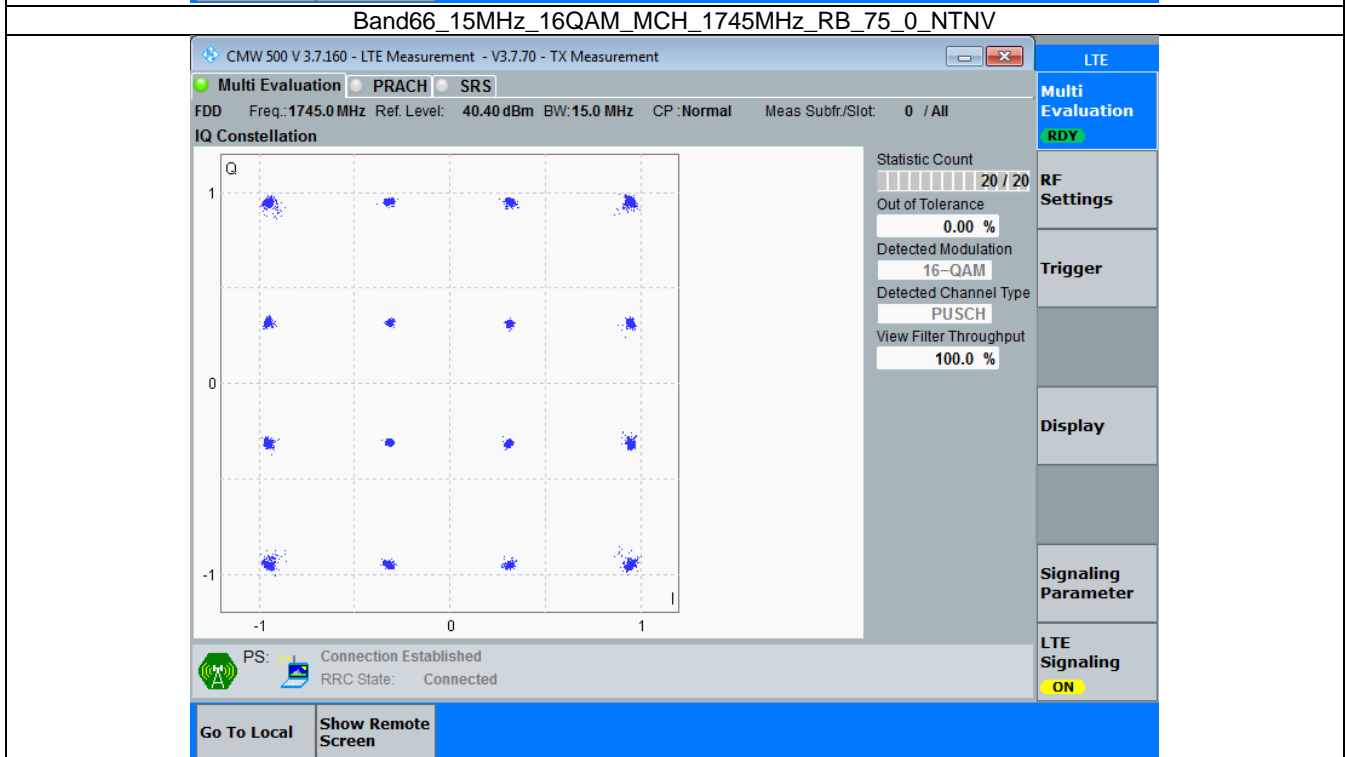
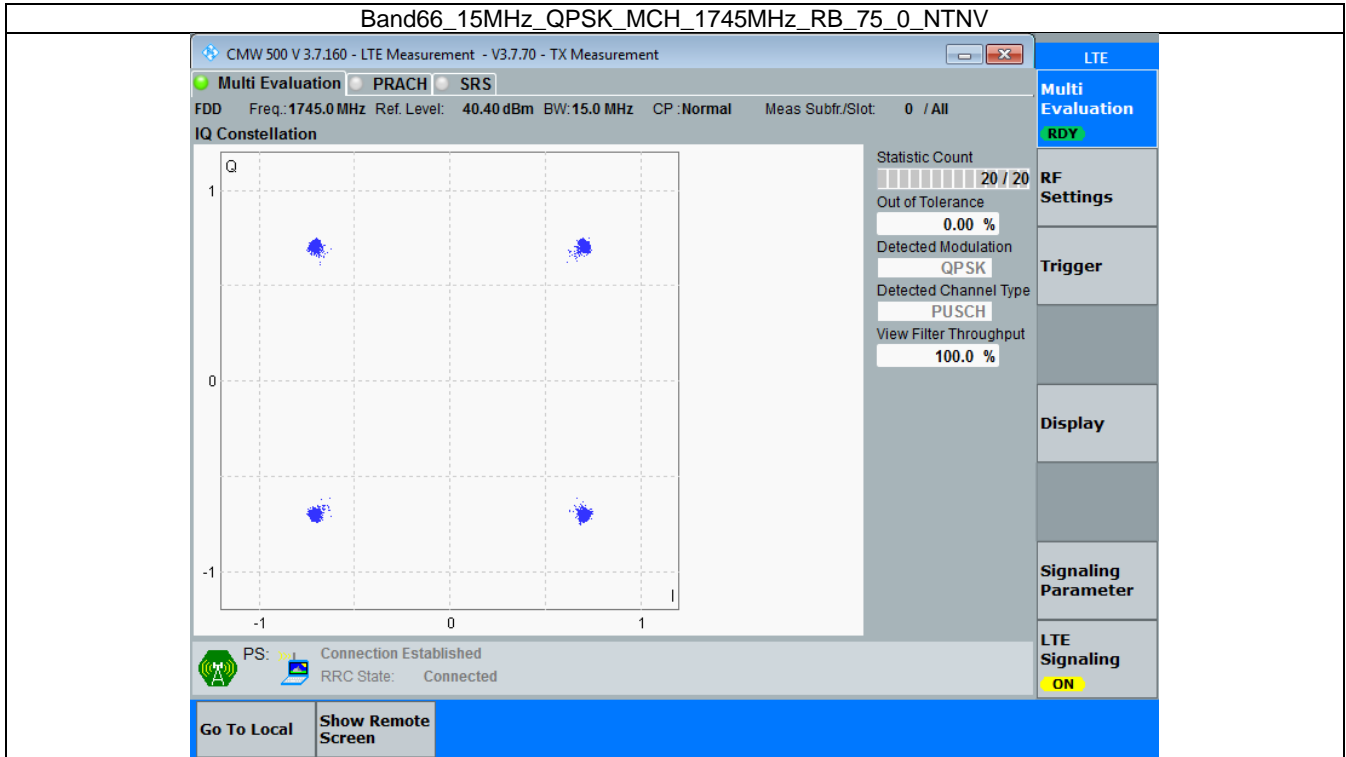


3.5 B66_15MHz

3.5.1 Test Result

Band: 66 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.5.2 Test Graph

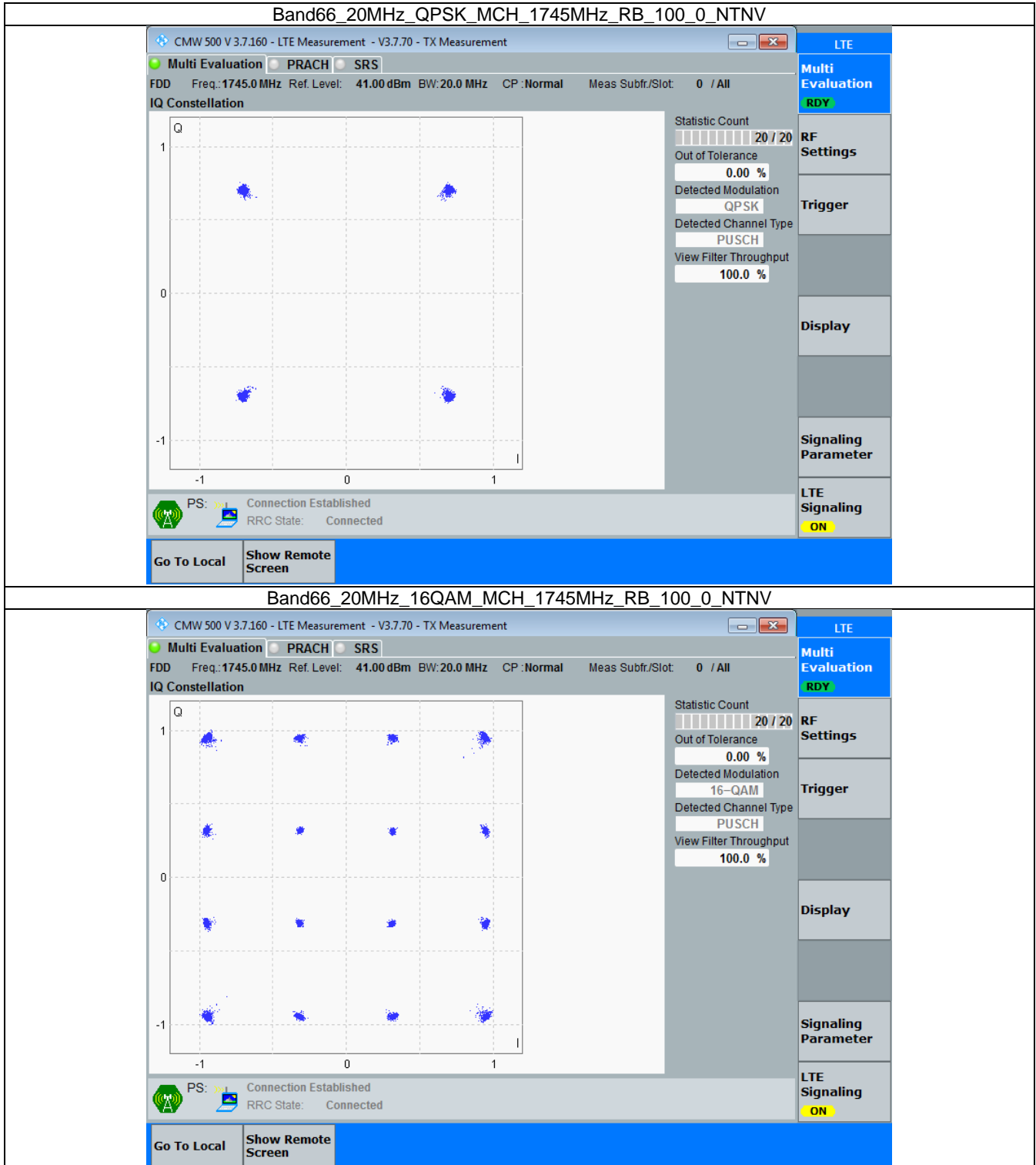


3.6 B66_20MHz

3.6.1 Test Result

Band: 66 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.6.2 Test Graph



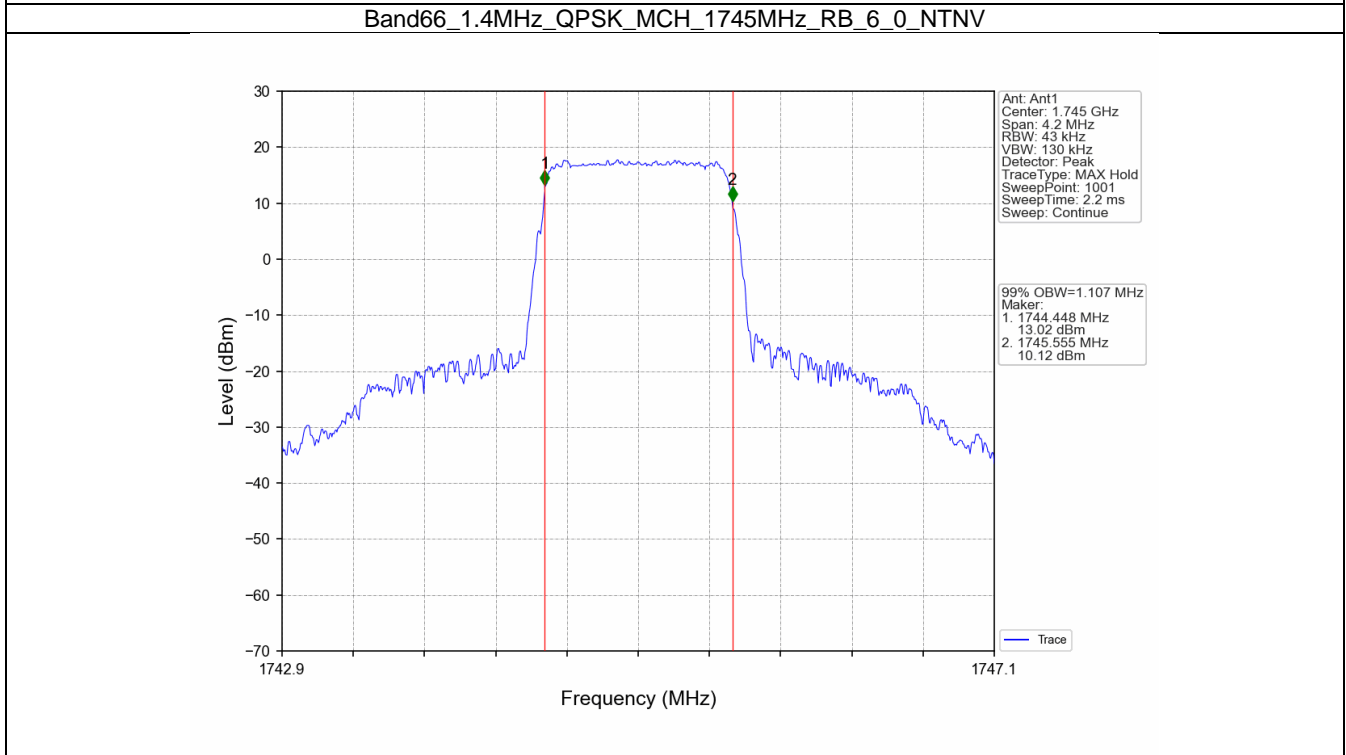
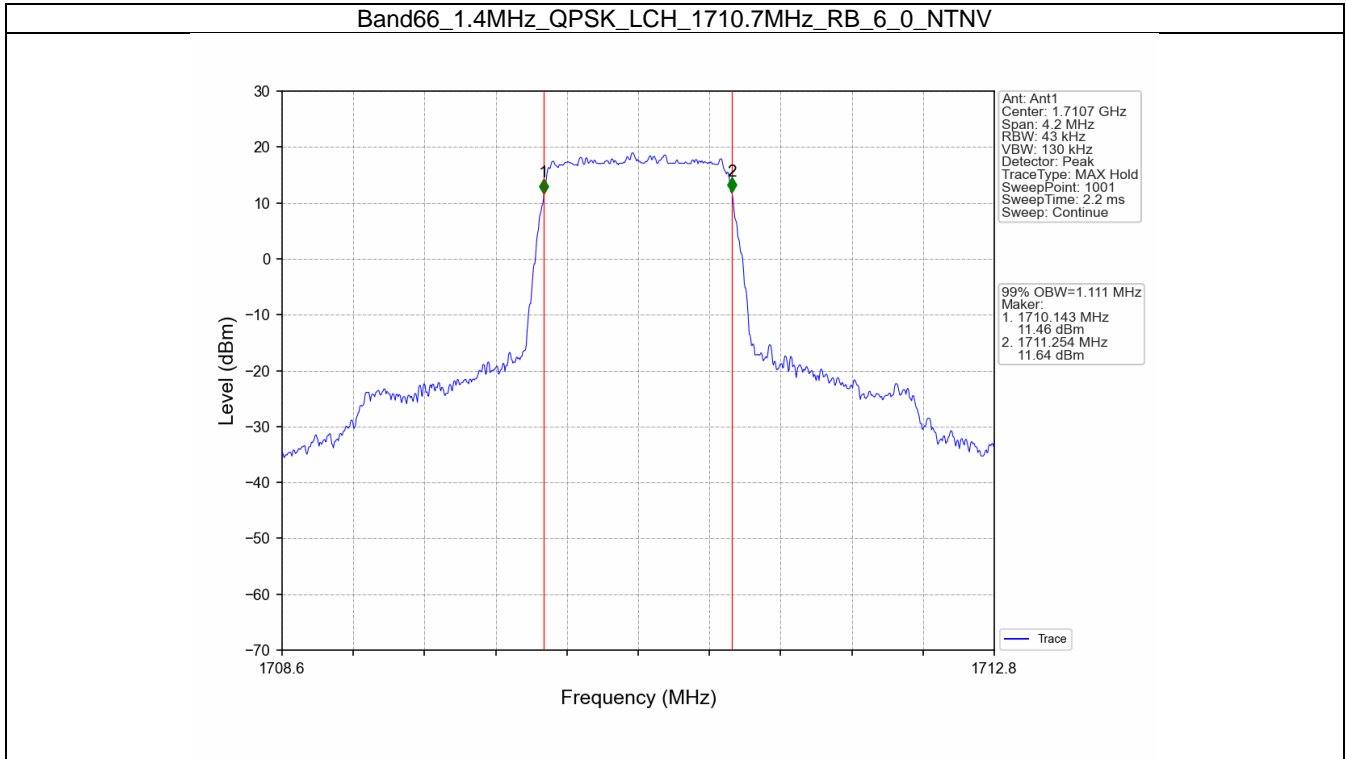
4. 99% & 26dB Bandwidth

4.1 Band66_OBW

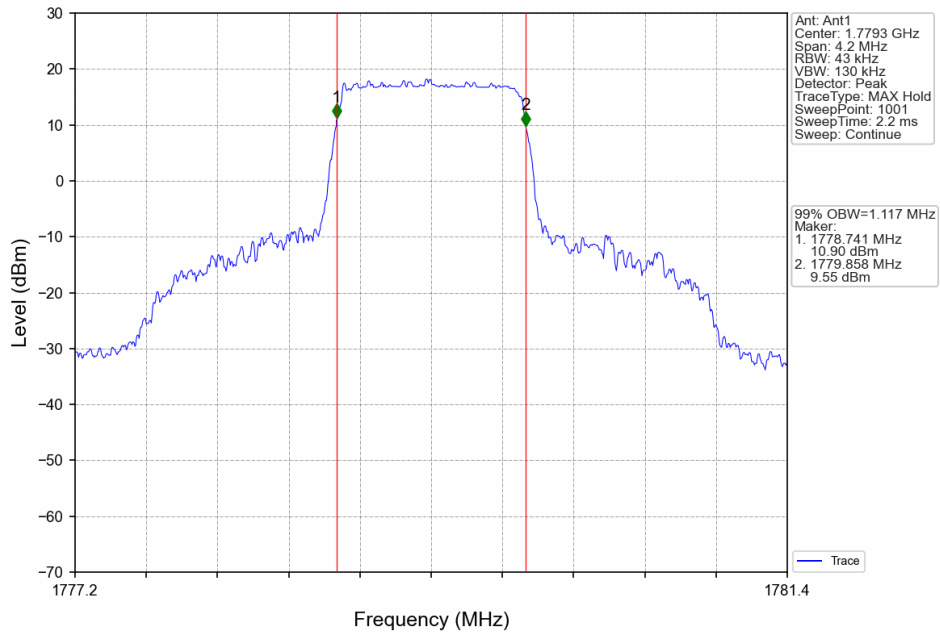
4.1.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.111	Pass
		1745	6	0	1.107	Pass
		1779.3	6	0	1.117	Pass
	16QAM	1710.7	6	0	1.110	Pass
		1745	6	0	1.122	Pass
		1779.3	6	0	1.116	Pass
3	QPSK	1711.5	15	0	2.762	Pass
		1745	15	0	2.754	Pass
		1778.5	15	0	2.781	Pass
	16QAM	1711.5	15	0	2.770	Pass
		1745	15	0	2.751	Pass
		1778.5	15	0	2.784	Pass
5	QPSK	1712.5	25	0	4.563	Pass
		1745	25	0	4.562	Pass
		1777.5	25	0	4.557	Pass
	16QAM	1712.5	25	0	4.557	Pass
		1745	25	0	4.575	Pass
		1777.5	25	0	4.594	Pass
10	QPSK	1715	50	0	9.078	Pass
		1745	50	0	9.062	Pass
		1775	50	0	9.128	Pass
	16QAM	1715	50	0	9.057	Pass
		1745	50	0	9.057	Pass
		1775	50	0	9.103	Pass
15	QPSK	1717.5	75	0	13.594	Pass
		1745	75	0	13.599	Pass
		1772.5	75	0	13.642	Pass
	16QAM	1717.5	75	0	13.579	Pass
		1745	75	0	13.619	Pass
		1772.5	75	0	13.664	Pass
20	QPSK	1720	100	0	18.111	Pass
		1745	100	0	18.161	Pass
		1770	100	0	18.172	Pass
	16QAM	1720	100	0	18.171	Pass
		1745	100	0	18.163	Pass
		1770	100	0	18.142	Pass

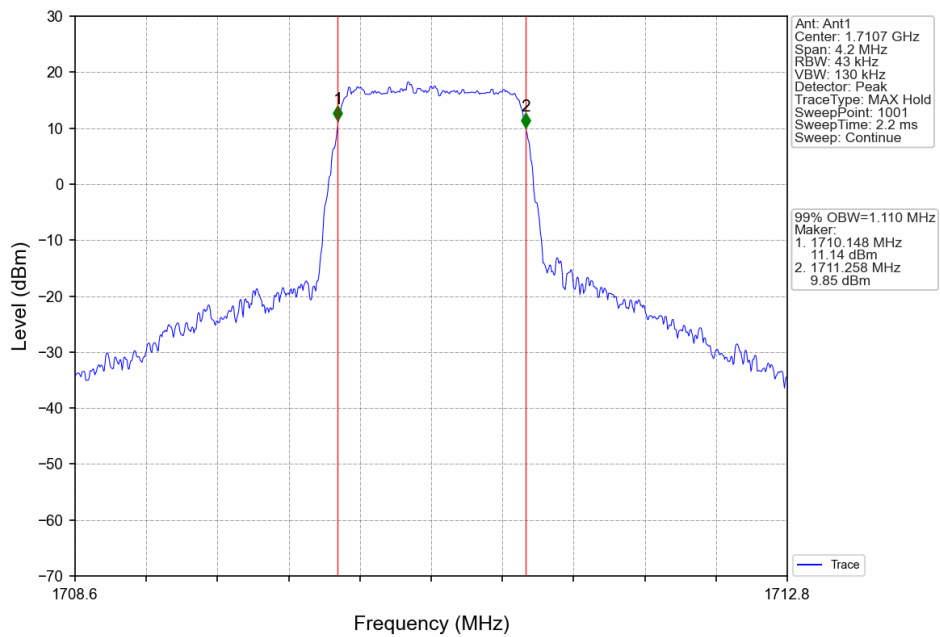
4.1.2 Test Graph



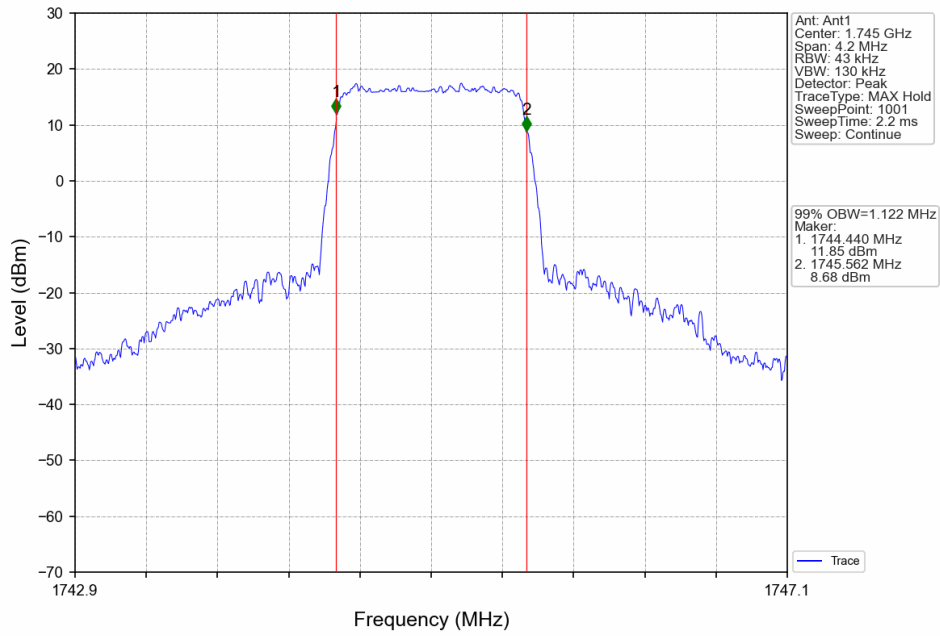
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



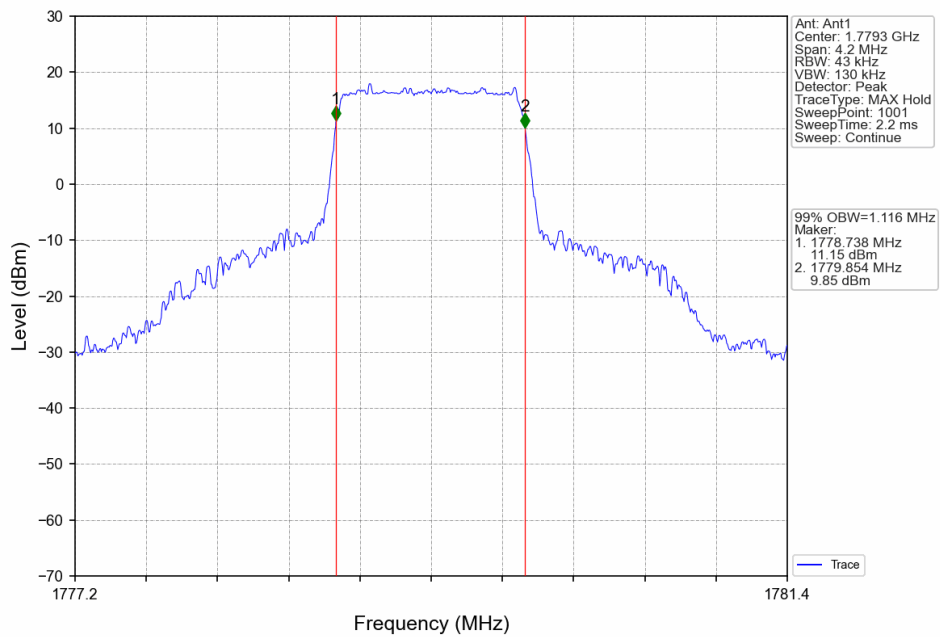
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



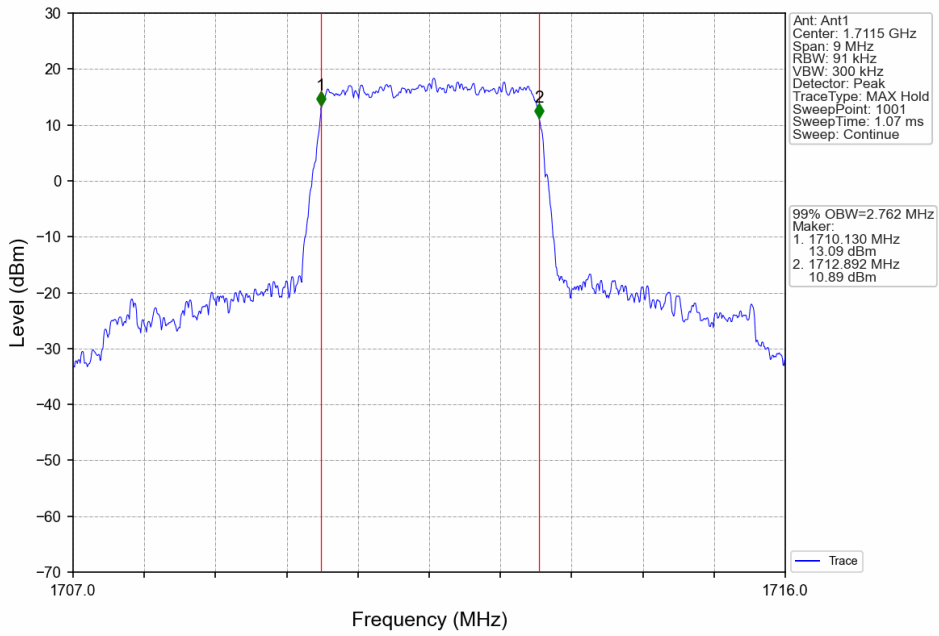
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



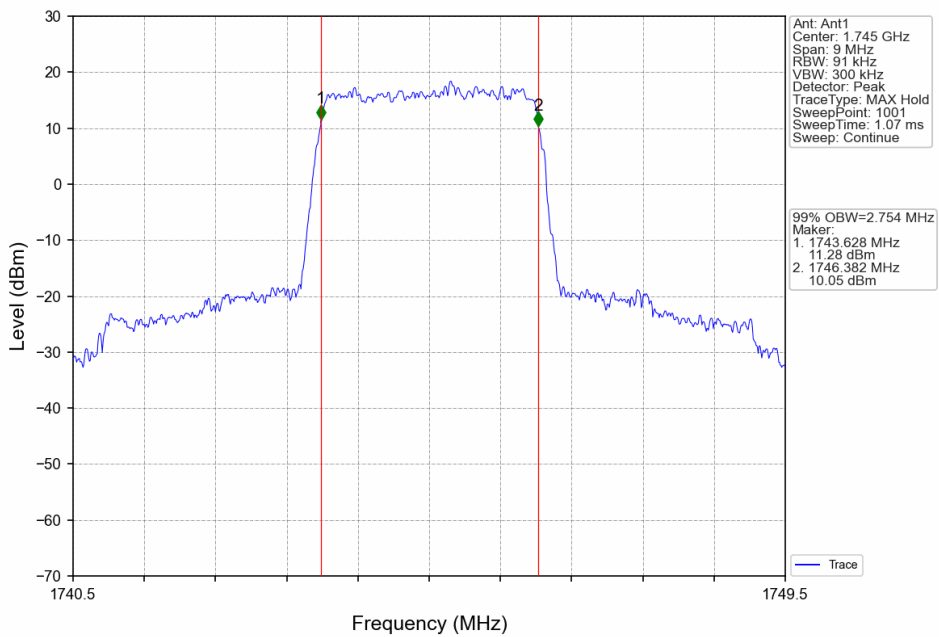
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



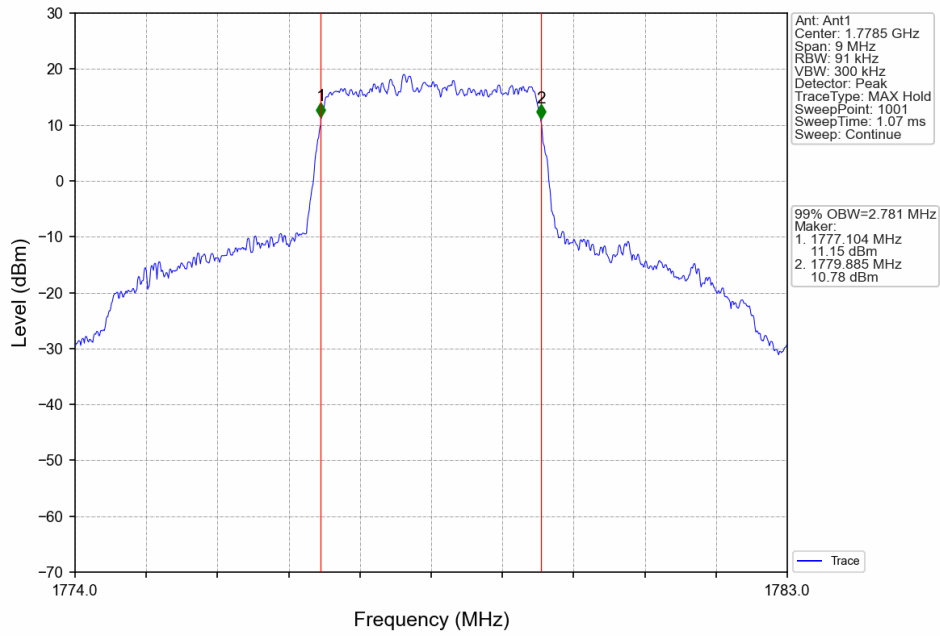
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



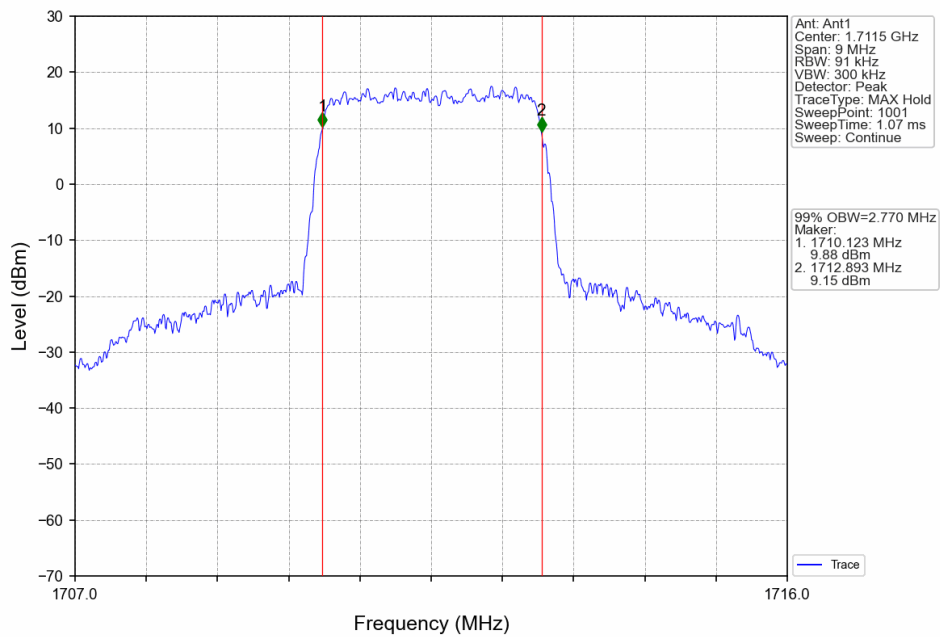
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



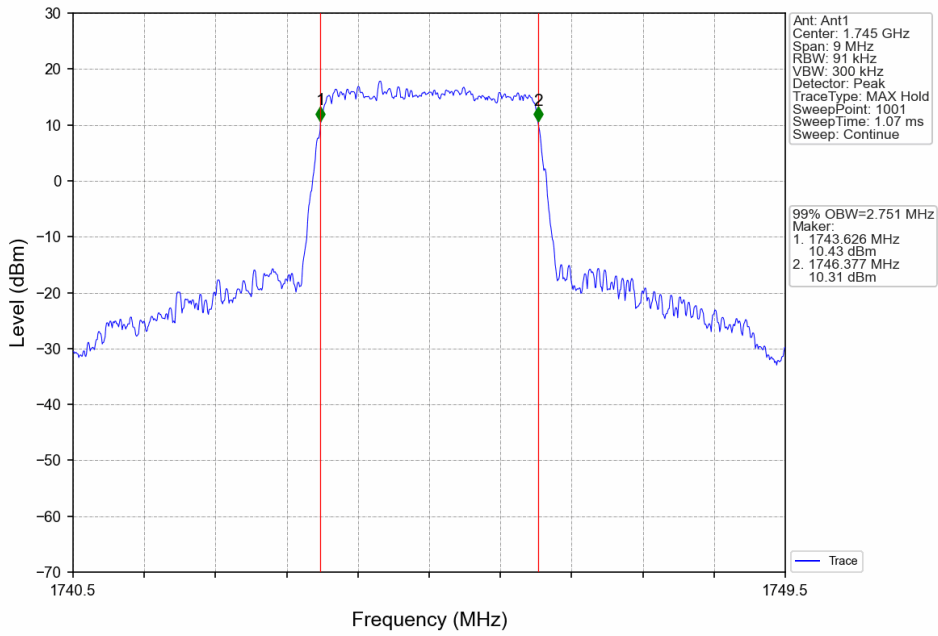
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



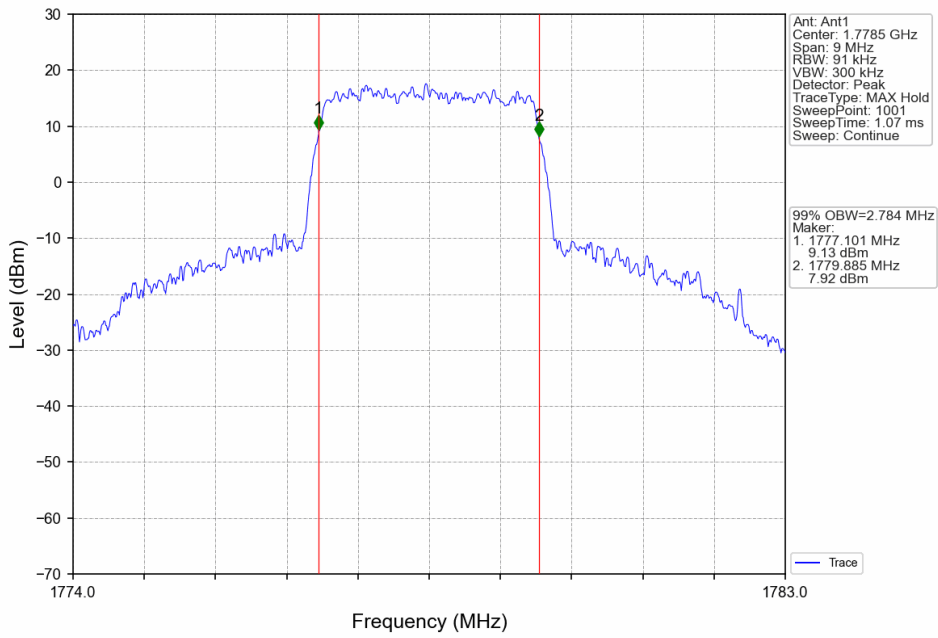
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



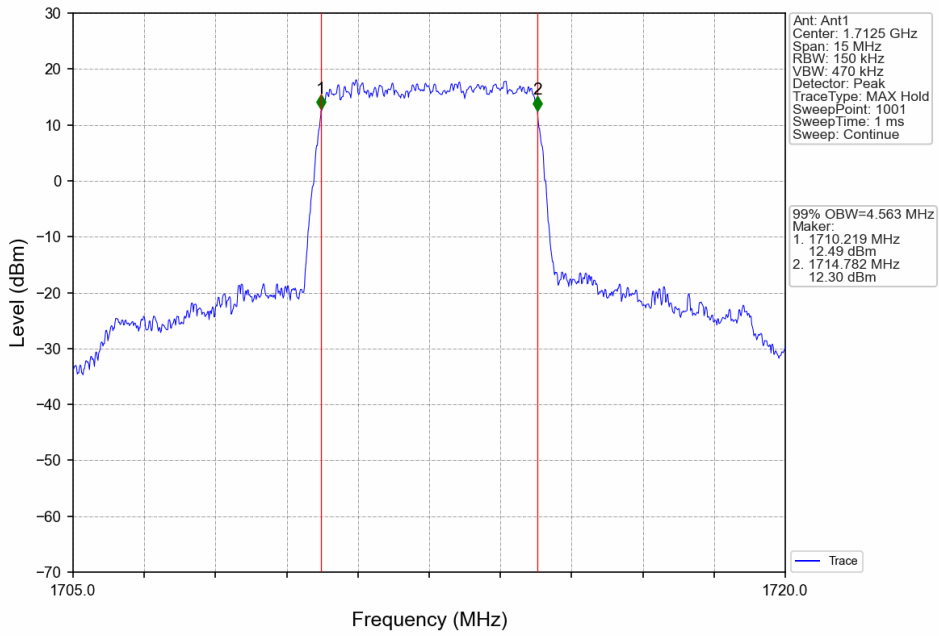
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



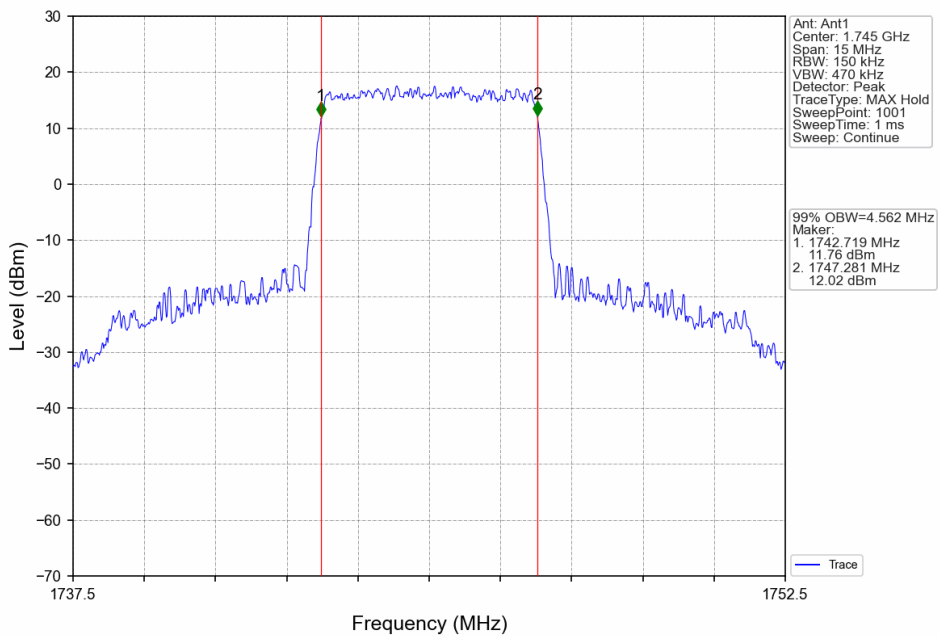
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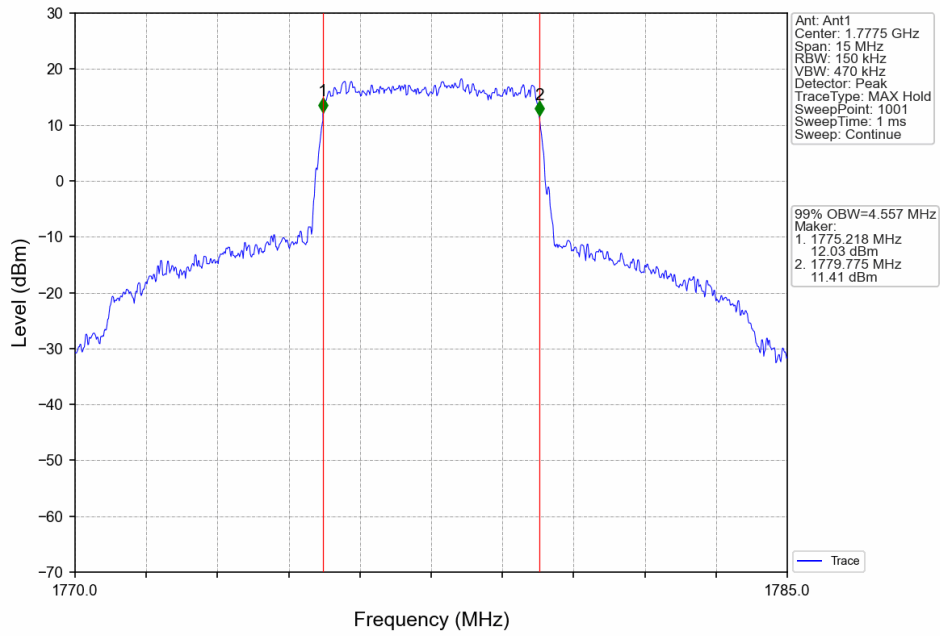
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



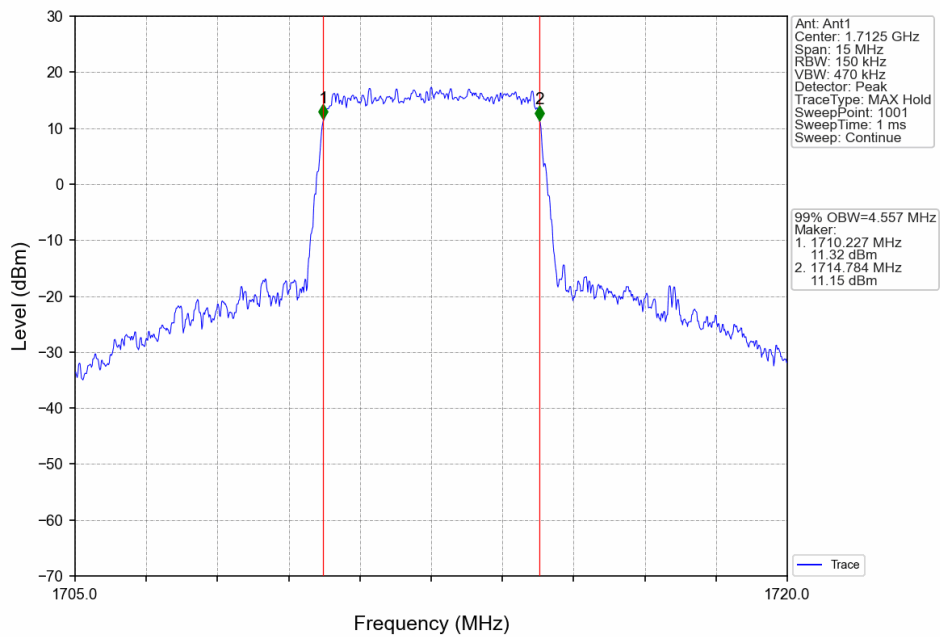
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



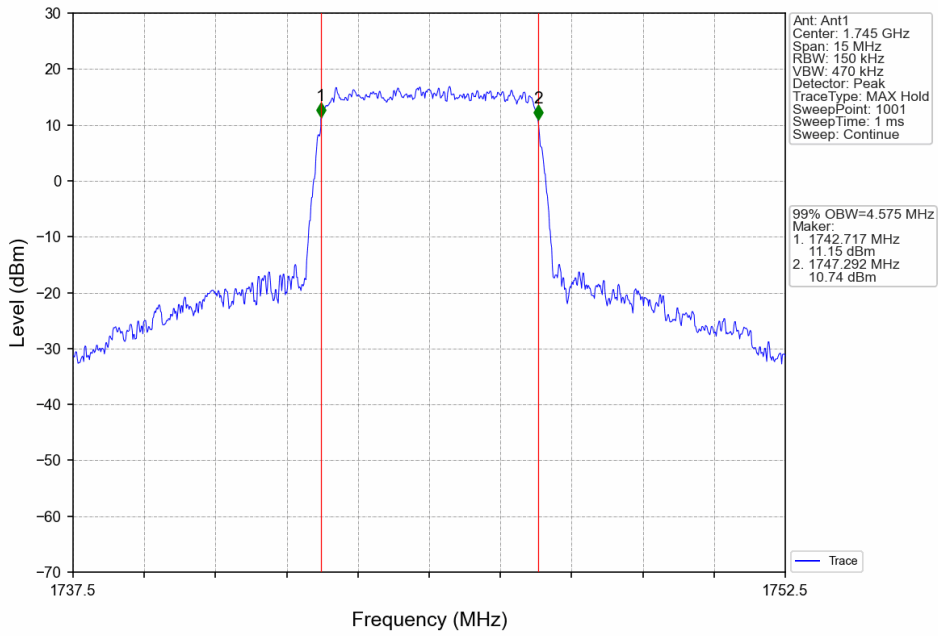
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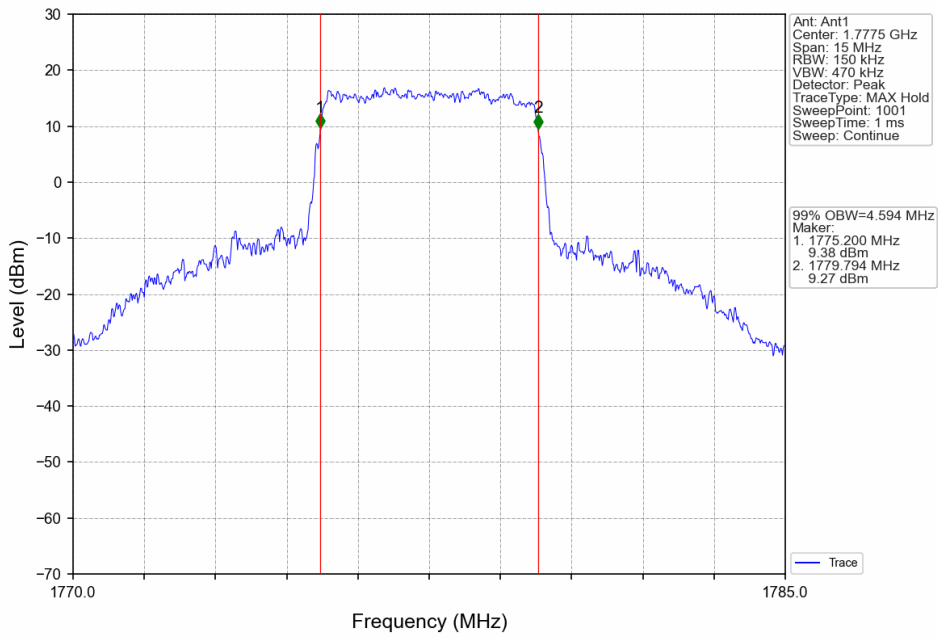
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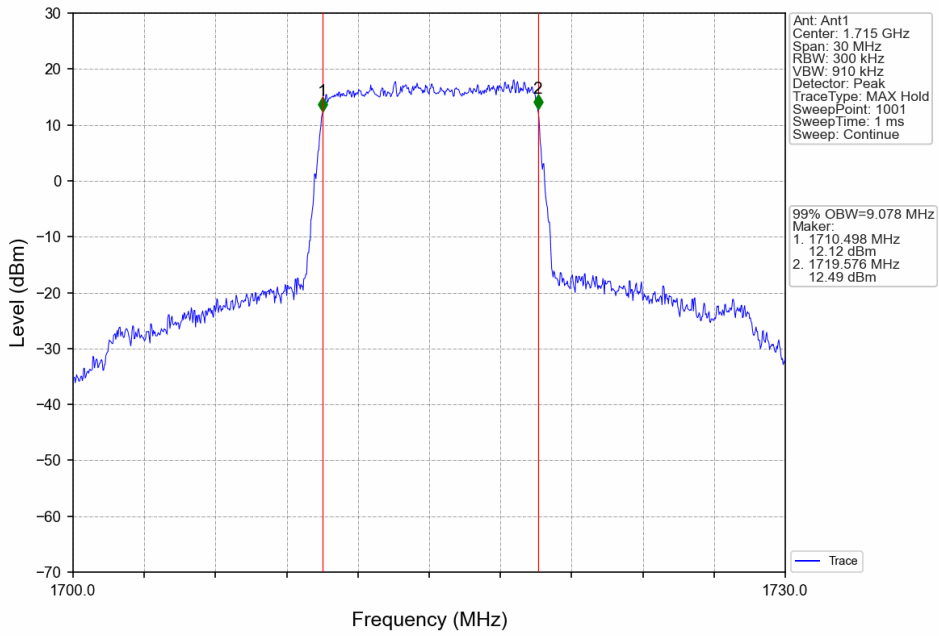
Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



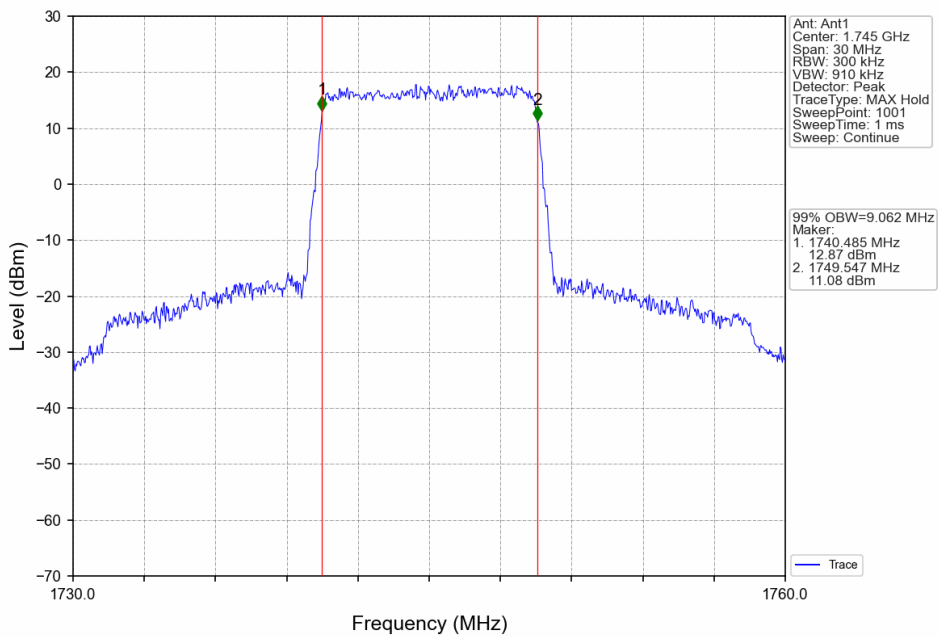
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



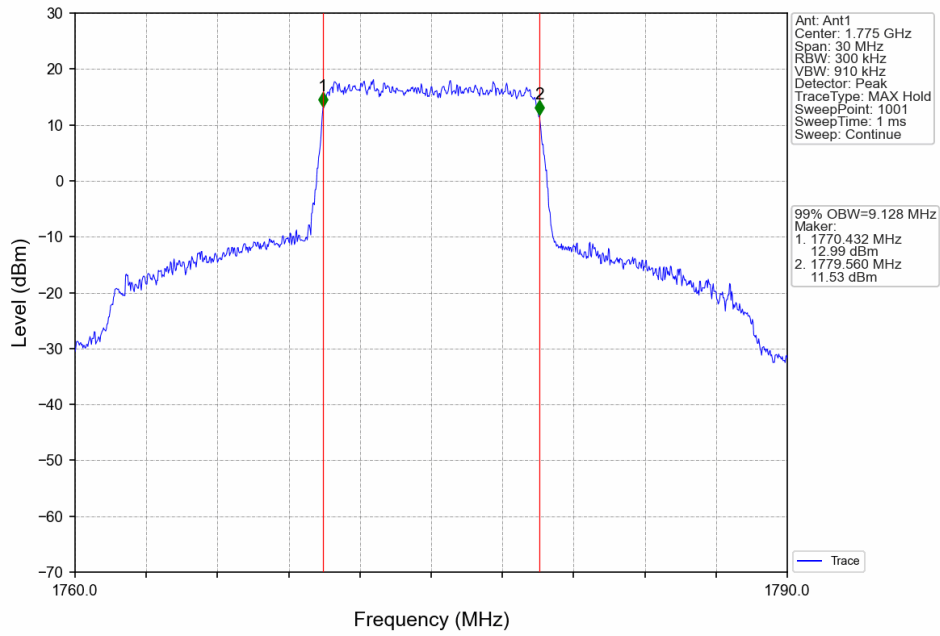
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



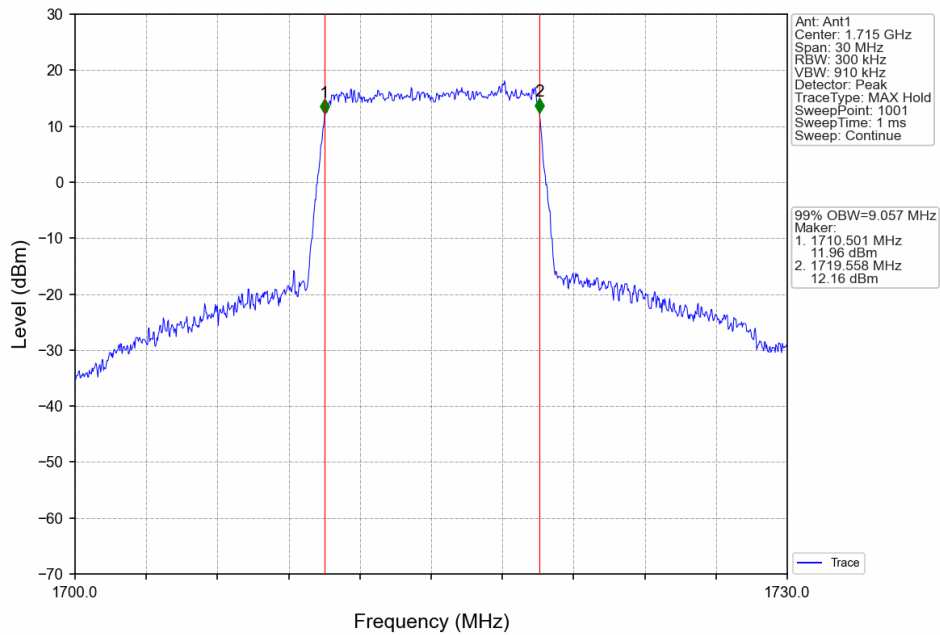
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



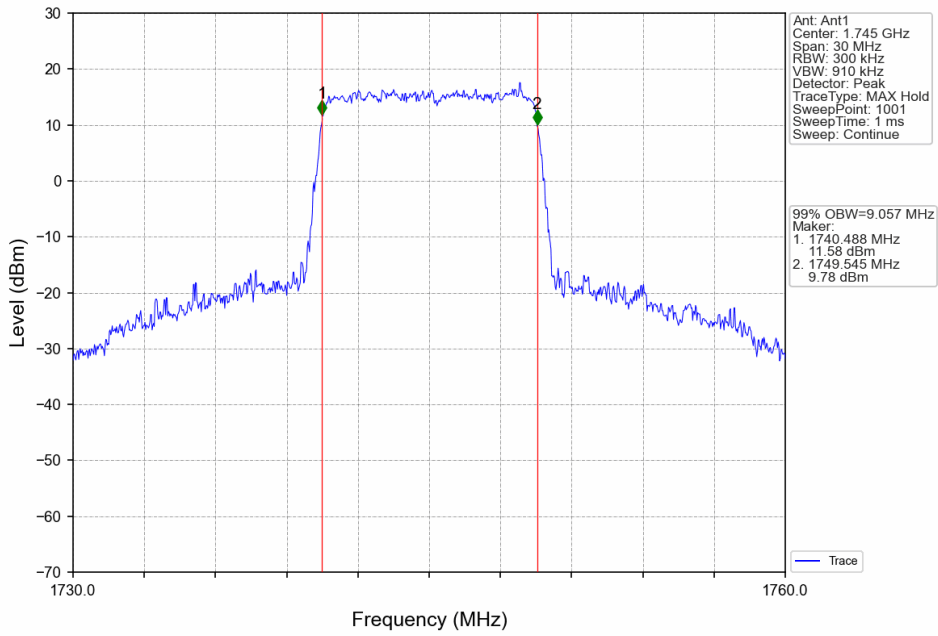
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



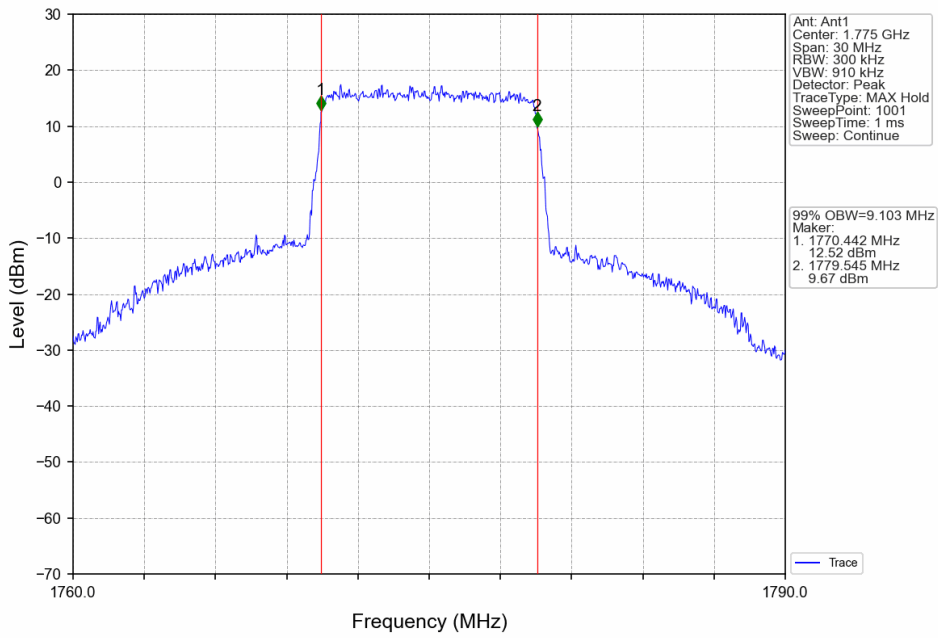
Band66_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



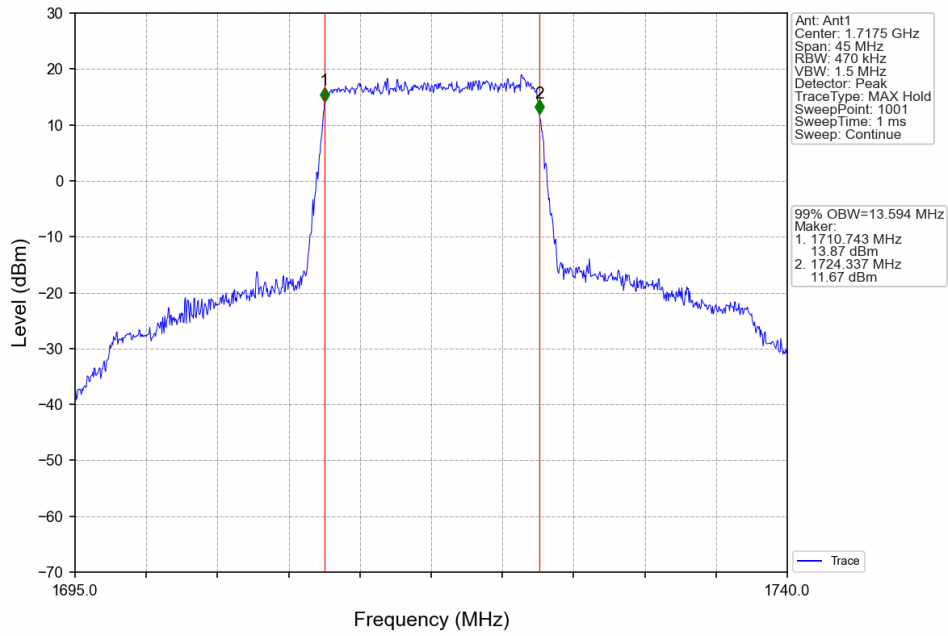
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



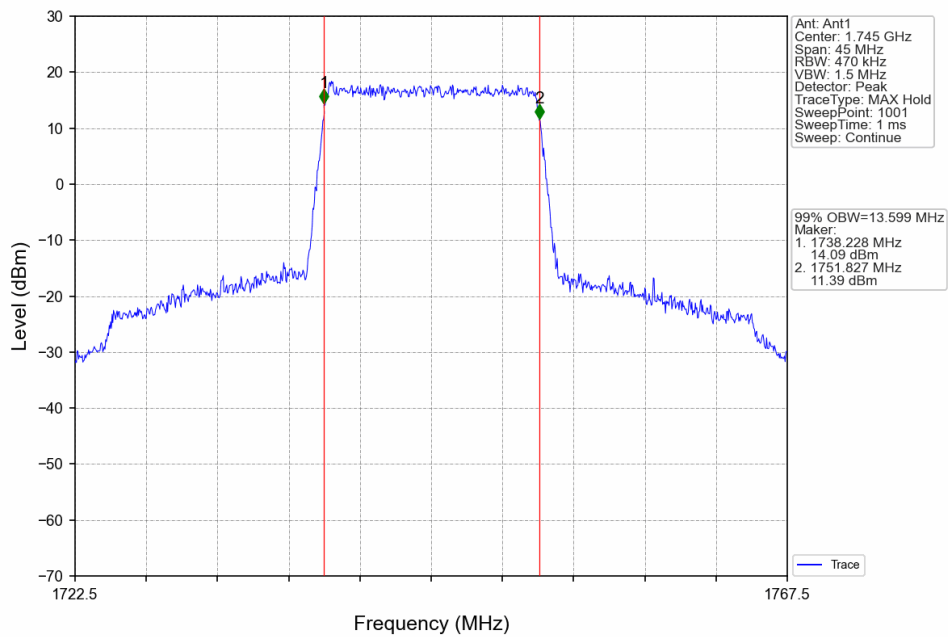
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



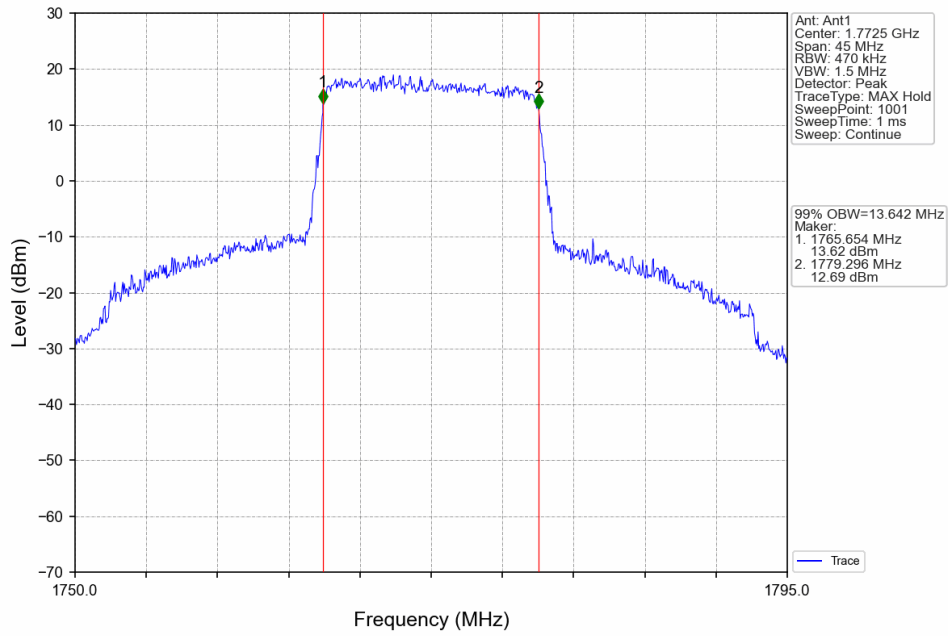
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



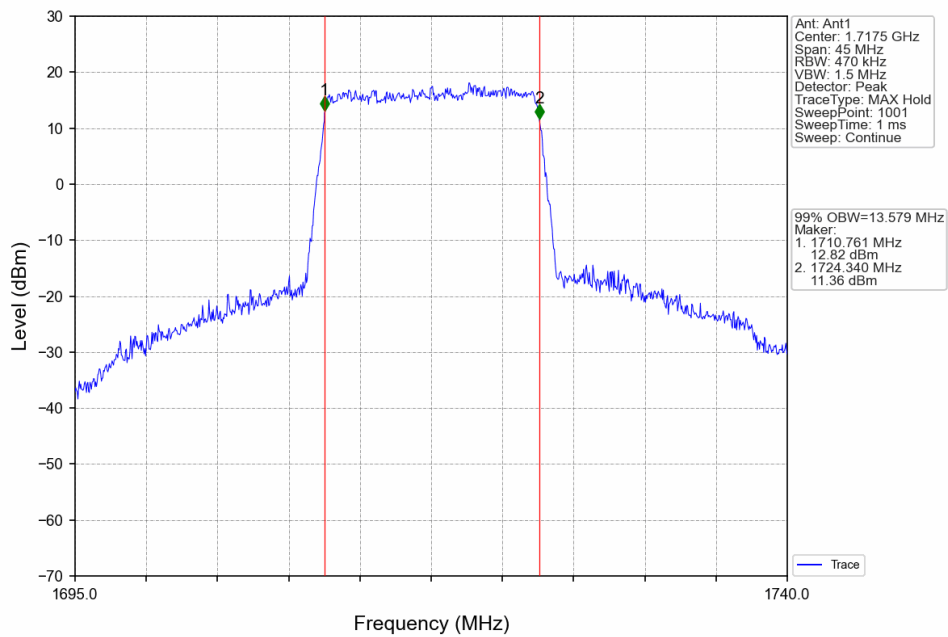
Band66_15MHz_QPSK_MCH_1745MHz_RB_75_0_NTNV



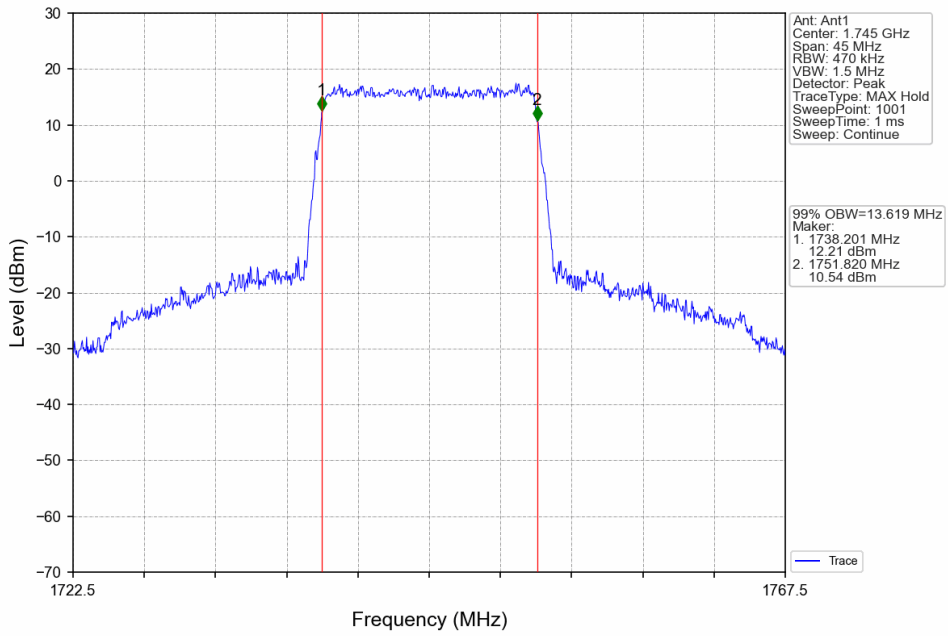
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



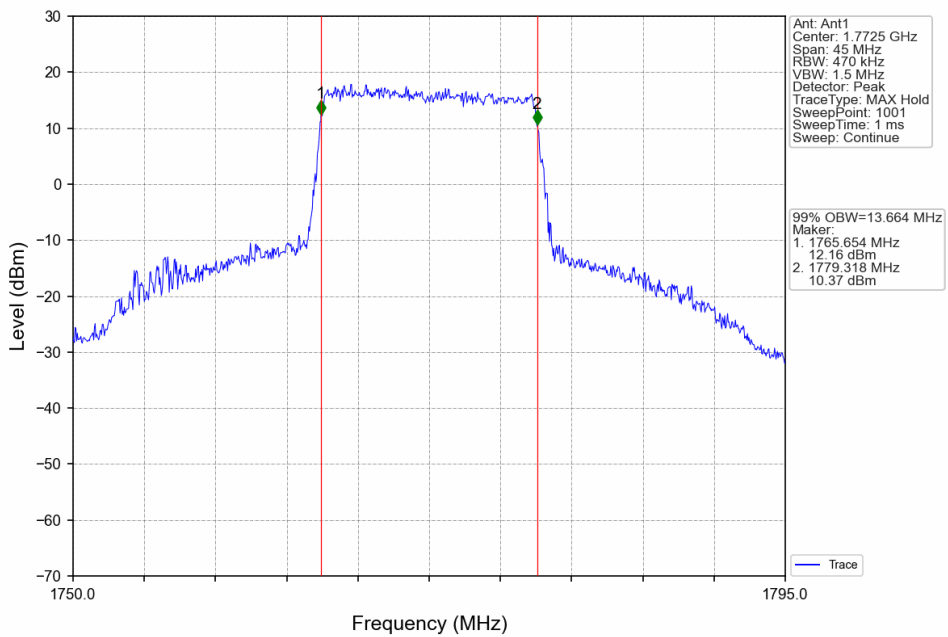
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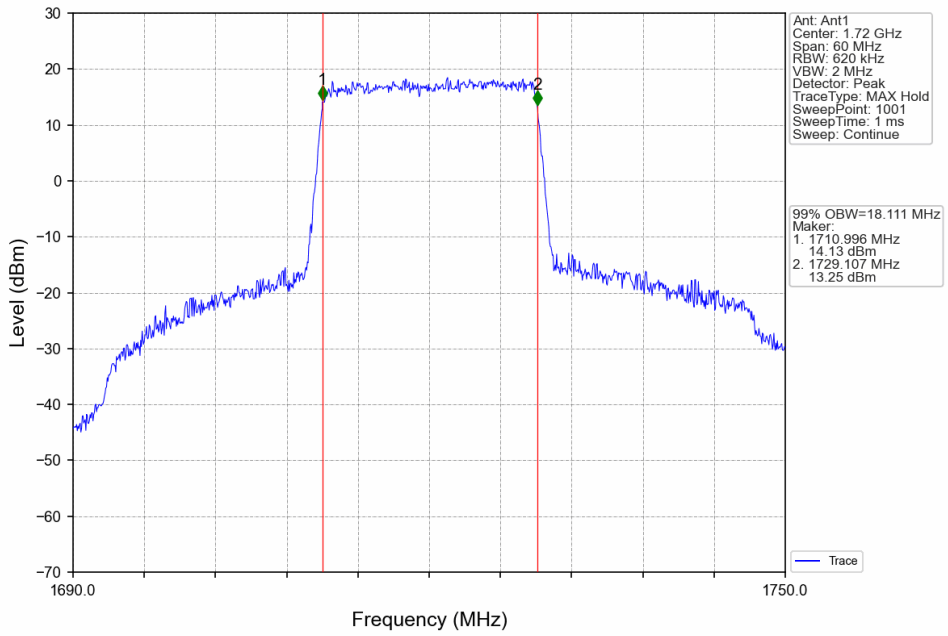
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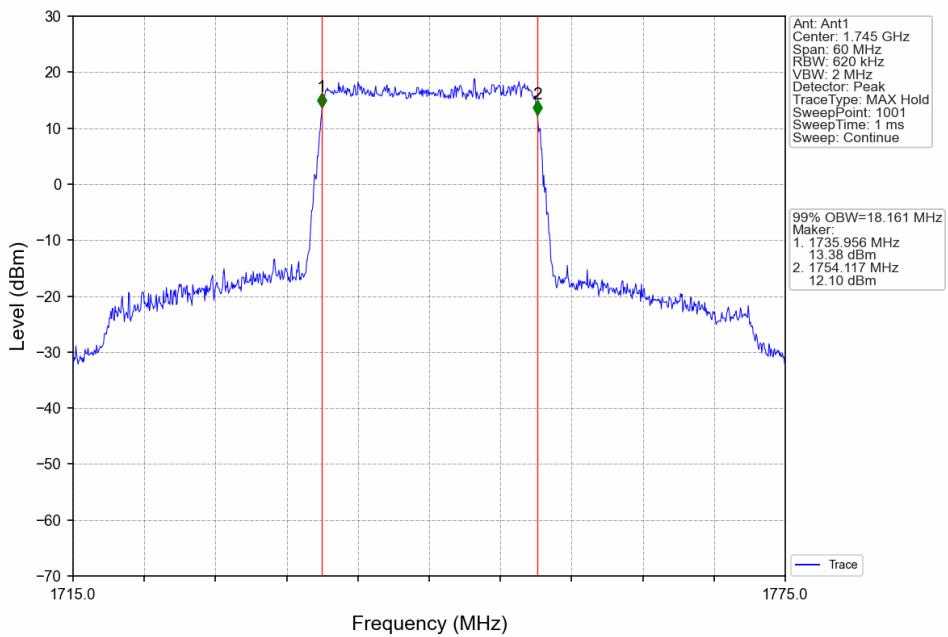
Band66_15MHz_16QAM_HCH_1772.5MHz_RB_75_0_NTNV



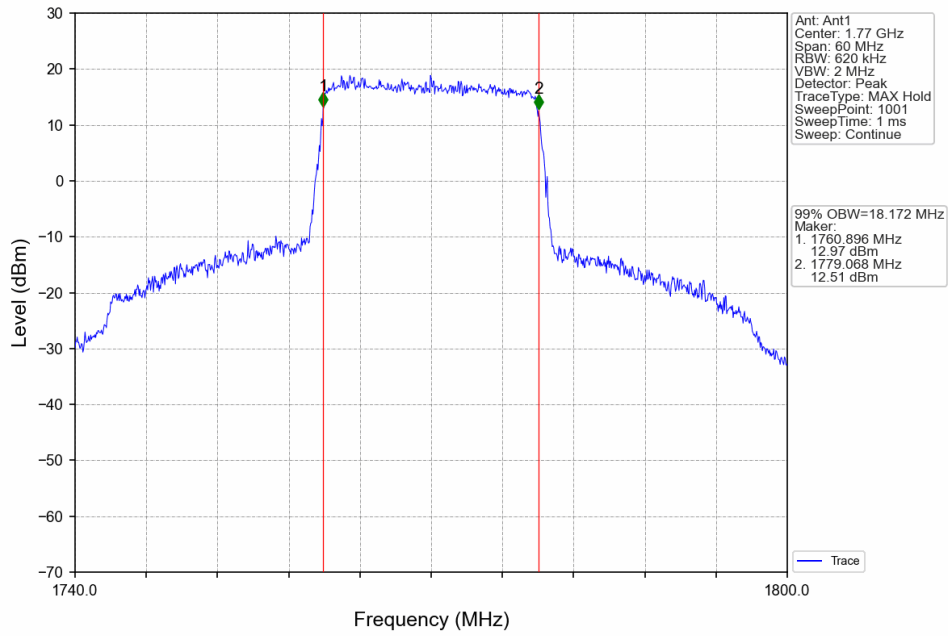
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



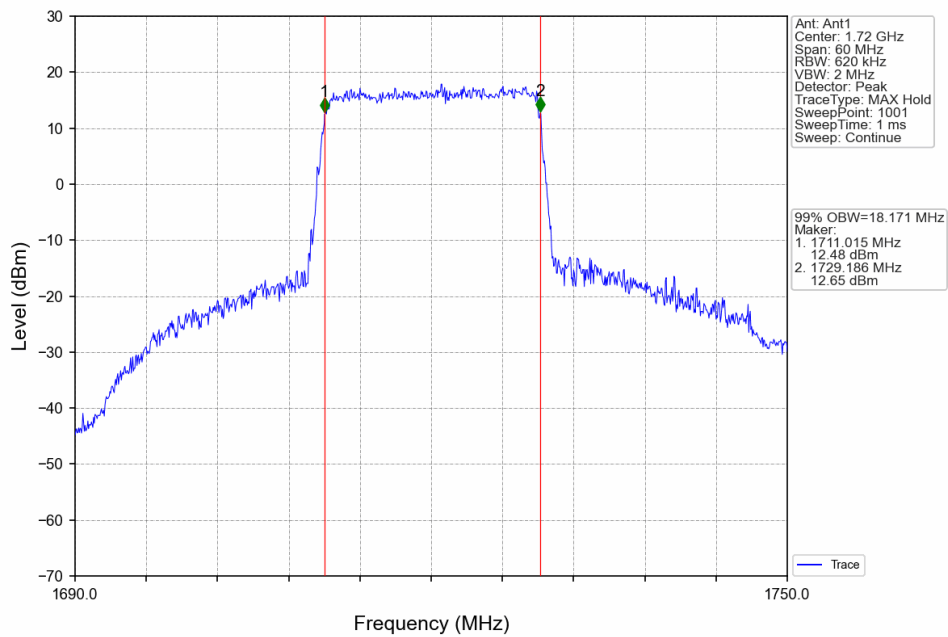
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



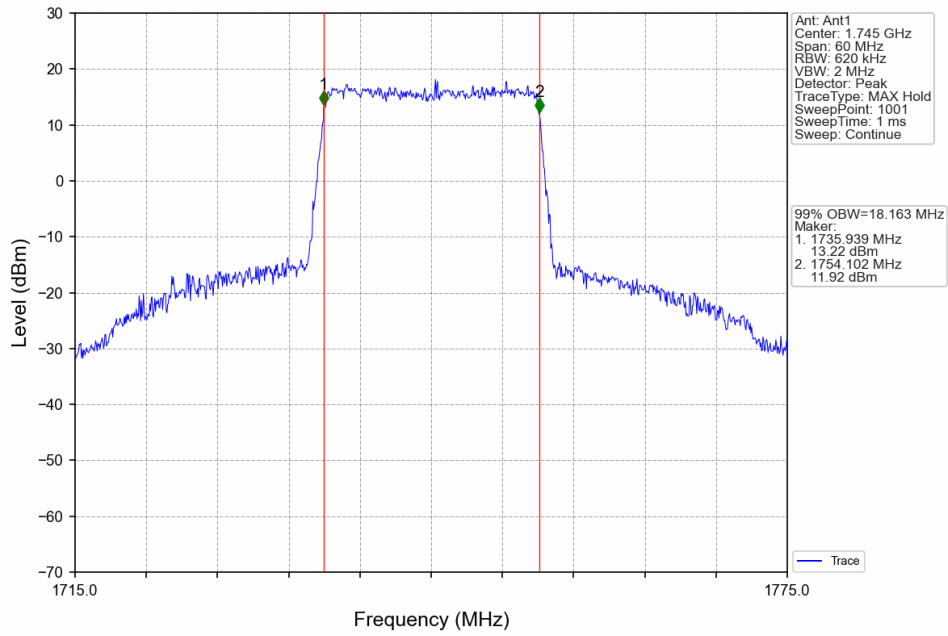
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



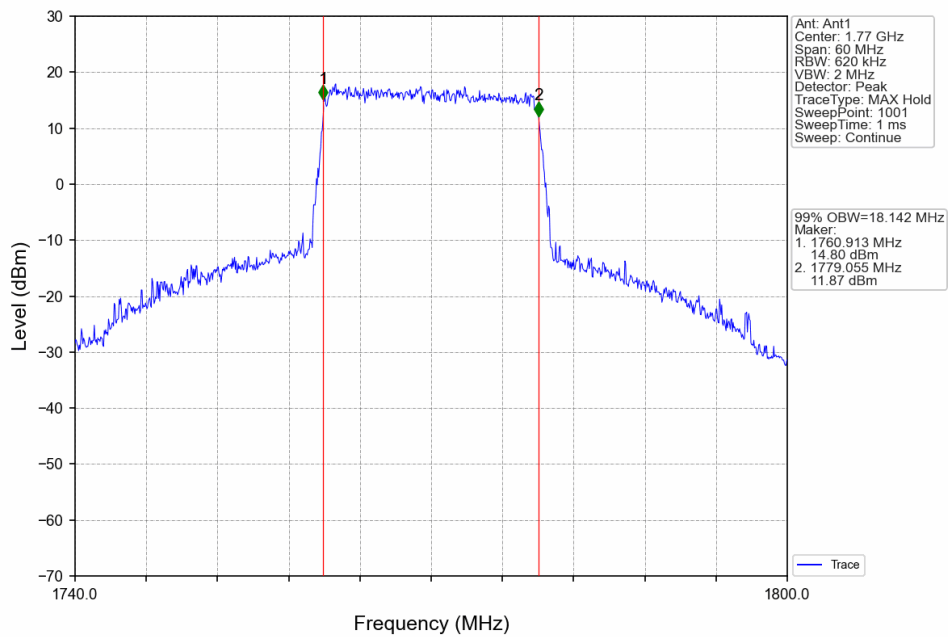
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV

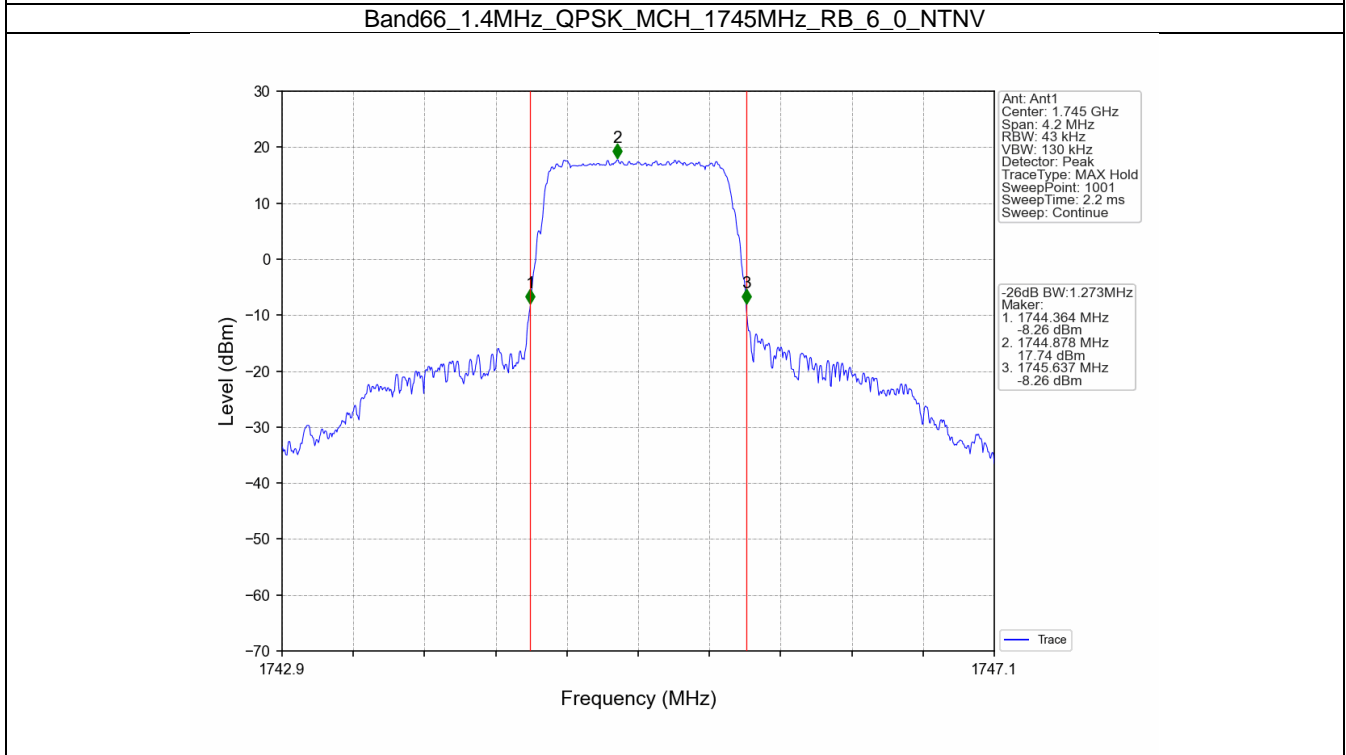
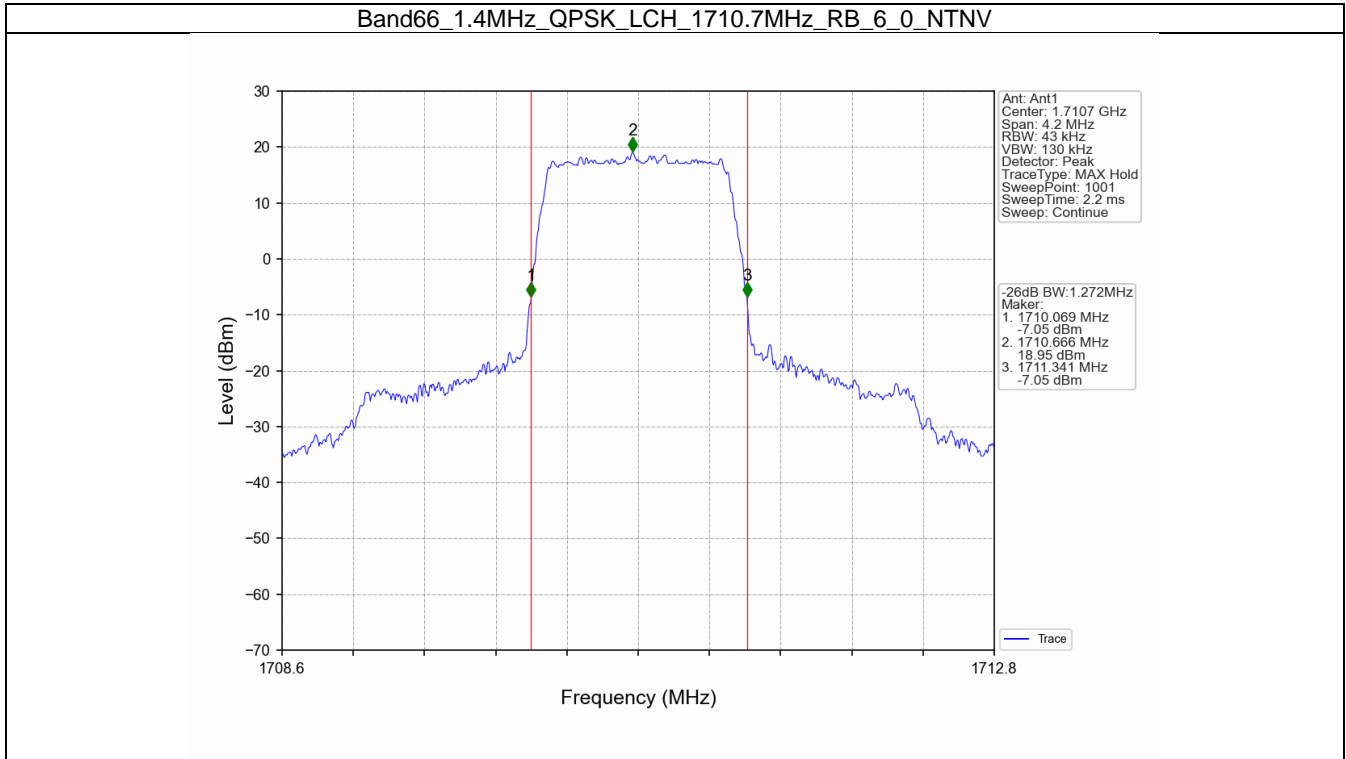


4.2 Band66_XDB

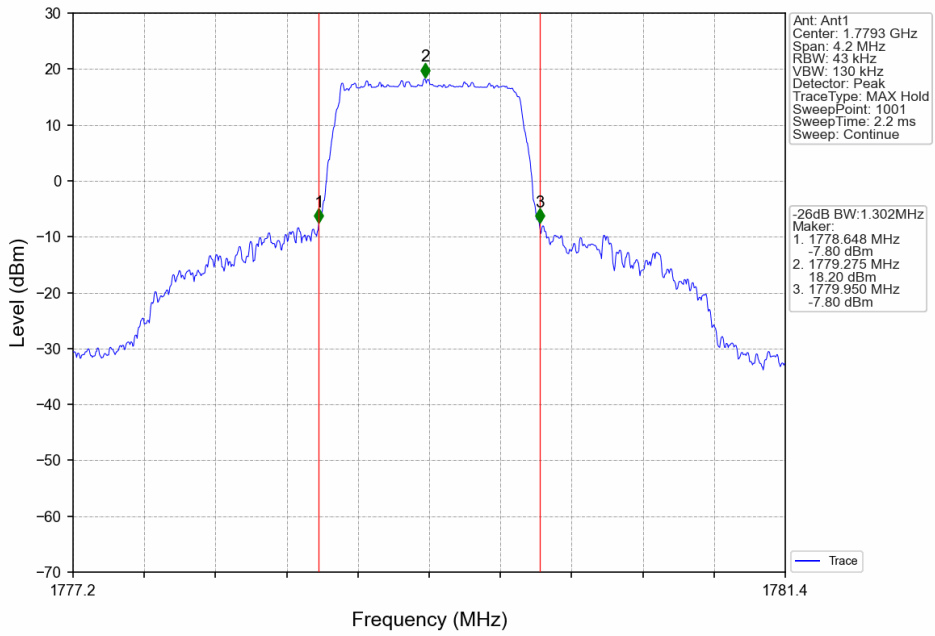
4.2.1 Test Result

Band: 66 / NTNV						
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)	Verdict
			Size	Offset	Result	
1.4	QPSK	1710.7	6	0	1.272	Pass
		1745	6	0	1.273	Pass
		1779.3	6	0	1.302	Pass
	16QAM	1710.7	6	0	1.279	Pass
		1745	6	0	1.287	Pass
		1779.3	6	0	1.488	Pass
3	QPSK	1711.5	15	0	3.099	Pass
		1745	15	0	3.065	Pass
		1778.5	15	0	3.119	Pass
	16QAM	1711.5	15	0	3.112	Pass
		1745	15	0	3.075	Pass
		1778.5	15	0	3.124	Pass
5	QPSK	1712.5	25	0	5.056	Pass
		1745	25	0	5.065	Pass
		1777.5	25	0	5.064	Pass
	16QAM	1712.5	25	0	5.076	Pass
		1745	25	0	5.090	Pass
		1777.5	25	0	6.680	Pass
10	QPSK	1715	50	0	10.068	Pass
		1745	50	0	10.060	Pass
		1775	50	0	10.205	Pass
	16QAM	1715	50	0	10.010	Pass
		1745	50	0	10.000	Pass
		1775	50	0	10.058	Pass
15	QPSK	1717.5	75	0	15.199	Pass
		1745	75	0	15.081	Pass
		1772.5	75	0	15.288	Pass
	16QAM	1717.5	75	0	15.169	Pass
		1745	75	0	15.225	Pass
		1772.5	75	0	15.329	Pass
20	QPSK	1720	100	0	19.905	Pass
		1745	100	0	20.024	Pass
		1770	100	0	20.052	Pass
	16QAM	1720	100	0	20.189	Pass
		1745	100	0	20.056	Pass
		1770	100	0	19.991	Pass

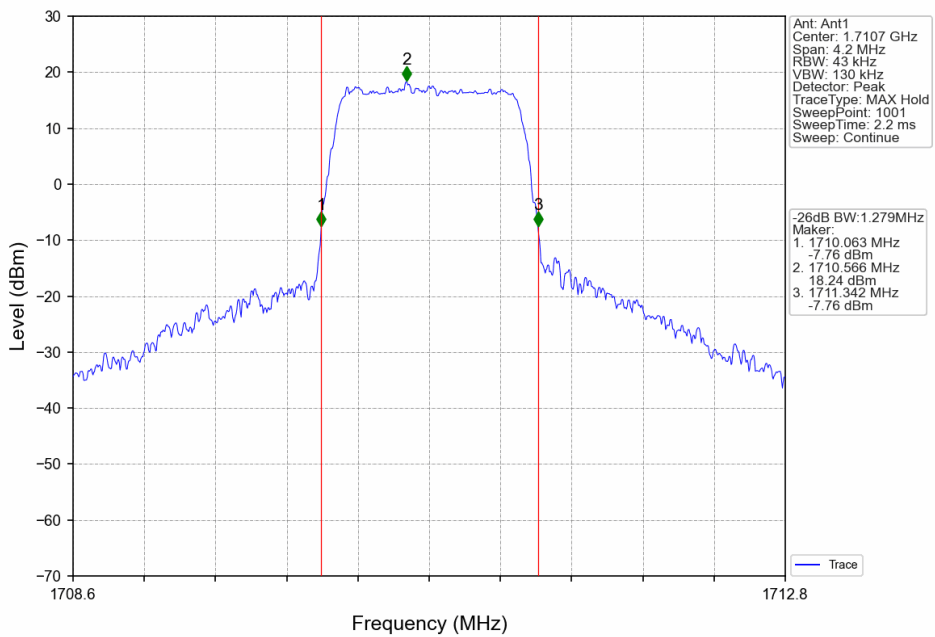
4.2.2 Test Graph



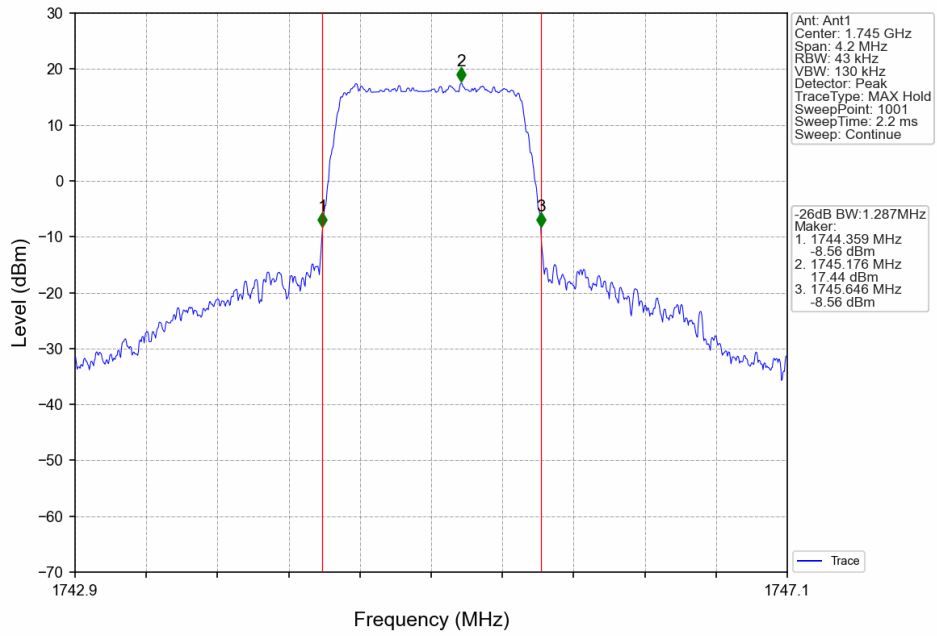
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



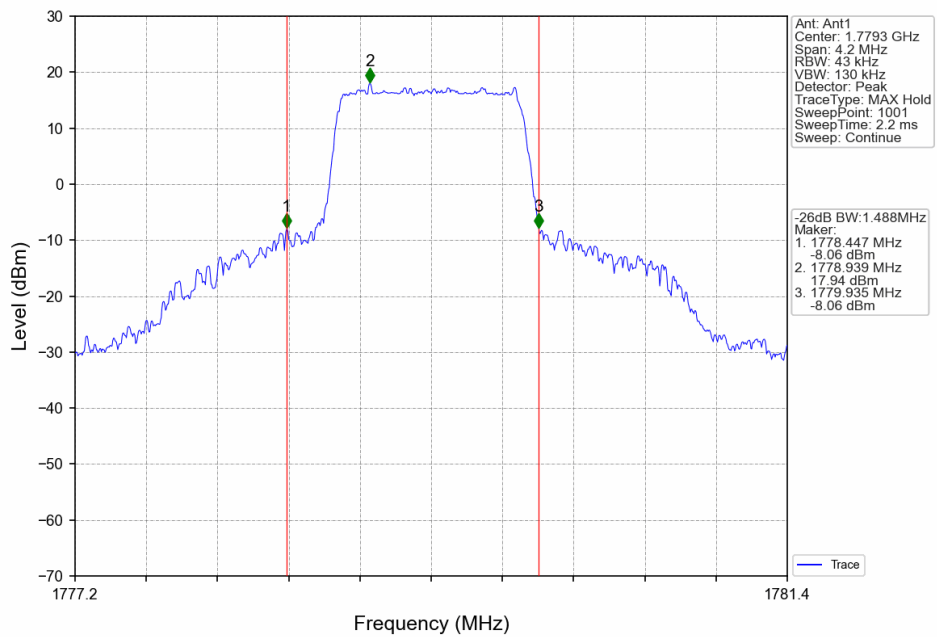
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



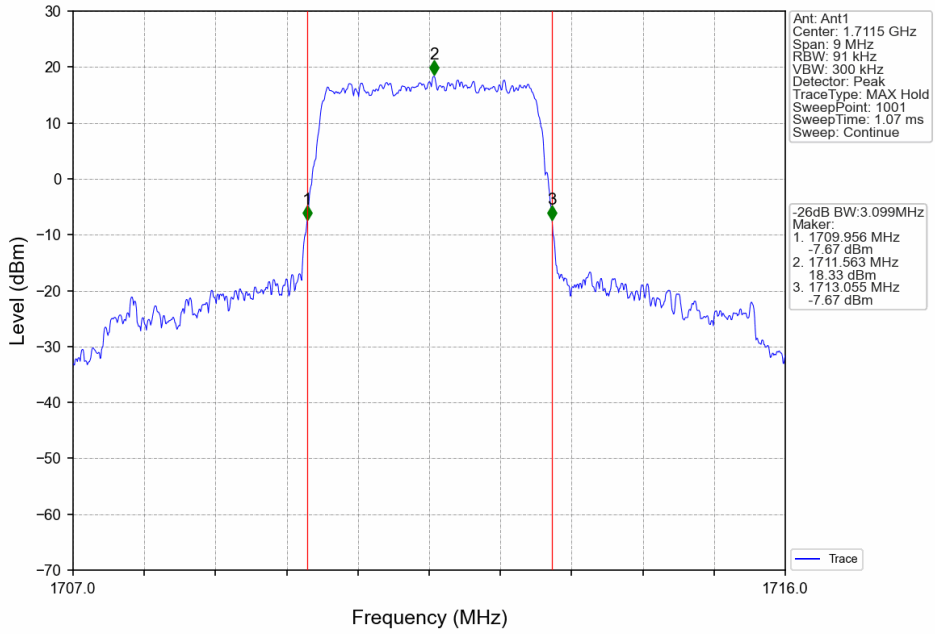
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



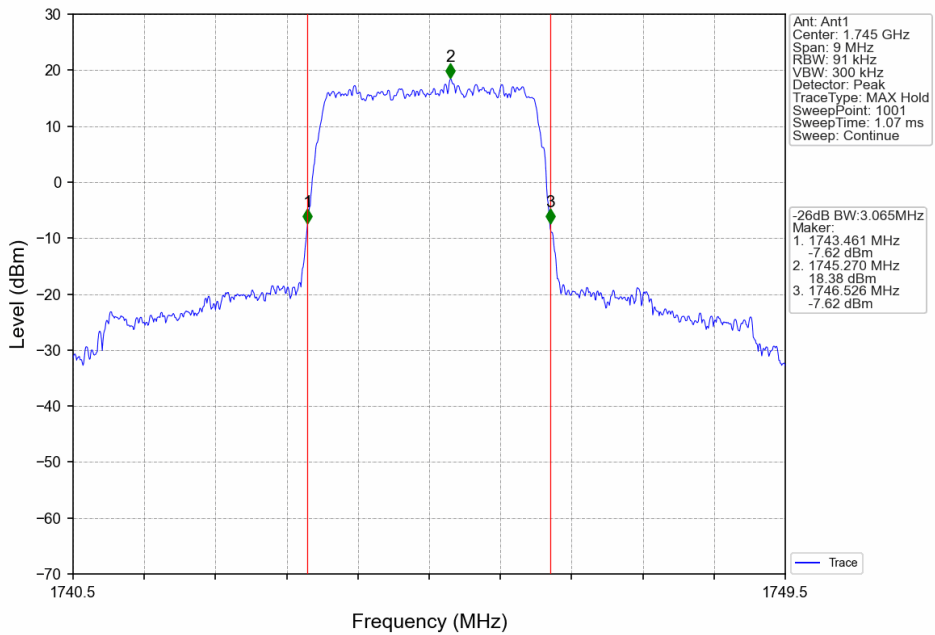
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



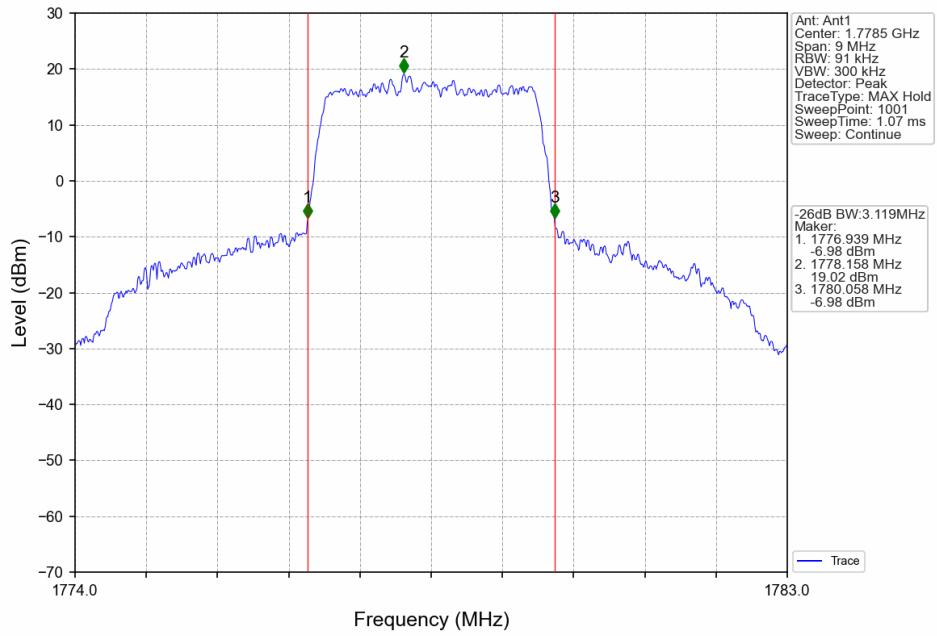
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



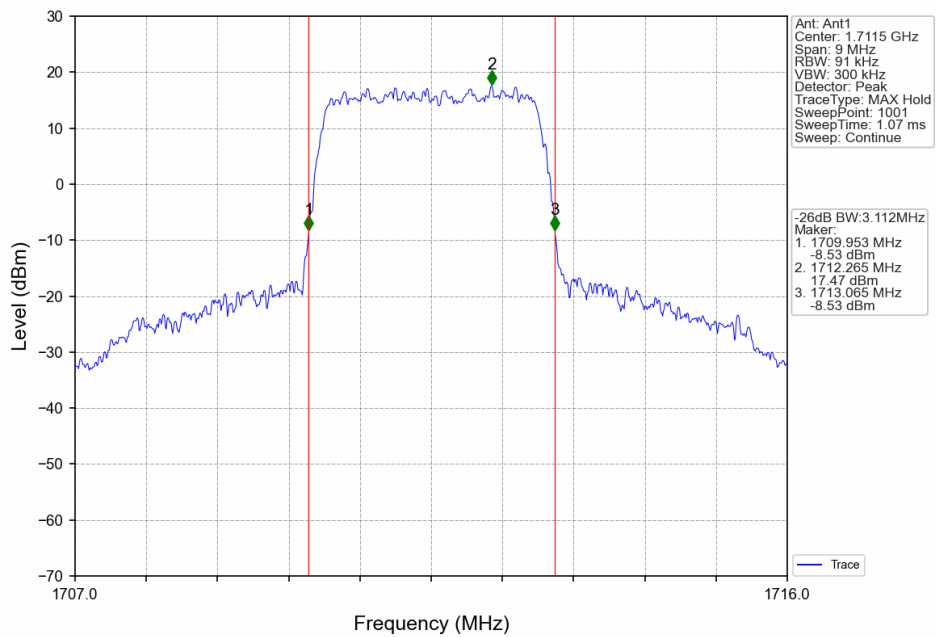
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



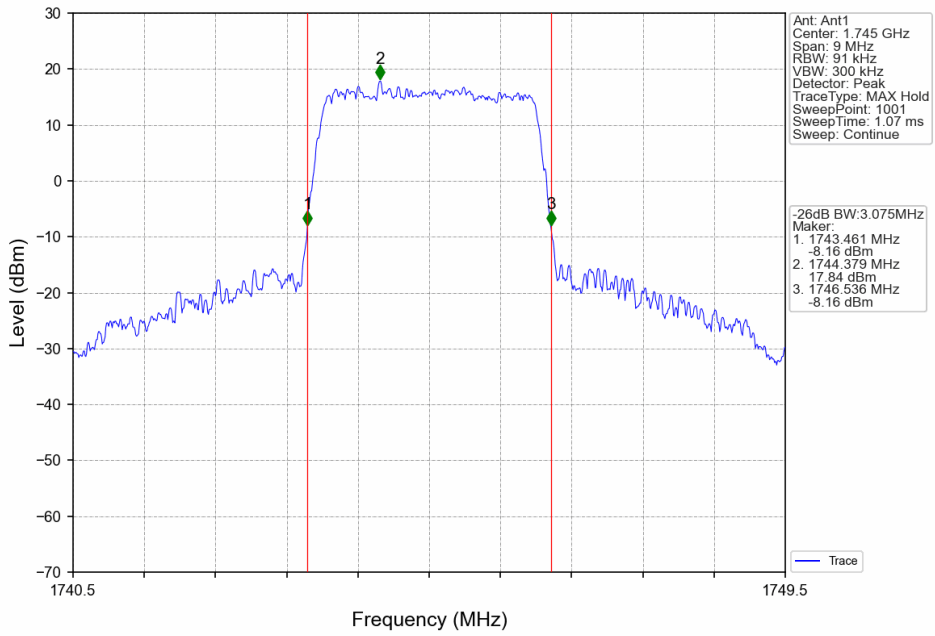
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



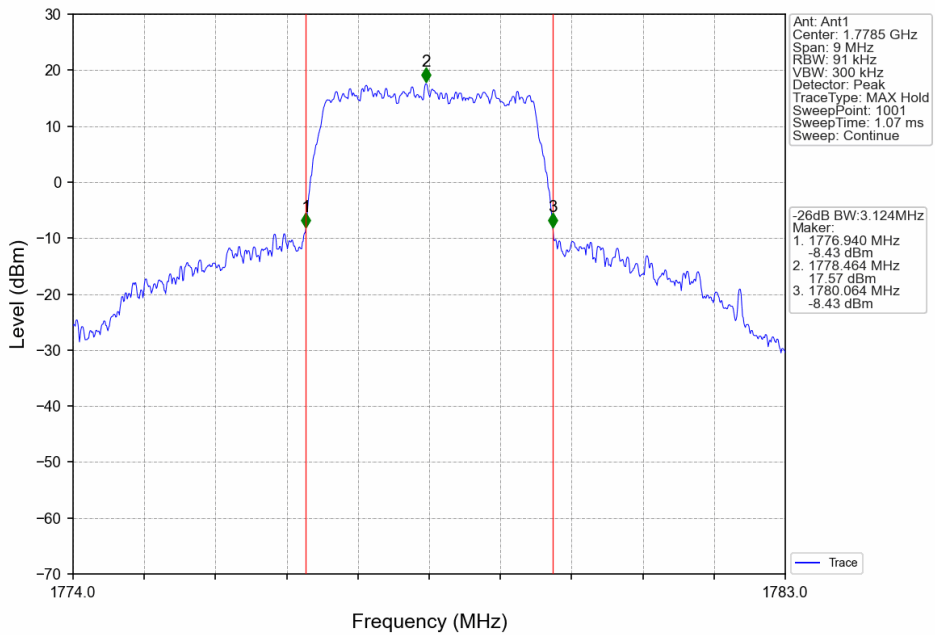
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



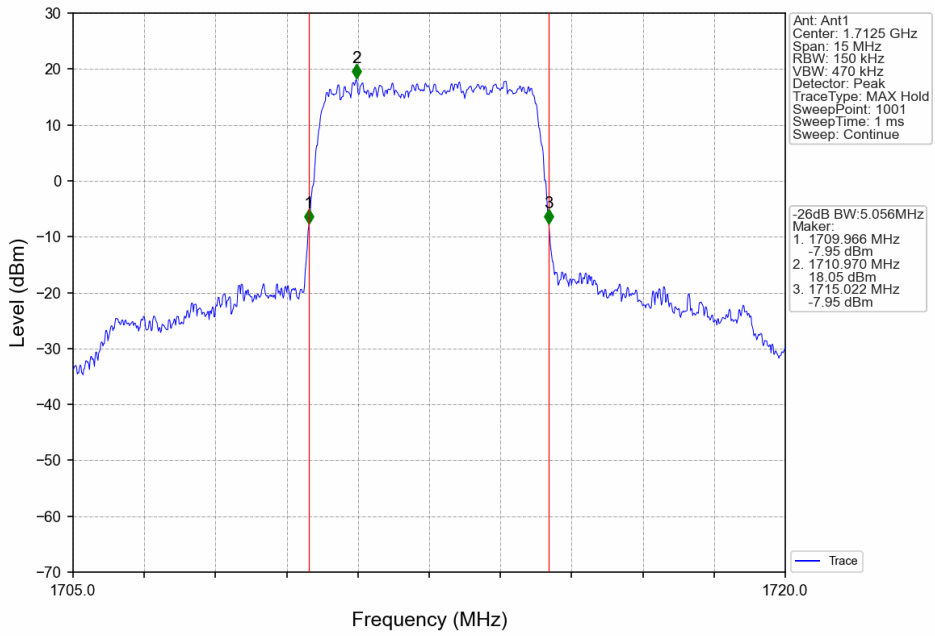
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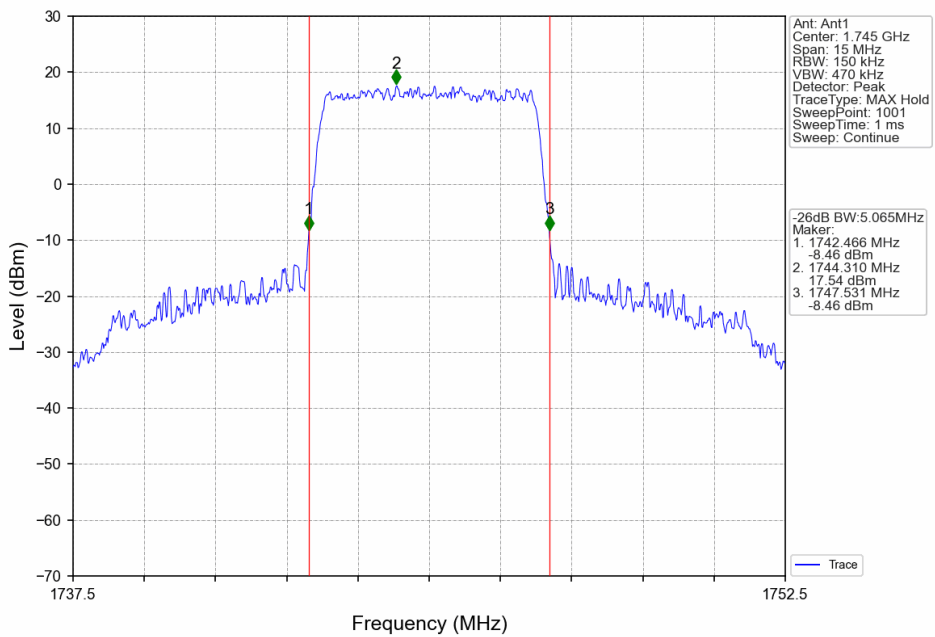
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



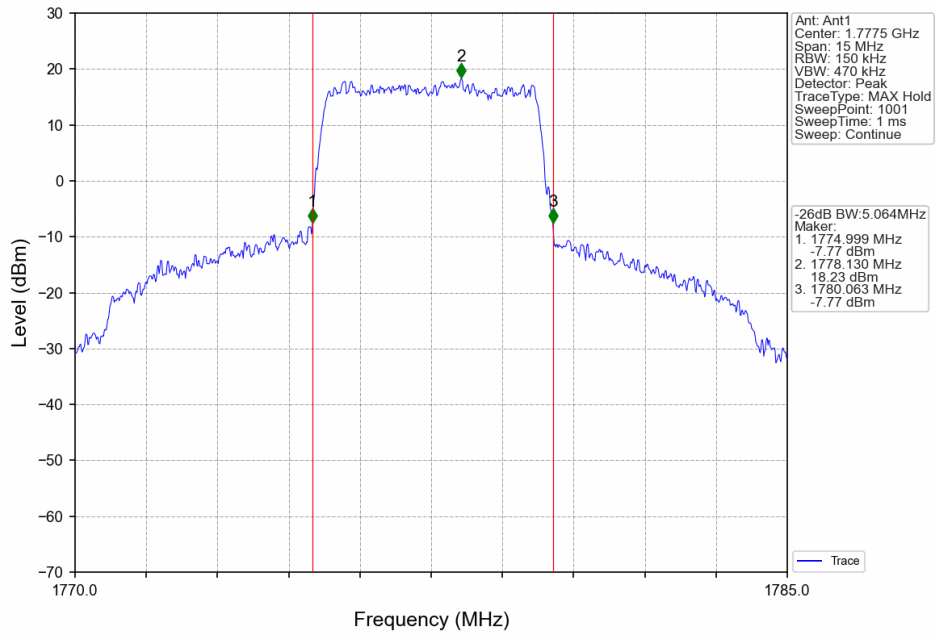
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



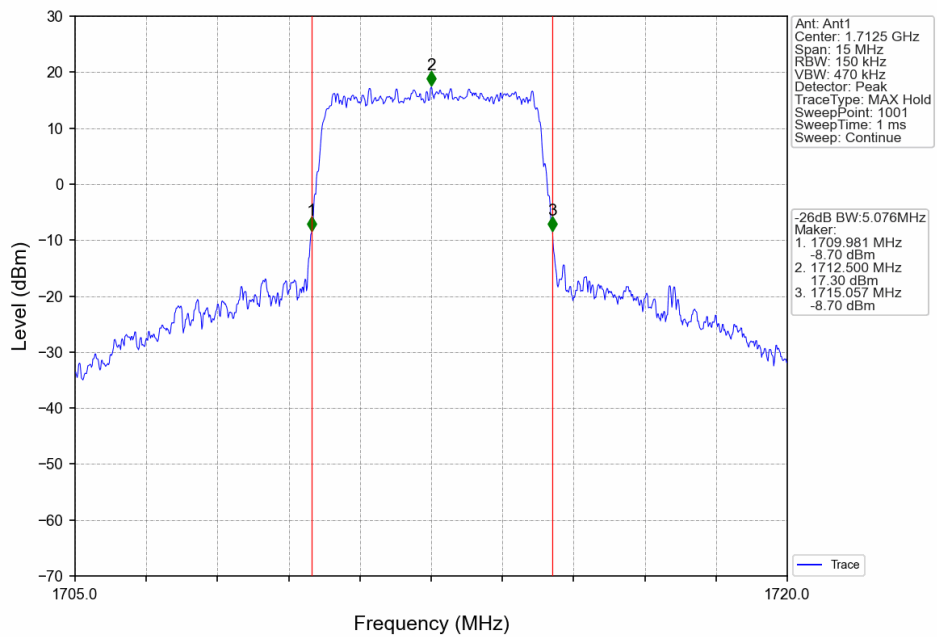
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



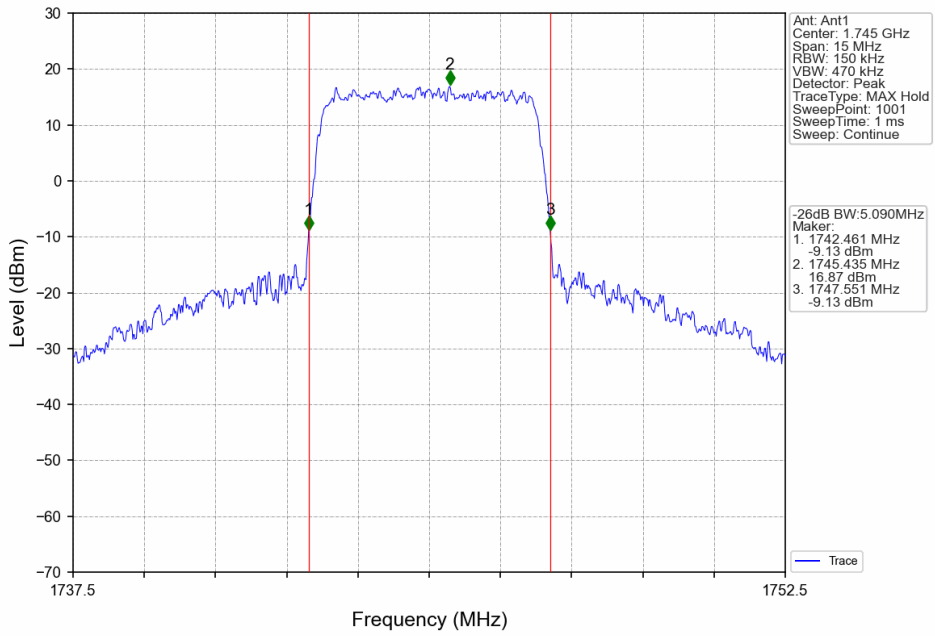
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



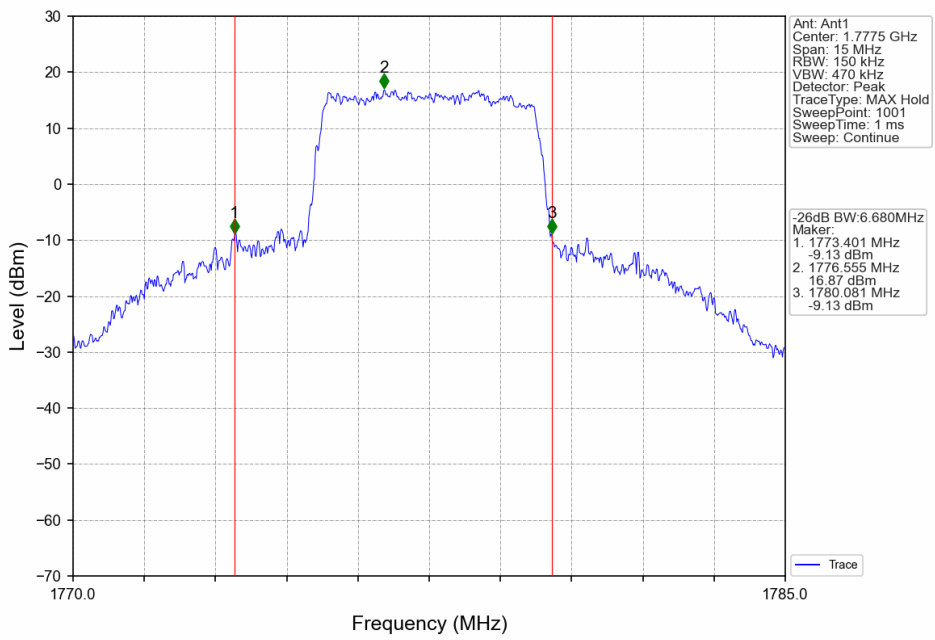
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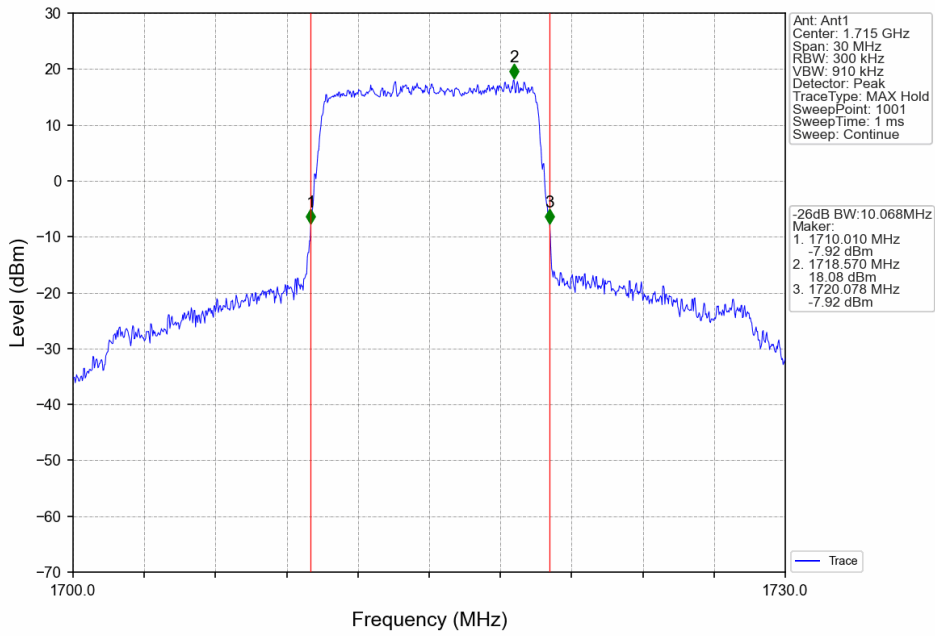
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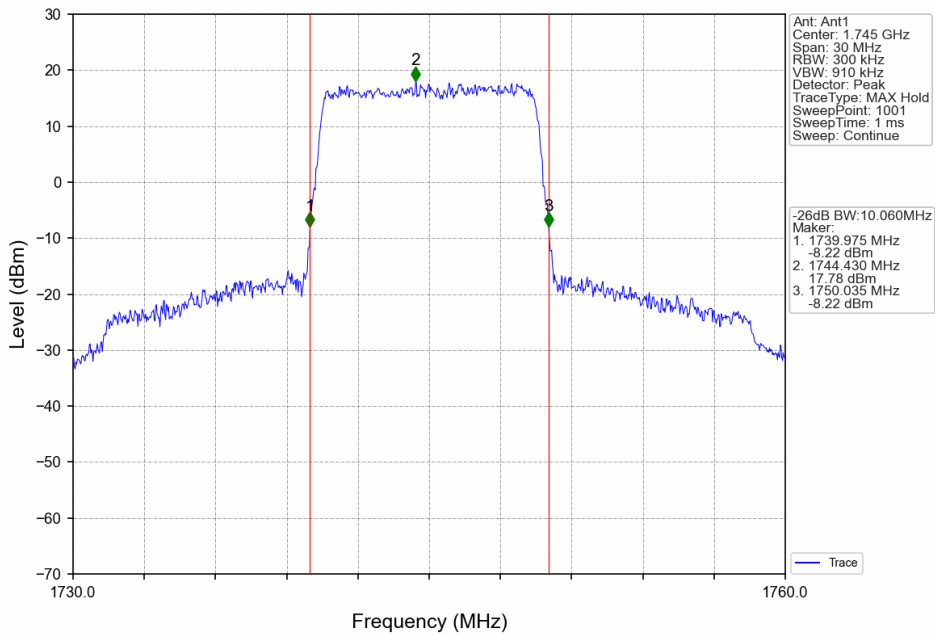
Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV



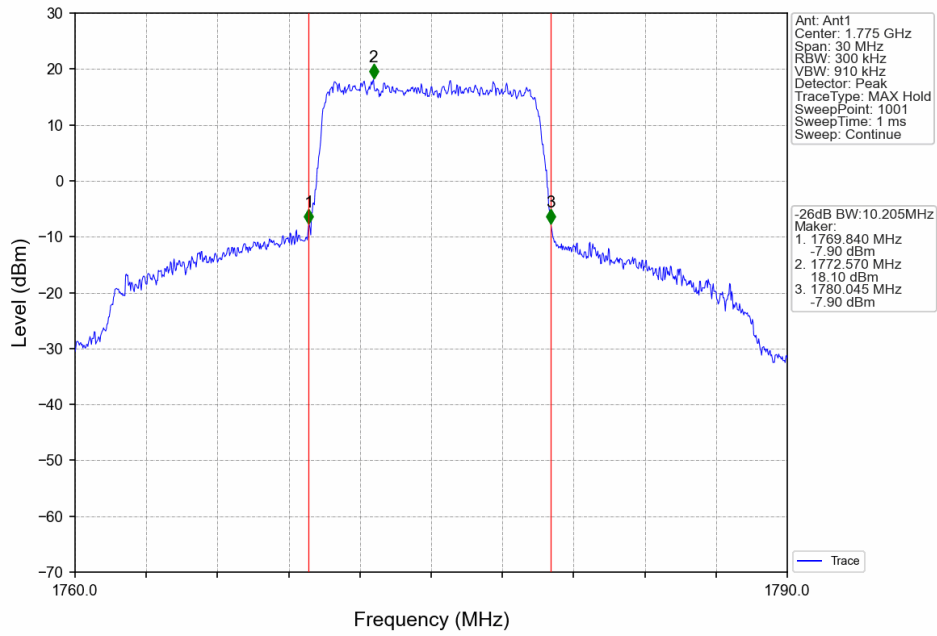
Band66_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV



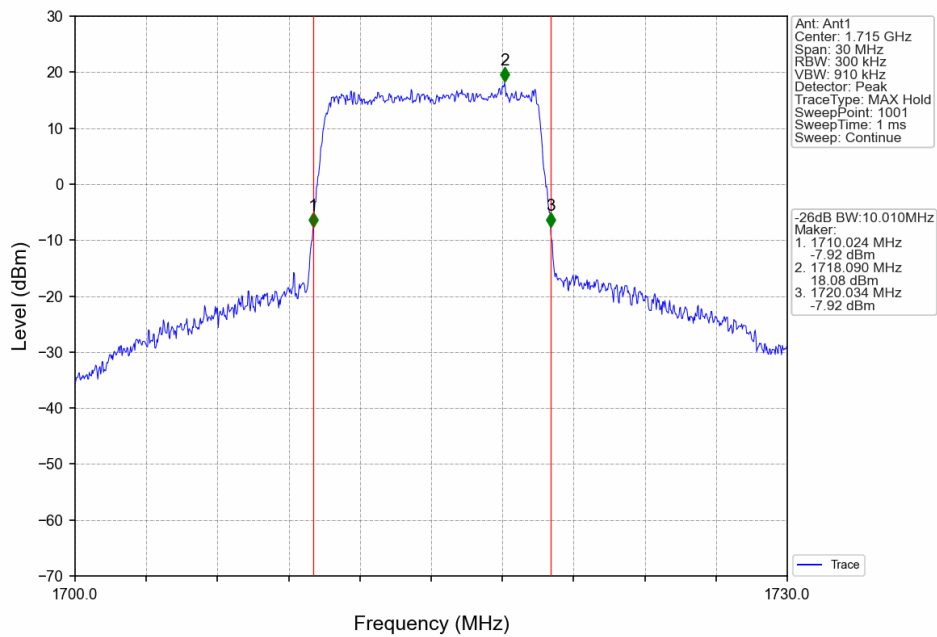
Band66_10MHz_QPSK_MCH_1745MHz_RB_50_0_NTNV



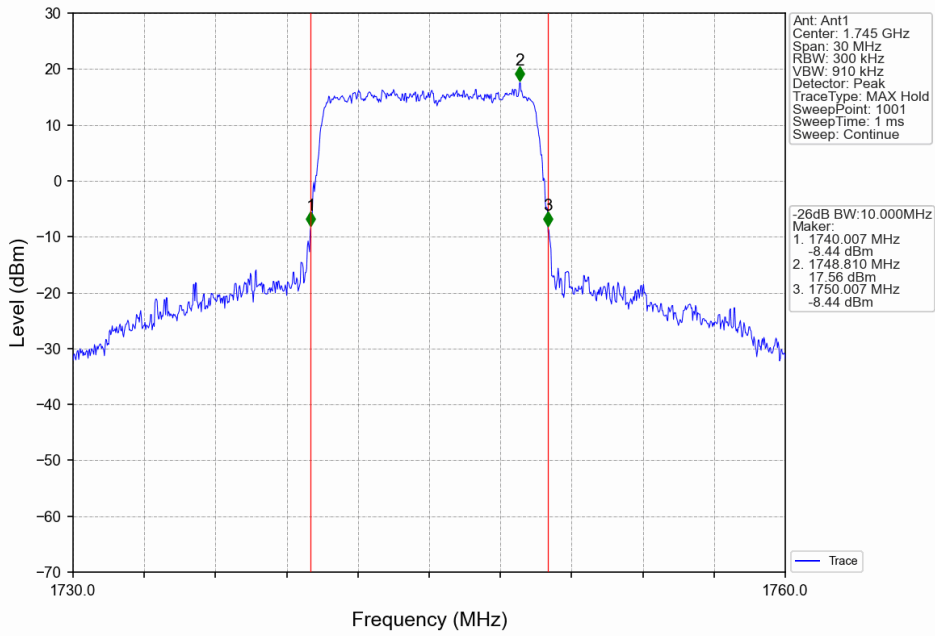
Band66_10MHz_QPSK_HCH_1775MHz_RB_50_0_NTNV



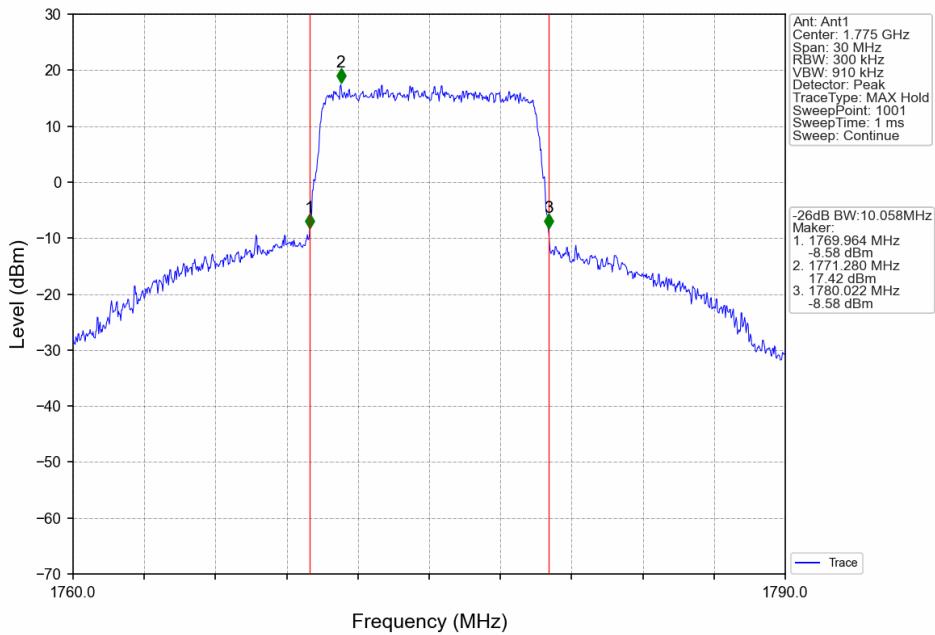
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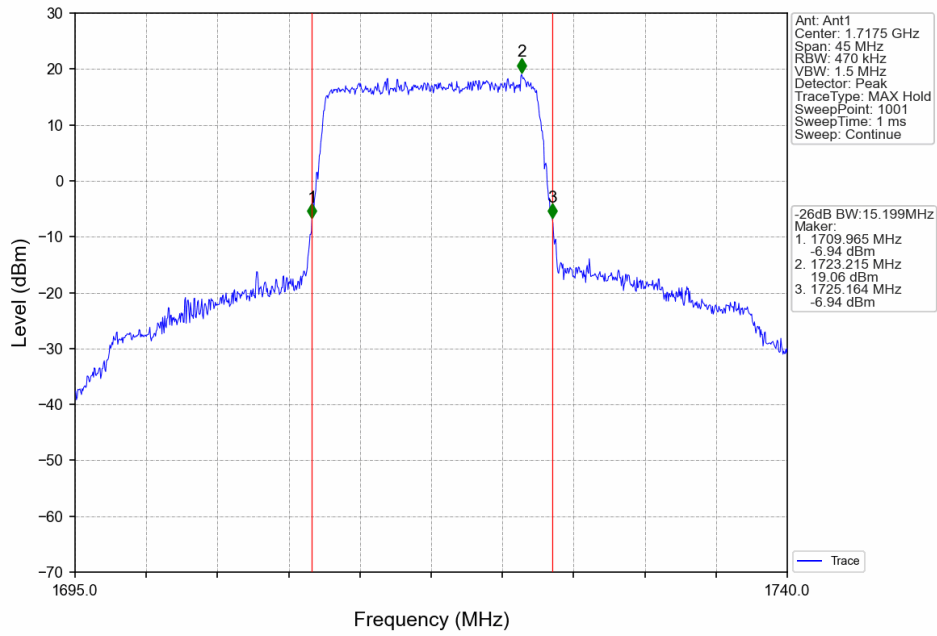
Band66_10MHz_16QAM_MCH_1745MHz_RB_50_0_NTNV



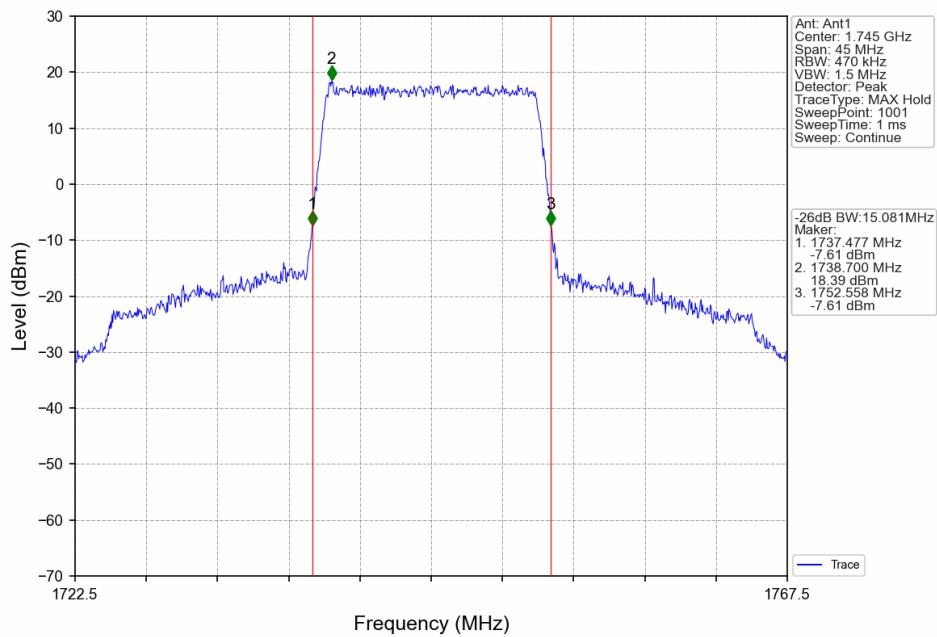
Band66_10MHz_16QAM_HCH_1775MHz_RB_50_0_NTNV



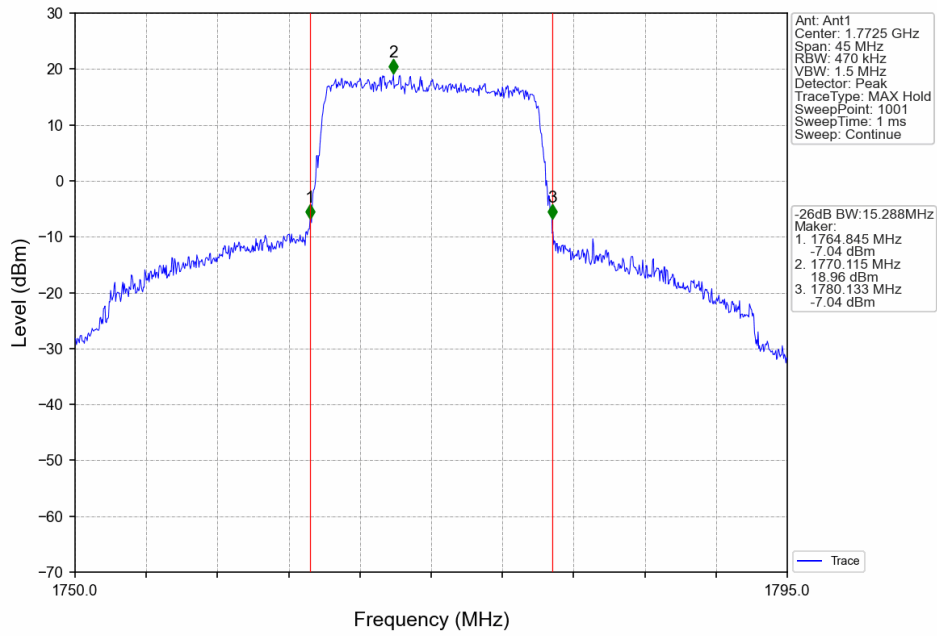
Band66_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV



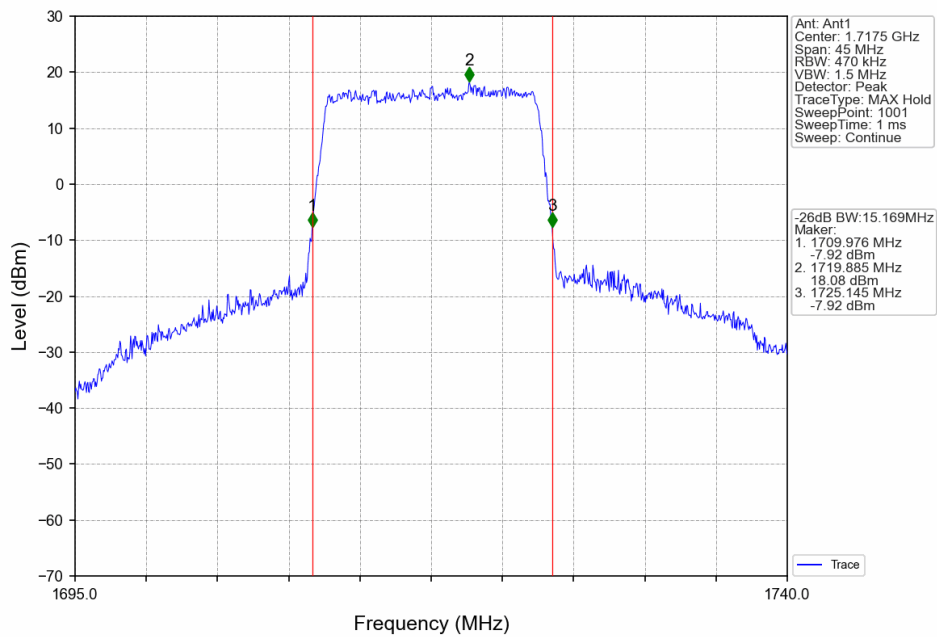
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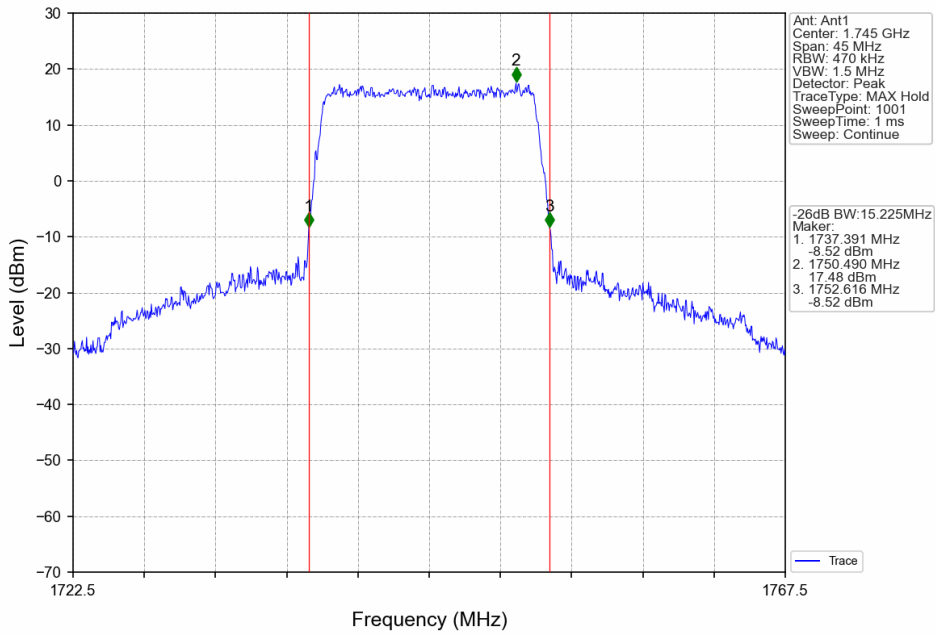
Band66_15MHz_QPSK_HCH_1772.5MHz_RB_75_0_NTNV



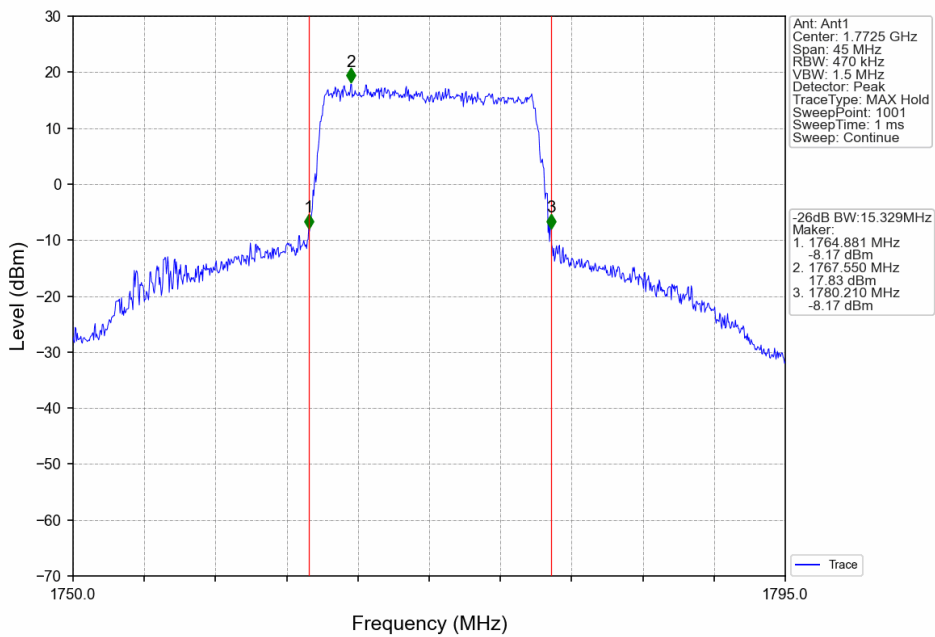
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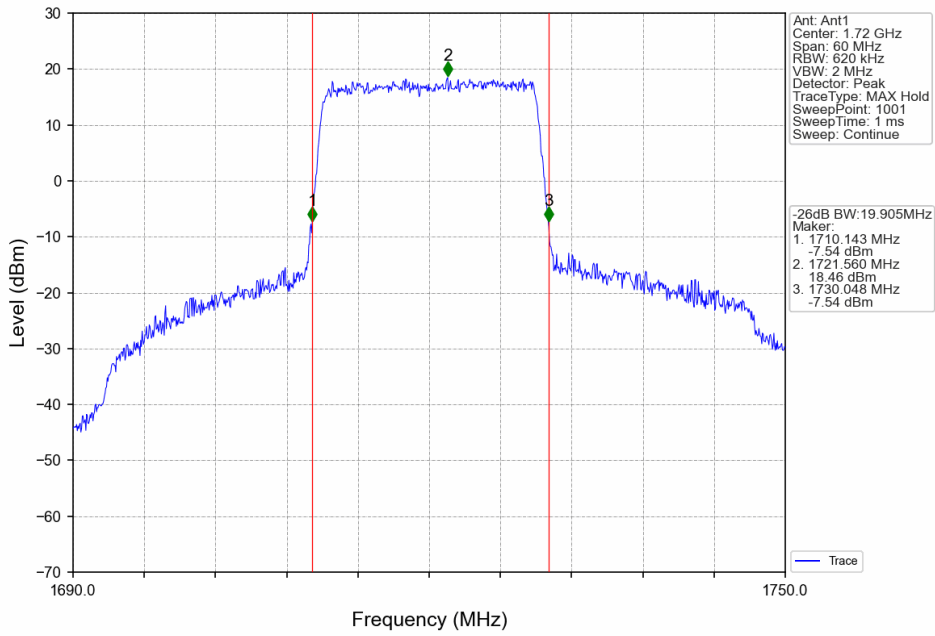
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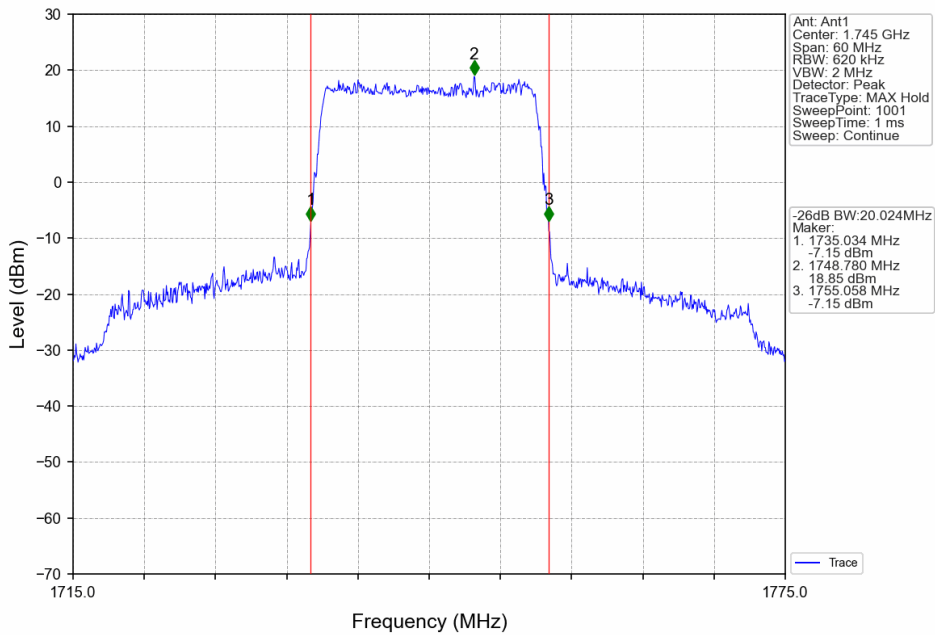
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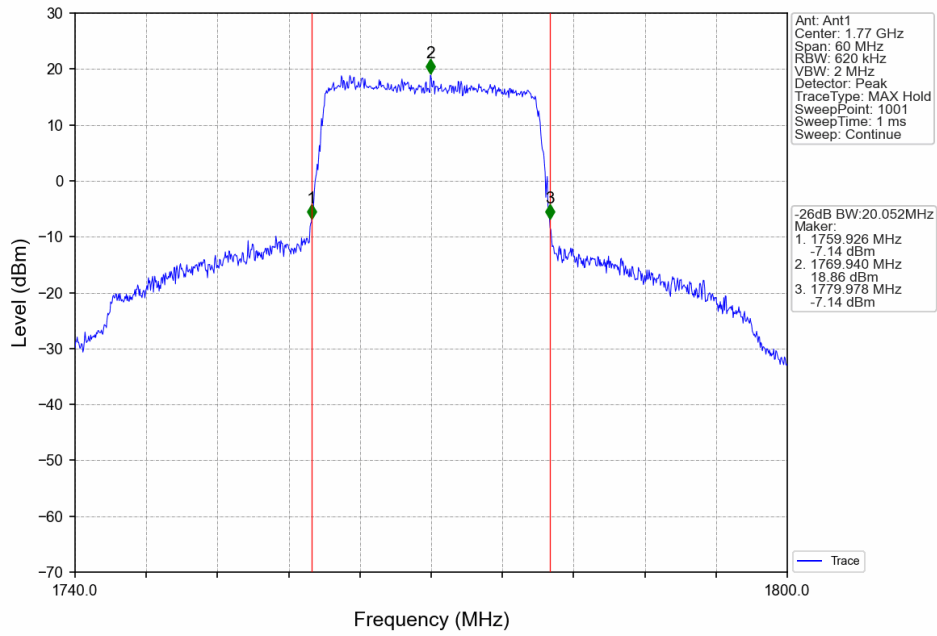
Band66_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV



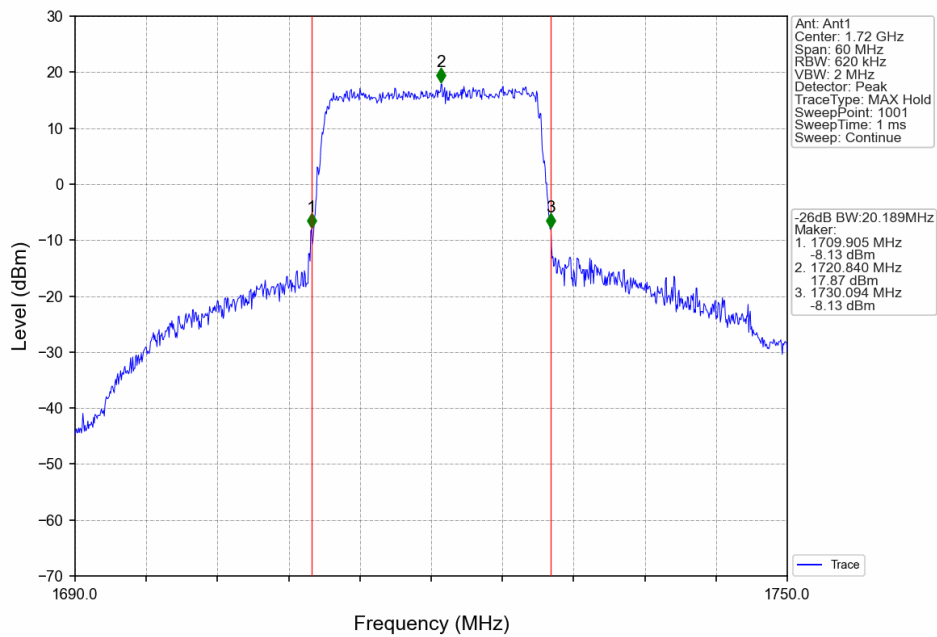
Band66_20MHz_QPSK_MCH_1745MHz_RB_100_0_NTNV



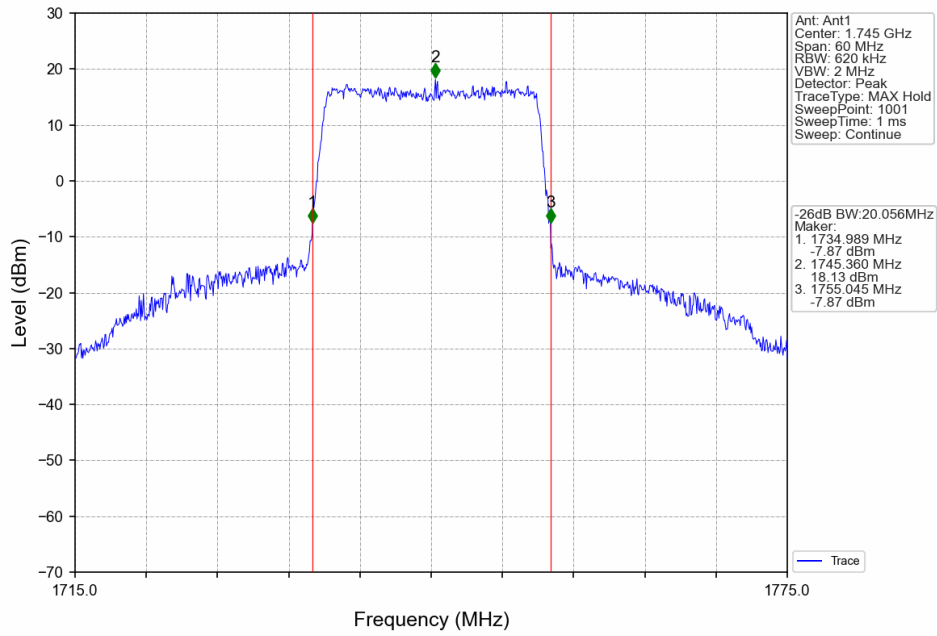
Band66_20MHz_QPSK_HCH_1770MHz_RB_100_0_NTNV



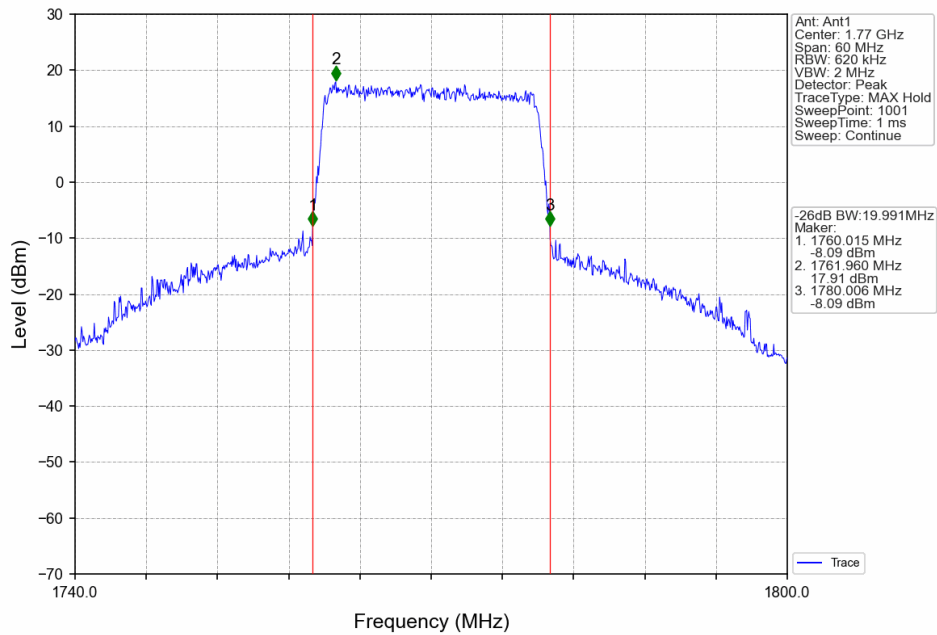
Band66_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_MCH_1745MHz_RB_100_0_NTNV



Band66_20MHz_16QAM_HCH_1770MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 B66_1.4MHz

5.1.1 Test Result

Band: 66 / Bandwidth: 1.4MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	4.89	<=13	Pass
	1745	6	0	4.75	<=13	Pass
	1779.3	6	0	3.42	<=13	Pass
16QAM	1710.7	6	0	5.70	<=13	Pass
	1745	6	0	5.43	<=13	Pass
	1779.3	6	0	4.28	<=13	Pass