

Annex for FCC LTE Band 66

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B66_1.4MHz_EIRP

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	22.79	2.77	25.56	<=30	Pass
			2	22.83	2.77	25.60	<=30	Pass
			5	22.87	2.77	25.64	<=30	Pass
		3	0	22.85	2.77	25.62	<=30	Pass
			2	22.92	2.77	25.69	<=30	Pass
			3	22.91	2.77	25.68	<=30	Pass
		6	0	22.00	2.77	24.77	<=30	Pass
	1745	1	0	22.56	2.77	25.33	<=30	Pass
			2	22.62	2.77	25.39	<=30	Pass
			5	22.65	2.77	25.42	<=30	Pass
		3	0	22.65	2.77	25.42	<=30	Pass
			2	22.67	2.77	25.44	<=30	Pass
			3	22.65	2.77	25.42	<=30	Pass
		6	0	21.65	2.77	24.42	<=30	Pass
	1779.3	1	0	22.20	2.77	24.97	<=30	Pass
			2	22.16	2.77	24.93	<=30	Pass
			5	22.12	2.77	24.89	<=30	Pass
		3	0	22.10	2.77	24.87	<=30	Pass
			2	22.21	2.77	24.98	<=30	Pass
			3	22.20	2.77	24.97	<=30	Pass
		6	0	21.20	2.77	23.97	<=30	Pass
16QAM	1710.7	1	0	22.10	2.77	24.87	<=30	Pass
			2	22.11	2.77	24.88	<=30	Pass
			5	22.14	2.77	24.91	<=30	Pass
		3	0	21.91	2.77	24.68	<=30	Pass
			2	21.95	2.77	24.72	<=30	Pass
			3	21.97	2.77	24.74	<=30	Pass
		6	0	21.07	2.77	23.84	<=30	Pass
	1745	1	0	21.66	2.77	24.43	<=30	Pass
			2	21.66	2.77	24.43	<=30	Pass
			5	21.70	2.77	24.47	<=30	Pass
		3	0	21.82	2.77	24.59	<=30	Pass
			2	21.90	2.77	24.67	<=30	Pass
			3	21.89	2.77	24.66	<=30	Pass
		6	0	20.75	2.77	23.52	<=30	Pass
	1779.3	1	0	21.27	2.77	24.04	<=30	Pass
			2	21.25	2.77	24.02	<=30	Pass
			5	21.30	2.77	24.07	<=30	Pass
		3	0	21.33	2.77	24.10	<=30	Pass
			2	21.34	2.77	24.11	<=30	Pass
			3	21.32	2.77	24.09	<=30	Pass
		6	0	20.25	2.77	23.02	<=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	22.83	2.77	25.60	<=30	Pass
			7	22.96	2.77	25.73	<=30	Pass
			14	22.92	2.77	25.69	<=30	Pass
		8	0	21.91	2.77	24.68	<=30	Pass
			4	22.05	2.77	24.82	<=30	Pass
			7	22.03	2.77	24.80	<=30	Pass
		15	0	22.00	2.77	24.77	<=30	Pass
	1745	1	0	22.63	2.77	25.40	<=30	Pass
			7	22.69	2.77	25.46	<=30	Pass
			14	22.58	2.77	25.35	<=30	Pass
		8	0	21.62	2.77	24.39	<=30	Pass
			4	21.66	2.77	24.43	<=30	Pass
			7	21.65	2.77	24.42	<=30	Pass
		15	0	21.62	2.77	24.39	<=30	Pass
	1778.5	1	0	22.18	2.77	24.95	<=30	Pass
			7	22.26	2.77	25.03	<=30	Pass
			14	22.05	2.77	24.82	<=30	Pass
		8	0	21.21	2.77	23.98	<=30	Pass
			4	21.22	2.77	23.99	<=30	Pass
			7	21.22	2.77	23.99	<=30	Pass
		15	0	21.24	2.77	24.01	<=30	Pass
16QAM	1711.5	1	0	22.43	2.77	25.20	<=30	Pass
			7	22.59	2.77	25.36	<=30	Pass
			14	22.56	2.77	25.33	<=30	Pass
		8	0	21.13	2.77	23.90	<=30	Pass
			4	21.25	2.77	24.02	<=30	Pass
			7	21.21	2.77	23.98	<=30	Pass
		15	0	21.13	2.77	23.90	<=30	Pass
	1745	1	0	21.65	2.77	24.42	<=30	Pass
			7	21.75	2.77	24.52	<=30	Pass
			14	21.61	2.77	24.38	<=30	Pass
		8	0	20.74	2.77	23.51	<=30	Pass
			4	20.80	2.77	23.57	<=30	Pass
			7	20.79	2.77	23.56	<=30	Pass
		15	0	20.75	2.77	23.52	<=30	Pass
	1778.5	1	0	21.82	2.77	24.59	<=30	Pass
			7	21.90	2.77	24.67	<=30	Pass
			14	21.69	2.77	24.46	<=30	Pass
		8	0	20.49	2.77	23.26	<=30	Pass
			4	20.51	2.77	23.28	<=30	Pass
			7	20.46	2.77	23.23	<=30	Pass
		15	0	20.37	2.77	23.14	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B66_5MHz_EIRP

Band: 66 / Bandwidth: 5MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.93	2.77	25.70	<=30	Pass
			13	23.13	2.77	25.90	<=30	Pass
			24	23.05	2.77	25.82	<=30	Pass
		12	0	21.94	2.77	24.71	<=30	Pass
			6	22.13	2.77	24.90	<=30	Pass

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16QAM	1745		13	22.11	2.77	24.88	<=30	Pass	
		25	0	22.04	2.77	24.81	<=30	Pass	
		1	0	22.62	2.77	25.39	<=30	Pass	
			13	22.75	2.77	25.52	<=30	Pass	
			24	22.62	2.77	25.39	<=30	Pass	
			12	0	21.59	2.77	24.36	<=30	Pass
				6	21.68	2.77	24.45	<=30	Pass
		13		21.62	2.77	24.39	<=30	Pass	
		25	0	21.59	2.77	24.36	<=30	Pass	
		1777.5	1	0	22.22	2.77	24.99	<=30	Pass
				13	22.31	2.77	25.08	<=30	Pass
				24	22.15	2.77	24.92	<=30	Pass
	12		0	21.09	2.77	23.86	<=30	Pass	
			6	21.28	2.77	24.05	<=30	Pass	
			13	21.15	2.77	23.92	<=30	Pass	
	25		0	21.17	2.77	23.94	<=30	Pass	
	1712.5	1	0	21.87	2.77	24.64	<=30	Pass	
			13	22.09	2.77	24.86	<=30	Pass	
			24	22.04	2.77	24.81	<=30	Pass	
			12	0	21.01	2.77	23.78	<=30	Pass
				6	21.15	2.77	23.92	<=30	Pass
				13	21.14	2.77	23.91	<=30	Pass
			25	0	21.08	2.77	23.85	<=30	Pass
1745			1	0	21.70	2.77	24.47	<=30	Pass
				13	21.87	2.77	24.64	<=30	Pass
		24		21.75	2.77	24.52	<=30	Pass	
		12	0	20.70	2.77	23.47	<=30	Pass	
			6	20.74	2.77	23.51	<=30	Pass	
			13	20.68	2.77	23.45	<=30	Pass	
		25	0	20.69	2.77	23.46	<=30	Pass	
1777.5		1	0	21.49	2.77	24.26	<=30	Pass	
			13	21.62	2.77	24.39	<=30	Pass	
			24	21.43	2.77	24.20	<=30	Pass	
		12	0	20.27	2.77	23.04	<=30	Pass	
			6	20.42	2.77	23.19	<=30	Pass	
			13	20.29	2.77	23.06	<=30	Pass	
		25	0	20.26	2.77	23.03	<=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	22.83	2.77	25.60	<=30	Pass
			25	22.98	2.77	25.75	<=30	Pass
			49	22.75	2.77	25.52	<=30	Pass
		25	0	21.91	2.77	24.68	<=30	Pass
			13	22.07	2.77	24.84	<=30	Pass
			25	21.85	2.77	24.62	<=30	Pass
	1745	50	0	21.86	2.77	24.63	<=30	Pass
		1	0	22.40	2.77	25.17	<=30	Pass
			25	22.65	2.77	25.42	<=30	Pass
			49	22.46	2.77	25.23	<=30	Pass
		25	0	21.40	2.77	24.17	<=30	Pass
			13	21.59	2.77	24.36	<=30	Pass
			25	21.50	2.77	24.27	<=30	Pass
		50	0	21.40	2.77	24.17	<=30	Pass

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16QAM	1775	1	0	22.37	2.77	25.14	<=30	Pass
			25	22.19	2.77	24.96	<=30	Pass
			49	21.99	2.77	24.76	<=30	Pass
		25	0	21.11	2.77	23.88	<=30	Pass
			13	21.15	2.77	23.92	<=30	Pass
			25	21.04	2.77	23.81	<=30	Pass
		50	0	21.02	2.77	23.79	<=30	Pass
	1715	1	0	22.43	2.77	25.20	<=30	Pass
			25	22.65	2.77	25.42	<=30	Pass
			49	22.38	2.77	25.15	<=30	Pass
		25	0	18.96	2.77	21.73	<=30	Pass
			13	18.95	2.77	21.72	<=30	Pass
			25	18.89	2.77	21.66	<=30	Pass
		50	0	18.90	2.77	21.67	<=30	Pass
	1745	1	0	21.38	2.77	24.15	<=30	Pass
			25	21.74	2.77	24.51	<=30	Pass
			49	21.63	2.77	24.40	<=30	Pass
		25	0	18.93	2.77	21.70	<=30	Pass
			13	18.90	2.77	21.67	<=30	Pass
			25	18.90	2.77	21.67	<=30	Pass
		50	0	18.82	2.77	21.59	<=30	Pass
	1775	1	0	21.59	2.77	24.36	<=30	Pass
			25	21.39	2.77	24.16	<=30	Pass
			49	21.25	2.77	24.02	<=30	Pass
		25	0	18.74	2.77	21.51	<=30	Pass
			13	18.76	2.77	21.53	<=30	Pass
			25	18.76	2.77	21.53	<=30	Pass
		50	0	18.76	2.77	21.53	<=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	22.75	2.77	25.52	<=30	Pass
			38	22.92	2.77	25.69	<=30	Pass
			74	22.65	2.77	25.42	<=30	Pass
		36	0	21.89	2.77	24.66	<=30	Pass
			18	22.01	2.77	24.78	<=30	Pass
			39	21.78	2.77	24.55	<=30	Pass
		75	0	21.83	2.77	24.60	<=30	Pass
	1745	1	0	22.33	2.77	25.10	<=30	Pass
			38	22.57	2.77	25.34	<=30	Pass
			74	22.56	2.77	25.33	<=30	Pass
		36	0	21.42	2.77	24.19	<=30	Pass
			18	21.58	2.77	24.35	<=30	Pass
			39	21.52	2.77	24.29	<=30	Pass
		75	0	21.46	2.77	24.23	<=30	Pass
	1772.5	1	0	22.49	2.77	25.26	<=30	Pass
			38	22.31	2.77	25.08	<=30	Pass
			74	22.00	2.77	24.77	<=30	Pass
		36	0	21.38	2.77	24.15	<=30	Pass
			18	21.37	2.77	24.14	<=30	Pass
			39	21.08	2.77	23.85	<=30	Pass
		75	0	21.33	2.77	24.10	<=30	Pass
16QAM	1717.5	1	0	22.18	2.77	24.95	<=30	Pass
			38	22.43	2.77	25.20	<=30	Pass

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		36	74	22.14	2.77	24.91	<=30	Pass
			0	18.94	2.77	21.71	<=30	Pass
			18	19.01	2.77	21.78	<=30	Pass
			39	18.92	2.77	21.69	<=30	Pass
	1745	75	0	18.89	2.77	21.66	<=30	Pass
			0	21.60	2.77	24.37	<=30	Pass
			38	21.84	2.77	24.61	<=30	Pass
			74	21.82	2.77	24.59	<=30	Pass
		36	0	18.84	2.77	21.61	<=30	Pass
			18	18.91	2.77	21.68	<=30	Pass
			39	18.81	2.77	21.58	<=30	Pass
			0	18.79	2.77	21.56	<=30	Pass
	1772.5	1	0	21.89	2.77	24.66	<=30	Pass
			38	21.77	2.77	24.54	<=30	Pass
			74	21.48	2.77	24.25	<=30	Pass
			0	18.79	2.77	21.56	<=30	Pass
		36	18	18.86	2.77	21.63	<=30	Pass
			39	18.75	2.77	21.52	<=30	Pass
			0	18.78	2.77	21.55	<=30	Pass
			0	18.78	2.77	21.55	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B66_20MHz_EIRP

Band: 66 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.56	2.77	25.33	<=30	Pass
			50	22.78	2.77	25.55	<=30	Pass
			99	22.30	2.77	25.07	<=30	Pass
		50	0	21.80	2.77	24.57	<=30	Pass
			25	21.88	2.77	24.65	<=30	Pass
			50	21.57	2.77	24.34	<=30	Pass
		100	0	21.63	2.77	24.40	<=30	Pass
			0	22.23	2.77	25.00	<=30	Pass
			50	22.57	2.77	25.34	<=30	Pass
	1745	1	99	22.43	2.77	25.20	<=30	Pass
			0	21.28	2.77	24.05	<=30	Pass
			25	21.58	2.77	24.35	<=30	Pass
		50	50	21.54	2.77	24.31	<=30	Pass
			0	21.43	2.77	24.20	<=30	Pass
			0	22.50	2.77	25.27	<=30	Pass
	1770	1	50	22.45	2.77	25.22	<=30	Pass
			99	21.87	2.77	24.64	<=30	Pass
			0	21.44	2.77	24.21	<=30	Pass
		50	25	21.41	2.77	24.18	<=30	Pass
			50	21.08	2.77	23.85	<=30	Pass
			0	21.29	2.77	24.06	<=30	Pass
16QAM	1720	1	0	22.27	2.77	25.04	<=30	Pass
			50	22.44	2.77	25.21	<=30	Pass
			99	21.96	2.77	24.73	<=30	Pass
		50	0	18.90	2.77	21.67	<=30	Pass
			25	18.91	2.77	21.68	<=30	Pass
			50	18.85	2.77	21.62	<=30	Pass
		100	0	18.91	2.77	21.68	<=30	Pass
			0	21.95	2.77	24.72	<=30	Pass
			50	22.21	2.77	24.98	<=30	Pass
	1745	1	99	22.08	2.77	24.85	<=30	Pass
			0	18.87	2.77	21.64	<=30	Pass

			25	18.82	2.77	21.59	<=30	Pass
			50	18.80	2.77	21.57	<=30	Pass
		100	0	18.84	2.77	21.61	<=30	Pass
	1770	1	0	22.08	2.77	24.85	<=30	Pass
			50	22.08	2.77	24.85	<=30	Pass
			99	21.59	2.77	24.36	<=30	Pass
		50	0	18.74	2.77	21.51	<=30	Pass
			25	18.68	2.77	21.45	<=30	Pass
			50	18.73	2.77	21.50	<=30	Pass
		100	0	18.73	2.77	21.50	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

2. Frequency Stability

2.1 Test Result

2.1.1 B66_1.4MHz

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	3.15	-17.867	-0.0104	-2.5 to 2.5	Pass
					3.70	-17.452	-0.0102	-2.5 to 2.5	Pass
					4.26	-19.012	-0.0111	-2.5 to 2.5	Pass
				-30	3.70	-15.421	-0.0090	-2.5 to 2.5	Pass
				-20	3.70	-14.648	-0.0086	-2.5 to 2.5	Pass
				-10	3.70	-17.295	-0.0101	-2.5 to 2.5	Pass
				0	3.70	-16.122	-0.0094	-2.5 to 2.5	Pass
				10	3.70	-17.538	-0.0103	-2.5 to 2.5	Pass
				30	3.70	-19.755	-0.0115	-2.5 to 2.5	Pass
				40	3.70	-12.660	-0.0074	-2.5 to 2.5	Pass
				50	3.70	-12.217	-0.0071	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	-19.183	-0.0110	-2.5 to 2.5	Pass
					3.70	-22.216	-0.0127	-2.5 to 2.5	Pass
					4.26	-13.318	-0.0076	-2.5 to 2.5	Pass
				-30	3.70	-21.858	-0.0125	-2.5 to 2.5	Pass
				-20	3.70	-13.046	-0.0075	-2.5 to 2.5	Pass
				-10	3.70	-9.928	-0.0057	-2.5 to 2.5	Pass
				0	3.70	-19.827	-0.0114	-2.5 to 2.5	Pass
				10	3.70	-16.093	-0.0092	-2.5 to 2.5	Pass
				30	3.70	-16.165	-0.0093	-2.5 to 2.5	Pass
				40	3.70	-22.230	-0.0127	-2.5 to 2.5	Pass
				50	3.70	-24.347	-0.0140	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	-18.768	-0.0105	-2.5 to 2.5	Pass
					3.70	-20.485	-0.0115	-2.5 to 2.5	Pass
					4.26	-17.223	-0.0097	-2.5 to 2.5	Pass
				-30	3.70	-17.180	-0.0097	-2.5 to 2.5	Pass
				-20	3.70	-16.694	-0.0094	-2.5 to 2.5	Pass
				-10	3.70	-17.195	-0.0097	-2.5 to 2.5	Pass
				0	3.70	-17.481	-0.0098	-2.5 to 2.5	Pass
				10	3.70	-13.475	-0.0076	-2.5 to 2.5	Pass
				30	3.70	-14.205	-0.0080	-2.5 to 2.5	Pass
				40	3.70	-15.764	-0.0089	-2.5 to 2.5	Pass
				50	3.70	-22.531	-0.0127	-2.5 to 2.5	Pass
16QAM	1710.7	6	0	20	3.15	-6.394	-0.0037	-2.5 to 2.5	Pass
					3.70	15.793	0.0092	-2.5 to 2.5	Pass

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					4.26	12.016	0.0070	-2.5 to 2.5	Pass
				-30	3.70	-21.601	-0.0126	-2.5 to 2.5	Pass
				-20	3.70	-16.680	-0.0098	-2.5 to 2.5	Pass
				-10	3.70	-17.667	-0.0103	-2.5 to 2.5	Pass
				0	3.70	-17.595	-0.0103	-2.5 to 2.5	Pass
				10	3.70	-14.534	-0.0085	-2.5 to 2.5	Pass
				30	3.70	-16.193	-0.0095	-2.5 to 2.5	Pass
				40	3.70	-19.269	-0.0113	-2.5 to 2.5	Pass
				50	3.70	-11.015	-0.0064	-2.5 to 2.5	Pass
	1745	6	0	20	3.15	-12.331	-0.0071	-2.5 to 2.5	Pass
					3.70	-8.183	-0.0047	-2.5 to 2.5	Pass
					4.26	-23.518	-0.0135	-2.5 to 2.5	Pass
				-30	3.70	-13.146	-0.0075	-2.5 to 2.5	Pass
				-20	3.70	-16.723	-0.0096	-2.5 to 2.5	Pass
				-10	3.70	-17.509	-0.0100	-2.5 to 2.5	Pass
				0	3.70	-9.170	-0.0053	-2.5 to 2.5	Pass
				10	3.70	-6.924	-0.0040	-2.5 to 2.5	Pass
				30	3.70	-20.556	-0.0118	-2.5 to 2.5	Pass
				40	3.70	-20.041	-0.0115	-2.5 to 2.5	Pass
				50	3.70	-22.788	-0.0131	-2.5 to 2.5	Pass
	1779.3	6	0	20	3.15	-21.887	-0.0123	-2.5 to 2.5	Pass
					3.70	4.063	0.0023	-2.5 to 2.5	Pass
					4.26	8.669	0.0049	-2.5 to 2.5	Pass
				-30	3.70	11.673	0.0066	-2.5 to 2.5	Pass
				-20	3.70	4.663	0.0026	-2.5 to 2.5	Pass
				-10	3.70	-8.826	-0.0050	-2.5 to 2.5	Pass
				0	3.70	-18.511	-0.0104	-2.5 to 2.5	Pass
				10	3.70	-21.558	-0.0121	-2.5 to 2.5	Pass
				30	3.70	-21.930	-0.0123	-2.5 to 2.5	Pass
				40	3.70	-11.473	-0.0064	-2.5 to 2.5	Pass
				50	3.70	-21.200	-0.0119	-2.5 to 2.5	Pass

2.1.2 B66_3MHz

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	3.15	-17.653	-0.0103	-2.5 to 2.5	Pass
					3.70	-17.681	-0.0103	-2.5 to 2.5	Pass
					4.26	-17.467	-0.0102	-2.5 to 2.5	Pass
				-30	3.70	-16.251	-0.0095	-2.5 to 2.5	Pass
				-20	3.70	-17.552	-0.0103	-2.5 to 2.5	Pass
				-10	3.70	-16.079	-0.0094	-2.5 to 2.5	Pass
				0	3.70	-14.091	-0.0082	-2.5 to 2.5	Pass
				10	3.70	-19.569	-0.0114	-2.5 to 2.5	Pass
				30	3.70	-11.845	-0.0069	-2.5 to 2.5	Pass
				40	3.70	-15.979	-0.0093	-2.5 to 2.5	Pass
				50	3.70	-14.391	-0.0084	-2.5 to 2.5	Pass
	1745	15	0	20	3.15	-16.422	-0.0094	-2.5 to 2.5	Pass
					3.70	-14.277	-0.0082	-2.5 to 2.5	Pass
					4.26	-14.706	-0.0084	-2.5 to 2.5	Pass
				-30	3.70	-13.118	-0.0075	-2.5 to 2.5	Pass
				-20	3.70	-19.226	-0.0110	-2.5 to 2.5	Pass
				-10	3.70	-17.352	-0.0099	-2.5 to 2.5	Pass
				0	3.70	-20.056	-0.0115	-2.5 to 2.5	Pass
				10	3.70	-12.846	-0.0074	-2.5 to 2.5	Pass
				30	3.70	-18.554	-0.0106	-2.5 to 2.5	Pass
				40	3.70	-12.345	-0.0071	-2.5 to 2.5	Pass

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	1778.5	15	0	50	3.70	-6.623	-0.0038	-2.5 to 2.5	Pass
				20	3.15	-16.408	-0.0092	-2.5 to 2.5	Pass
					3.70	-19.813	-0.0111	-2.5 to 2.5	Pass
					4.26	-12.674	-0.0071	-2.5 to 2.5	Pass
				-30	3.70	-21.315	-0.0120	-2.5 to 2.5	Pass
				-20	3.70	-17.610	-0.0099	-2.5 to 2.5	Pass
				-10	3.70	-20.700	-0.0116	-2.5 to 2.5	Pass
				0	3.70	-17.796	-0.0100	-2.5 to 2.5	Pass
				10	3.70	-10.057	-0.0057	-2.5 to 2.5	Pass
				30	3.70	-21.043	-0.0118	-2.5 to 2.5	Pass
				40	3.70	-9.656	-0.0054	-2.5 to 2.5	Pass
				50	3.70	-10.815	-0.0061	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.15	-14.563	-0.0085	-2.5 to 2.5	Pass
					3.70	-16.336	-0.0095	-2.5 to 2.5	Pass
					4.26	-21.257	-0.0124	-2.5 to 2.5	Pass
					3.70	-18.067	-0.0106	-2.5 to 2.5	Pass
				-30	3.70	-18.024	-0.0105	-2.5 to 2.5	Pass
				-20	3.70	-19.627	-0.0115	-2.5 to 2.5	Pass
				-10	3.70	-19.283	-0.0113	-2.5 to 2.5	Pass
				0	3.70	-15.807	-0.0092	-2.5 to 2.5	Pass
				10	3.70	-18.182	-0.0106	-2.5 to 2.5	Pass
				30	3.70	-17.953	-0.0105	-2.5 to 2.5	Pass
				40	3.70	-16.336	-0.0095	-2.5 to 2.5	Pass
				50	3.70	-19.526	-0.0112	-2.5 to 2.5	Pass
	1745	15	0	20	3.70	-22.287	-0.0128	-2.5 to 2.5	Pass
					4.26	-17.924	-0.0103	-2.5 to 2.5	Pass
					3.70	-22.473	-0.0129	-2.5 to 2.5	Pass
					3.70	-17.781	-0.0102	-2.5 to 2.5	Pass
				-30	3.70	-19.770	-0.0113	-2.5 to 2.5	Pass
				-20	3.70	-7.524	-0.0043	-2.5 to 2.5	Pass
				-10	3.70	-19.755	-0.0113	-2.5 to 2.5	Pass
				0	3.70	-13.847	-0.0079	-2.5 to 2.5	Pass
				10	3.70	-11.530	-0.0066	-2.5 to 2.5	Pass
				30	3.70	-9.913	-0.0057	-2.5 to 2.5	Pass
				40	3.70	-9.456	-0.0053	-2.5 to 2.5	Pass
				50	3.70	-15.564	-0.0088	-2.5 to 2.5	Pass
	1778.5	15	0	20	4.26	-17.967	-0.0101	-2.5 to 2.5	Pass
					3.70	-14.906	-0.0084	-2.5 to 2.5	Pass
					3.70	-21.071	-0.0118	-2.5 to 2.5	Pass
					3.70	-21.071	-0.0118	-2.5 to 2.5	Pass
				-30	3.70	-7.868	-0.0044	-2.5 to 2.5	Pass
				-20	3.70	-11.988	-0.0067	-2.5 to 2.5	Pass
				-10	3.70	-7.081	-0.0040	-2.5 to 2.5	Pass
				0	3.70	-7.081	-0.0040	-2.5 to 2.5	Pass
				10	3.70	-13.189	-0.0074	-2.5 to 2.5	Pass
				30	3.70	-9.971	-0.0056	-2.5 to 2.5	Pass
				40	3.70	-14.219	-0.0080	-2.5 to 2.5	Pass
				50	3.70	-14.219	-0.0080	-2.5 to 2.5	Pass

2.1.3 B66_5MHz

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	3.15	-14.677	-0.0086	-2.5 to 2.5	Pass
					3.70	-14.663	-0.0086	-2.5 to 2.5	Pass
					4.26	-13.347	-0.0078	-2.5 to 2.5	Pass
				-30	3.70	-22.602	-0.0132	-2.5 to 2.5	Pass
				-20	3.70	-14.691	-0.0086	-2.5 to 2.5	Pass
				-10	3.70	-10.657	-0.0062	-2.5 to 2.5	Pass
				0	3.70	-6.580	-0.0038	-2.5 to 2.5	Pass
				10	3.70	-6.580	-0.0038	-2.5 to 2.5	Pass

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				10	3.70	3.848	0.0022	-2.5 to 2.5	Pass
				30	3.70	1.674	0.0010	-2.5 to 2.5	Pass
				40	3.70	-0.858	-0.0005	-2.5 to 2.5	Pass
				50	3.70	5.379	0.0031	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	-17.381	-0.0100	-2.5 to 2.5	Pass
					3.70	-17.767	-0.0102	-2.5 to 2.5	Pass
					4.26	-19.112	-0.0110	-2.5 to 2.5	Pass
				-30	3.70	-19.183	-0.0110	-2.5 to 2.5	Pass
				-20	3.70	-15.492	-0.0089	-2.5 to 2.5	Pass
				-10	3.70	-14.892	-0.0085	-2.5 to 2.5	Pass
				0	3.70	-17.996	-0.0103	-2.5 to 2.5	Pass
				10	3.70	-15.650	-0.0090	-2.5 to 2.5	Pass
				30	3.70	-16.279	-0.0093	-2.5 to 2.5	Pass
				40	3.70	-15.607	-0.0089	-2.5 to 2.5	Pass
				50	3.70	-17.724	-0.0102	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.15	-16.966	-0.0095	-2.5 to 2.5	Pass
					3.70	-15.793	-0.0089	-2.5 to 2.5	Pass
					4.26	-19.226	-0.0108	-2.5 to 2.5	Pass
				-30	3.70	-15.364	-0.0086	-2.5 to 2.5	Pass
				-20	3.70	-12.803	-0.0072	-2.5 to 2.5	Pass
				-10	3.70	-12.217	-0.0069	-2.5 to 2.5	Pass
				0	3.70	-18.983	-0.0107	-2.5 to 2.5	Pass
				10	3.70	-17.109	-0.0096	-2.5 to 2.5	Pass
				30	3.70	-14.205	-0.0080	-2.5 to 2.5	Pass
				40	3.70	-16.222	-0.0091	-2.5 to 2.5	Pass
				50	3.70	-13.433	-0.0076	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.15	17.409	0.0102	-2.5 to 2.5	Pass
					3.70	10.943	0.0064	-2.5 to 2.5	Pass
					4.26	11.902	0.0070	-2.5 to 2.5	Pass
				-30	3.70	14.162	0.0083	-2.5 to 2.5	Pass
				-20	3.70	18.010	0.0105	-2.5 to 2.5	Pass
				-10	3.70	18.582	0.0109	-2.5 to 2.5	Pass
				0	3.70	9.270	0.0054	-2.5 to 2.5	Pass
				10	3.70	10.529	0.0061	-2.5 to 2.5	Pass
				30	3.70	7.911	0.0046	-2.5 to 2.5	Pass
				40	3.70	13.733	0.0080	-2.5 to 2.5	Pass
				50	3.70	14.849	0.0087	-2.5 to 2.5	Pass
	1745	25	0	20	3.15	-20.614	-0.0118	-2.5 to 2.5	Pass
					3.70	0.701	0.0004	-2.5 to 2.5	Pass
					4.26	4.363	0.0025	-2.5 to 2.5	Pass
				-30	3.70	1.616	0.0009	-2.5 to 2.5	Pass
				-20	3.70	-1.945	-0.0011	-2.5 to 2.5	Pass
				-10	3.70	-8.469	-0.0049	-2.5 to 2.5	Pass
				0	3.70	-10.371	-0.0059	-2.5 to 2.5	Pass
				10	3.70	-9.971	-0.0057	-2.5 to 2.5	Pass
				30	3.70	-7.625	-0.0044	-2.5 to 2.5	Pass
				40	3.70	-4.034	-0.0023	-2.5 to 2.5	Pass
				50	3.70	-6.866	-0.0039	-2.5 to 2.5	Pass
	1777.5	25	0	20	3.15	3.819	0.0021	-2.5 to 2.5	Pass
					3.70	16.809	0.0095	-2.5 to 2.5	Pass
					4.26	10.300	0.0058	-2.5 to 2.5	Pass
				-30	3.70	17.009	0.0096	-2.5 to 2.5	Pass
				-20	3.70	14.319	0.0081	-2.5 to 2.5	Pass
				-10	3.70	5.836	0.0033	-2.5 to 2.5	Pass
				0	3.70	15.736	0.0089	-2.5 to 2.5	Pass
				10	3.70	5.322	0.0030	-2.5 to 2.5	Pass
				30	3.70	9.170	0.0052	-2.5 to 2.5	Pass
				40	3.70	7.768	0.0044	-2.5 to 2.5	Pass
				50	3.70	14.920	0.0084	-2.5 to 2.5	Pass

2.1.4 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	1715	50	0	20	3.15	-15.049	-0.0088	-2.5 to 2.5	Pass
					3.70	-21.887	-0.0128	-2.5 to 2.5	Pass
					4.26	-12.288	-0.0072	-2.5 to 2.5	Pass
				-30	3.70	-14.749	-0.0086	-2.5 to 2.5	Pass
				-20	3.70	-22.187	-0.0129	-2.5 to 2.5	Pass
				-10	3.70	-17.023	-0.0099	-2.5 to 2.5	Pass
				0	3.70	-15.035	-0.0088	-2.5 to 2.5	Pass
				10	3.70	-13.433	-0.0078	-2.5 to 2.5	Pass
				30	3.70	-6.938	-0.0040	-2.5 to 2.5	Pass
				40	3.70	-8.082	-0.0047	-2.5 to 2.5	Pass
				50	3.70	-8.240	-0.0048	-2.5 to 2.5	Pass
	1745	50	0	20	3.15	-15.078	-0.0086	-2.5 to 2.5	Pass
					3.70	-17.753	-0.0102	-2.5 to 2.5	Pass
					4.26	-18.182	-0.0104	-2.5 to 2.5	Pass
				-30	3.70	-14.920	-0.0086	-2.5 to 2.5	Pass
				-20	3.70	-16.794	-0.0096	-2.5 to 2.5	Pass
				-10	3.70	-10.614	-0.0061	-2.5 to 2.5	Pass
				0	3.70	-13.804	-0.0079	-2.5 to 2.5	Pass
				10	3.70	-17.595	-0.0101	-2.5 to 2.5	Pass
				30	3.70	-18.168	-0.0104	-2.5 to 2.5	Pass
				40	3.70	-15.864	-0.0091	-2.5 to 2.5	Pass
				50	3.70	-17.080	-0.0098	-2.5 to 2.5	Pass
	1775	50	0	20	3.15	-15.736	-0.0089	-2.5 to 2.5	Pass
					3.70	-16.894	-0.0095	-2.5 to 2.5	Pass
					4.26	-14.076	-0.0079	-2.5 to 2.5	Pass
				-30	3.70	-14.248	-0.0080	-2.5 to 2.5	Pass
				-20	3.70	-14.749	-0.0083	-2.5 to 2.5	Pass
				-10	3.70	-13.618	-0.0077	-2.5 to 2.5	Pass
				0	3.70	-14.749	-0.0083	-2.5 to 2.5	Pass
				10	3.70	-15.836	-0.0089	-2.5 to 2.5	Pass
				30	3.70	-7.825	-0.0044	-2.5 to 2.5	Pass
				40	3.70	-8.698	-0.0049	-2.5 to 2.5	Pass
				50	3.70	-11.072	-0.0062	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.15	-2.775	-0.0016	-2.5 to 2.5	Pass
					3.70	0.858	0.0005	-2.5 to 2.5	Pass
					4.26	3.991	0.0023	-2.5 to 2.5	Pass
				-30	3.70	-1.831	-0.0011	-2.5 to 2.5	Pass
				-20	3.70	0.730	0.0004	-2.5 to 2.5	Pass
				-10	3.70	1.116	0.0007	-2.5 to 2.5	Pass
				0	3.70	1.788	0.0010	-2.5 to 2.5	Pass
				10	3.70	-0.100	-0.0001	-2.5 to 2.5	Pass
				30	3.70	0.544	0.0003	-2.5 to 2.5	Pass
				40	3.70	4.191	0.0024	-2.5 to 2.5	Pass
				50	3.70	-7.024	-0.0041	-2.5 to 2.5	Pass
	1745	50	0	20	3.15	8.512	0.0049	-2.5 to 2.5	Pass
					3.70	2.704	0.0015	-2.5 to 2.5	Pass
					4.26	-5.393	-0.0031	-2.5 to 2.5	Pass
				-30	3.70	6.137	0.0035	-2.5 to 2.5	Pass
				-20	3.70	-2.346	-0.0013	-2.5 to 2.5	Pass
				-10	3.70	0.501	0.0003	-2.5 to 2.5	Pass
				0	3.70	0.901	0.0005	-2.5 to 2.5	Pass
				10	3.70	1.044	0.0006	-2.5 to 2.5	Pass

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	1775	50	0	30	3.70	1.960	0.0011	-2.5 to 2.5	Pass
				40	3.70	-5.350	-0.0031	-2.5 to 2.5	Pass
				50	3.70	3.805	0.0022	-2.5 to 2.5	Pass
				20	3.15	5.093	0.0029	-2.5 to 2.5	Pass
					3.70	3.462	0.0020	-2.5 to 2.5	Pass
					4.26	3.762	0.0021	-2.5 to 2.5	Pass
				-30	3.70	7.310	0.0041	-2.5 to 2.5	Pass
				-20	3.70	-8.383	-0.0047	-2.5 to 2.5	Pass
				-10	3.70	-3.748	-0.0021	-2.5 to 2.5	Pass
				0	3.70	1.402	0.0008	-2.5 to 2.5	Pass
				10	3.70	7.839	0.0044	-2.5 to 2.5	Pass
				30	3.70	-1.917	-0.0011	-2.5 to 2.5	Pass
				40	3.70	3.576	0.0020	-2.5 to 2.5	Pass
				50	3.70	-6.609	-0.0037	-2.5 to 2.5	Pass

2.1.5 B66_15MHz

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	3.15	-19.941	-0.0116	-2.5 to 2.5	Pass
					3.70	-19.526	-0.0114	-2.5 to 2.5	Pass
					4.26	-15.178	-0.0088	-2.5 to 2.5	Pass
				-30	3.70	-14.133	-0.0082	-2.5 to 2.5	Pass
				-20	3.70	-17.781	-0.0104	-2.5 to 2.5	Pass
				-10	3.70	-15.779	-0.0092	-2.5 to 2.5	Pass
				0	3.70	-16.723	-0.0097	-2.5 to 2.5	Pass
				10	3.70	-14.462	-0.0084	-2.5 to 2.5	Pass
				30	3.70	-16.394	-0.0095	-2.5 to 2.5	Pass
				40	3.70	-16.079	-0.0094	-2.5 to 2.5	Pass
				50	3.70	-15.950	-0.0093	-2.5 to 2.5	Pass
	1745	75	0	20	3.15	-21.973	-0.0126	-2.5 to 2.5	Pass
					3.70	-15.922	-0.0091	-2.5 to 2.5	Pass
					4.26	-17.524	-0.0100	-2.5 to 2.5	Pass
				-30	3.70	-17.323	-0.0099	-2.5 to 2.5	Pass
				-20	3.70	-15.736	-0.0090	-2.5 to 2.5	Pass
				-10	3.70	-16.208	-0.0093	-2.5 to 2.5	Pass
				0	3.70	-15.707	-0.0090	-2.5 to 2.5	Pass
				10	3.70	-15.936	-0.0091	-2.5 to 2.5	Pass
				30	3.70	-13.361	-0.0077	-2.5 to 2.5	Pass
				40	3.70	-17.195	-0.0099	-2.5 to 2.5	Pass
				50	3.70	-14.906	-0.0085	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.15	-15.478	-0.0087	-2.5 to 2.5	Pass
					3.70	-16.594	-0.0094	-2.5 to 2.5	Pass
					4.26	-16.708	-0.0094	-2.5 to 2.5	Pass
				-30	3.70	-17.095	-0.0096	-2.5 to 2.5	Pass
				-20	3.70	-14.777	-0.0083	-2.5 to 2.5	Pass
				-10	3.70	-15.564	-0.0088	-2.5 to 2.5	Pass
				0	3.70	-15.435	-0.0087	-2.5 to 2.5	Pass
				10	3.70	-16.837	-0.0095	-2.5 to 2.5	Pass
				30	3.70	-17.781	-0.0100	-2.5 to 2.5	Pass
				40	3.70	-15.121	-0.0085	-2.5 to 2.5	Pass
				50	3.70	-18.868	-0.0106	-2.5 to 2.5	Pass
16QAM	1717.5	75	0	20	3.15	2.804	0.0016	-2.5 to 2.5	Pass
					3.70	-1.016	-0.0006	-2.5 to 2.5	Pass
					4.26	-1.073	-0.0006	-2.5 to 2.5	Pass
				-30	3.70	0.072	0.0000	-2.5 to 2.5	Pass
				-20	3.70	-1.745	-0.0010	-2.5 to 2.5	Pass

				-10	3.70	2.818	0.0016	-2.5 to 2.5	Pass
				0	3.70	4.892	0.0028	-2.5 to 2.5	Pass
				10	3.70	11.930	0.0069	-2.5 to 2.5	Pass
				30	3.70	1.130	0.0007	-2.5 to 2.5	Pass
				40	3.70	4.134	0.0024	-2.5 to 2.5	Pass
				50	3.70	-1.502	-0.0009	-2.5 to 2.5	Pass
	1745	75	0	20	3.15	-1.302	-0.0007	-2.5 to 2.5	Pass
					3.70	4.377	0.0025	-2.5 to 2.5	Pass
					4.26	7.095	0.0041	-2.5 to 2.5	Pass
				-30	3.70	-1.330	-0.0008	-2.5 to 2.5	Pass
				-20	3.70	-7.281	-0.0042	-2.5 to 2.5	Pass
				-10	3.70	-3.705	-0.0021	-2.5 to 2.5	Pass
				0	3.70	-3.033	-0.0017	-2.5 to 2.5	Pass
				10	3.70	-1.431	-0.0008	-2.5 to 2.5	Pass
				30	3.70	-0.286	-0.0002	-2.5 to 2.5	Pass
				40	3.70	4.735	0.0027	-2.5 to 2.5	Pass
				50	3.70	-6.123	-0.0035	-2.5 to 2.5	Pass
	1772.5	75	0	20	3.15	-1.216	-0.0007	-2.5 to 2.5	Pass
					3.70	-11.501	-0.0065	-2.5 to 2.5	Pass
					4.26	-2.875	-0.0016	-2.5 to 2.5	Pass
				-30	3.70	-11.773	-0.0066	-2.5 to 2.5	Pass
				-20	3.70	-0.758	-0.0004	-2.5 to 2.5	Pass
				-10	3.70	-8.655	-0.0049	-2.5 to 2.5	Pass
				0	3.70	-6.294	-0.0036	-2.5 to 2.5	Pass
				10	3.70	-0.501	-0.0003	-2.5 to 2.5	Pass
				30	3.70	-4.220	-0.0024	-2.5 to 2.5	Pass
				40	3.70	-7.210	-0.0041	-2.5 to 2.5	Pass
				50	3.70	-12.259	-0.0069	-2.5 to 2.5	Pass

2.1.6 B66_20MHz

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	3.15	-17.724	-0.0103	-2.5 to 2.5	Pass
					3.70	-15.535	-0.0090	-2.5 to 2.5	Pass
					4.26	-16.179	-0.0094	-2.5 to 2.5	Pass
				-30	3.70	-17.166	-0.0100	-2.5 to 2.5	Pass
				-20	3.70	-17.095	-0.0099	-2.5 to 2.5	Pass
				-10	3.70	-15.249	-0.0089	-2.5 to 2.5	Pass
				0	3.70	-14.606	-0.0085	-2.5 to 2.5	Pass
				10	3.70	-13.690	-0.0080	-2.5 to 2.5	Pass
				30	3.70	-16.723	-0.0097	-2.5 to 2.5	Pass
				40	3.70	-11.258	-0.0065	-2.5 to 2.5	Pass
				50	3.70	-16.265	-0.0095	-2.5 to 2.5	Pass
	1745	100	0	20	3.15	-16.122	-0.0092	-2.5 to 2.5	Pass
					3.70	-16.022	-0.0092	-2.5 to 2.5	Pass
					4.26	-14.234	-0.0082	-2.5 to 2.5	Pass
				-30	3.70	-15.793	-0.0091	-2.5 to 2.5	Pass
				-20	3.70	-15.063	-0.0086	-2.5 to 2.5	Pass
				-10	3.70	-16.537	-0.0095	-2.5 to 2.5	Pass
				0	3.70	-15.078	-0.0086	-2.5 to 2.5	Pass
				10	3.70	-14.448	-0.0083	-2.5 to 2.5	Pass
				30	3.70	-16.837	-0.0096	-2.5 to 2.5	Pass
				40	3.70	-13.204	-0.0076	-2.5 to 2.5	Pass
				50	3.70	-14.405	-0.0083	-2.5 to 2.5	Pass
	1770	100	0	20	3.15	-19.383	-0.0110	-2.5 to 2.5	Pass
					3.70	-17.438	-0.0099	-2.5 to 2.5	Pass

					4.26	-17.323	-0.0098	-2.5 to 2.5	Pass
				-30	3.70	-17.552	-0.0099	-2.5 to 2.5	Pass
				-20	3.70	-15.664	-0.0088	-2.5 to 2.5	Pass
				-10	3.70	-14.591	-0.0082	-2.5 to 2.5	Pass
				0	3.70	-15.435	-0.0087	-2.5 to 2.5	Pass
				10	3.70	-16.665	-0.0094	-2.5 to 2.5	Pass
				30	3.70	-15.593	-0.0088	-2.5 to 2.5	Pass
				40	3.70	-19.584	-0.0111	-2.5 to 2.5	Pass
16QAM	1720	100	0		3.70	-12.288	-0.0069	-2.5 to 2.5	Pass
				20	3.15	-0.544	-0.0003	-2.5 to 2.5	Pass
					3.70	-5.994	-0.0035	-2.5 to 2.5	Pass
					4.26	-9.313	-0.0054	-2.5 to 2.5	Pass
				-30	3.70	-2.747	-0.0016	-2.5 to 2.5	Pass
				-20	3.70	1.616	0.0009	-2.5 to 2.5	Pass
				-10	3.70	-6.337	-0.0037	-2.5 to 2.5	Pass
				0	3.70	2.275	0.0013	-2.5 to 2.5	Pass
				10	3.70	-4.649	-0.0027	-2.5 to 2.5	Pass
				30	3.70	-12.460	-0.0072	-2.5 to 2.5	Pass
	1745	100	0	40	3.70	-0.672	-0.0004	-2.5 to 2.5	Pass
				50	3.70	-8.240	-0.0048	-2.5 to 2.5	Pass
				20	3.15	-3.119	-0.0018	-2.5 to 2.5	Pass
					3.70	-0.973	-0.0006	-2.5 to 2.5	Pass
					4.26	-5.250	-0.0030	-2.5 to 2.5	Pass
				-30	3.70	2.346	0.0013	-2.5 to 2.5	Pass
				-20	3.70	4.992	0.0029	-2.5 to 2.5	Pass
				-10	3.70	5.937	0.0034	-2.5 to 2.5	Pass
				0	3.70	2.418	0.0014	-2.5 to 2.5	Pass
				10	3.70	2.518	0.0014	-2.5 to 2.5	Pass
	1770	100	0	30	3.70	4.148	0.0024	-2.5 to 2.5	Pass
				40	3.70	-0.830	-0.0005	-2.5 to 2.5	Pass
				50	3.70	4.535	0.0026	-2.5 to 2.5	Pass
				20	3.15	2.532	0.0014	-2.5 to 2.5	Pass
					3.70	4.935	0.0028	-2.5 to 2.5	Pass
					4.26	5.965	0.0034	-2.5 to 2.5	Pass
				-30	3.70	5.722	0.0032	-2.5 to 2.5	Pass
				-20	3.70	5.093	0.0029	-2.5 to 2.5	Pass
				-10	3.70	2.789	0.0016	-2.5 to 2.5	Pass
				0	3.70	1.731	0.0010	-2.5 to 2.5	Pass
				10	3.70	-0.987	-0.0006	-2.5 to 2.5	Pass
				30	3.70	-0.529	-0.0003	-2.5 to 2.5	Pass
				40	3.70	7.854	0.0044	-2.5 to 2.5	Pass
				50	3.70	9.441	0.0053	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B66_1.4MHz

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

3.1.2 B66_3MHz

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

3.1.3 B66_5MHz

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

3.1.4 B66_10MHz

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

3.1.5 B66_15MHz

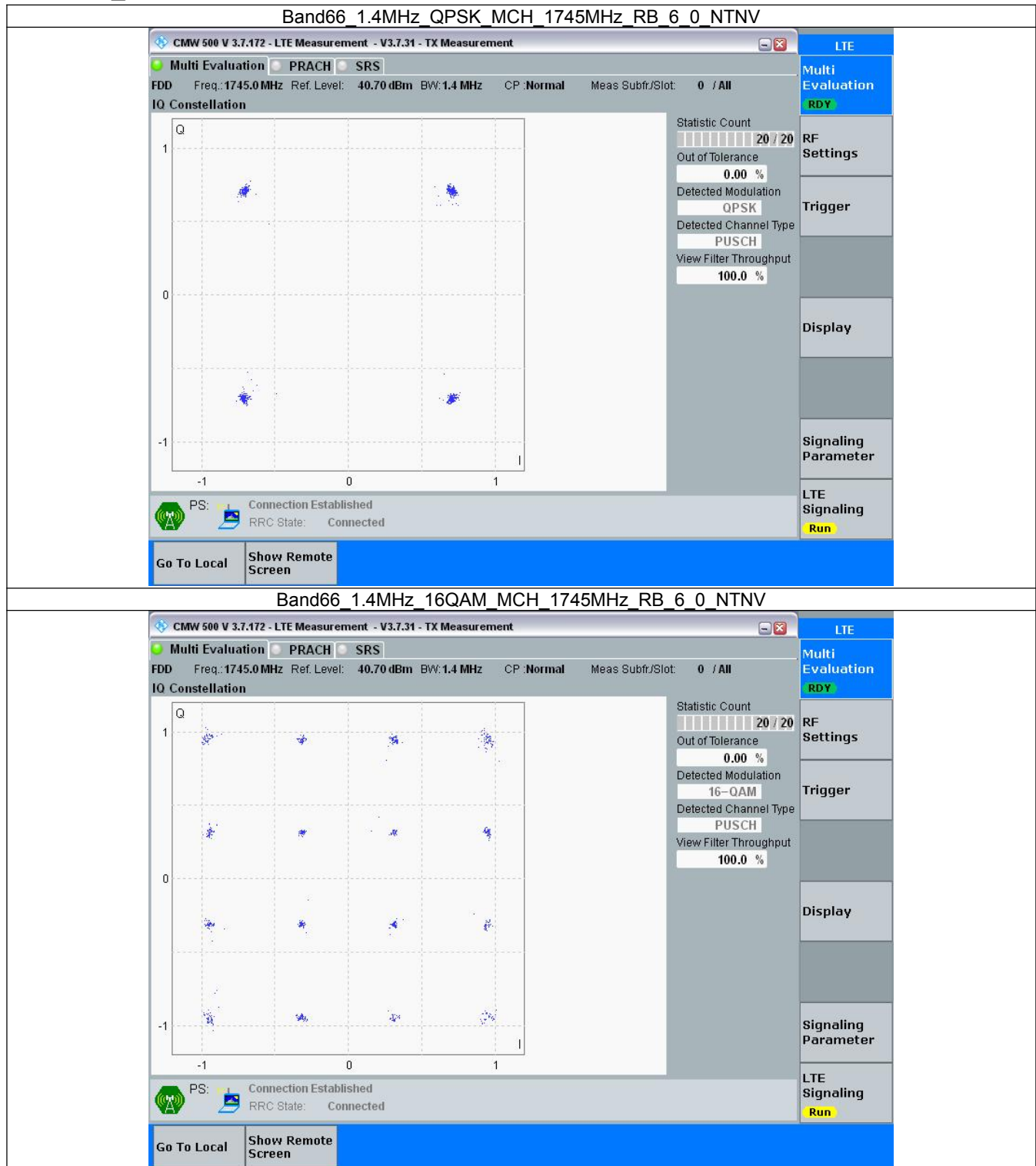
Band: 66 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	75	0	Refer To Test Graph		Pass
16QAM	1745	75	0	Refer To Test Graph		Pass

3.1.6 B66_20MHz

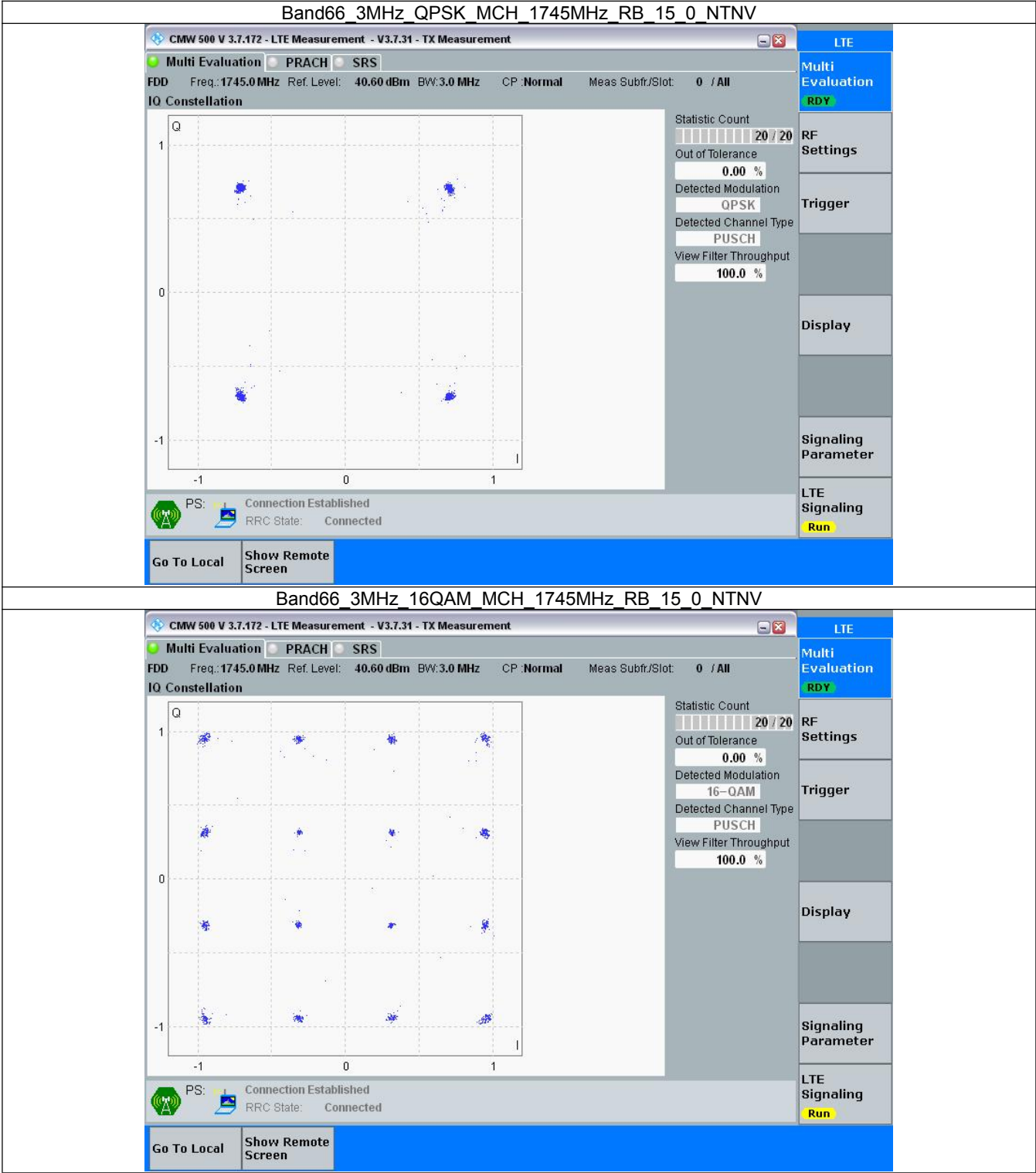
Band: 66 / Bandwidth: 20MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1745	100	0	Refer To Test Graph		Pass
16QAM	1745	100	0	Refer To Test Graph		Pass

3.2 Test Graph

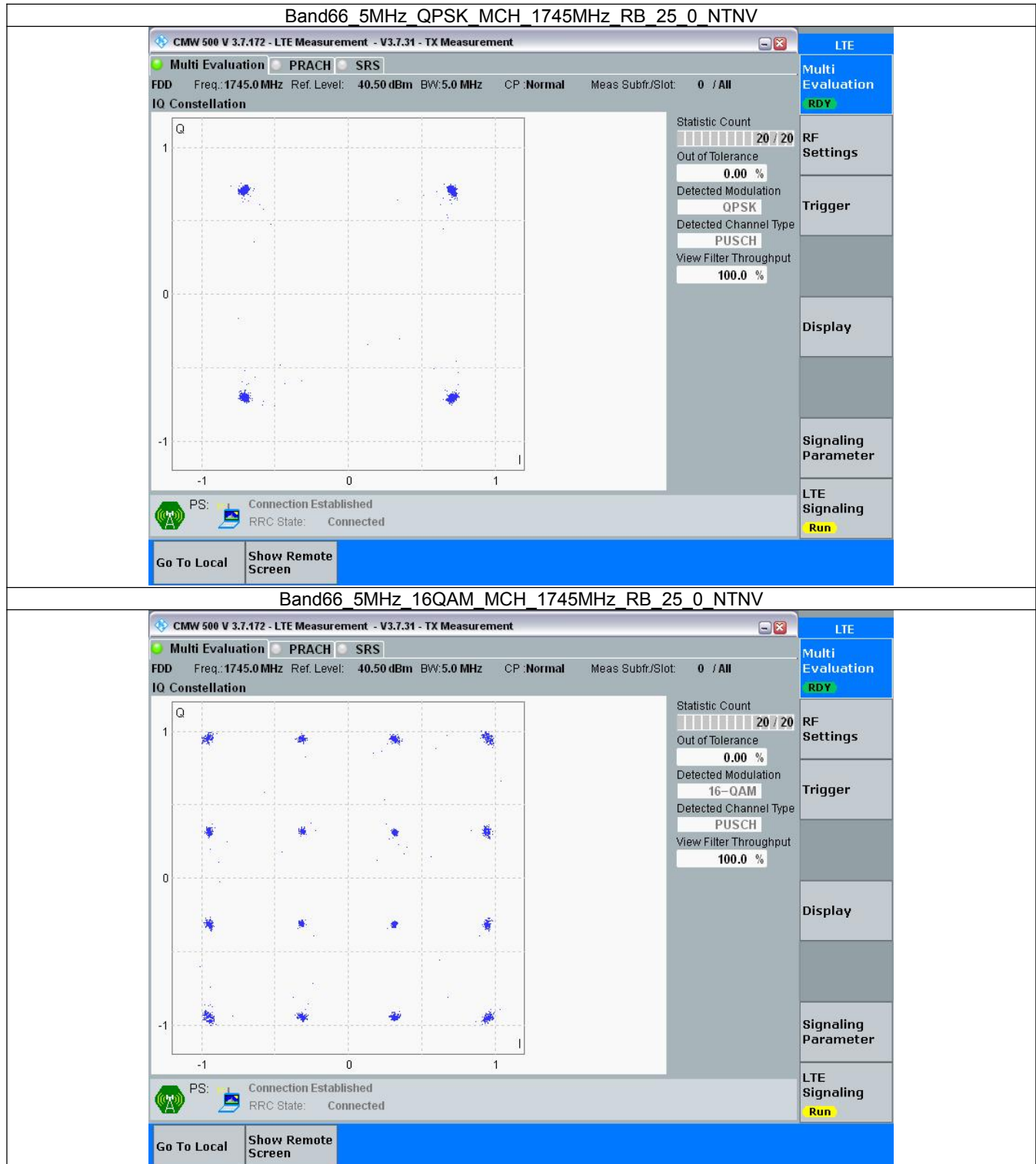
3.2.1 B66_1.4MHz



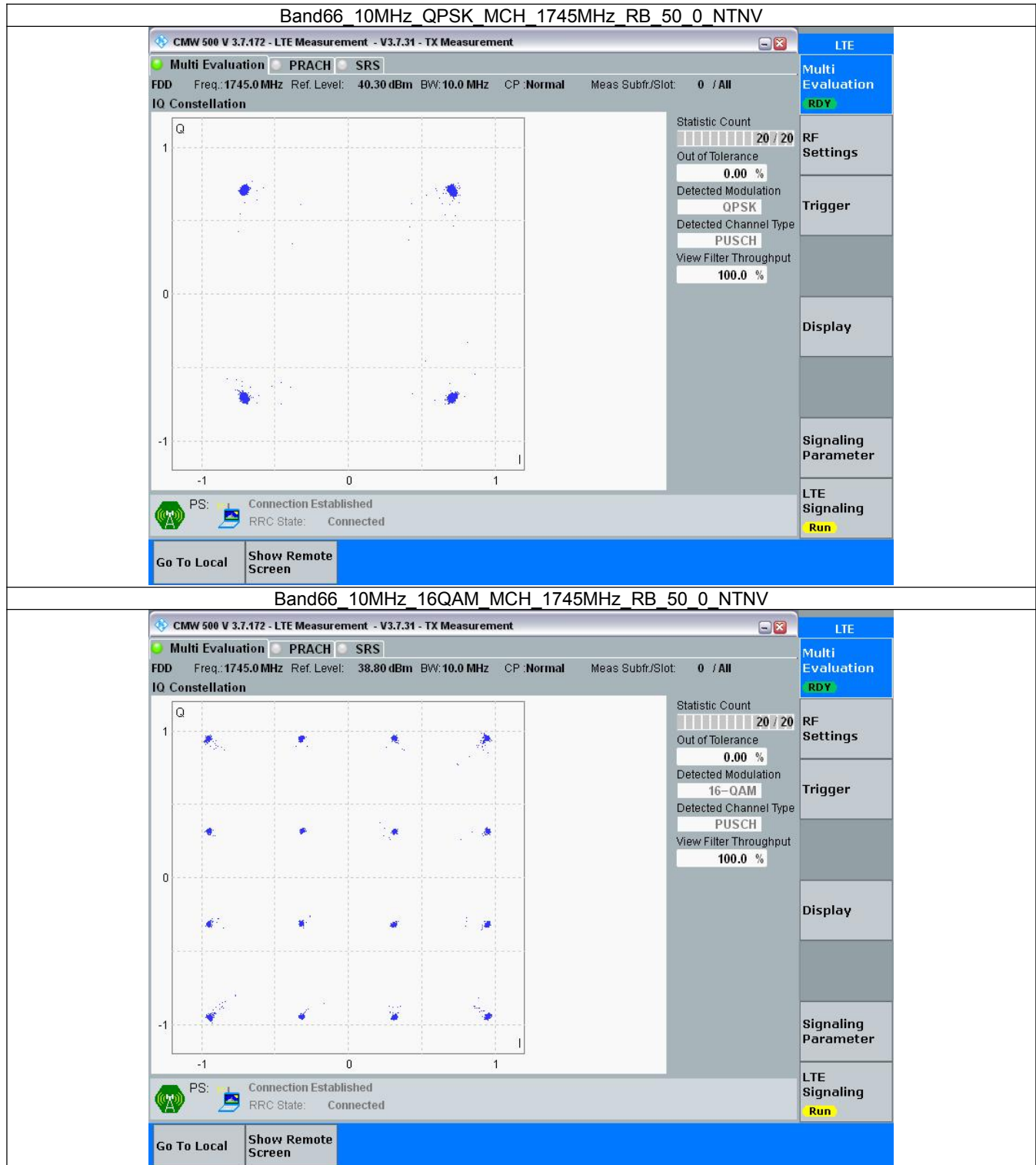
3.2.2 B66_3MHz



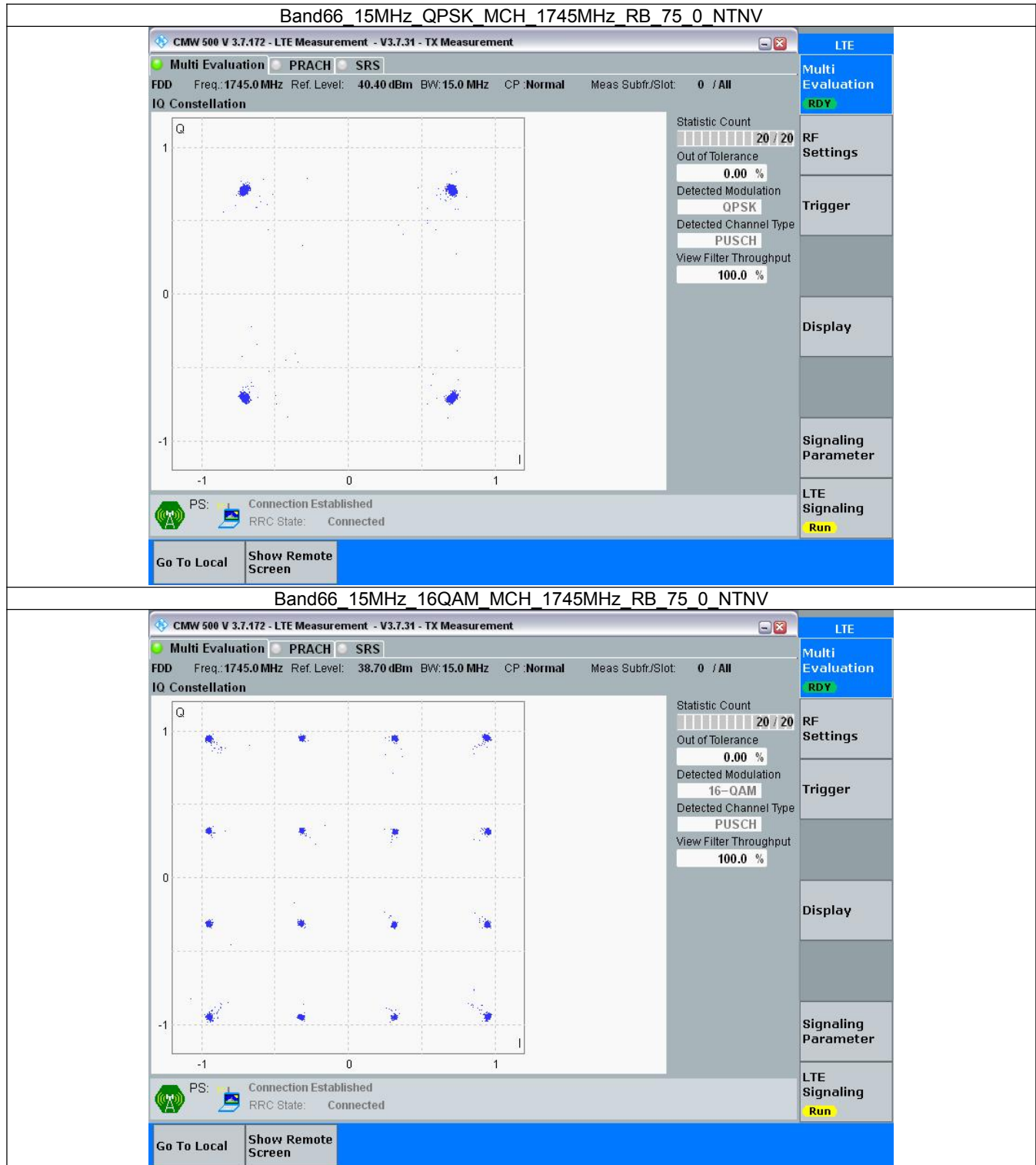
3.2.3 B66_5MHz



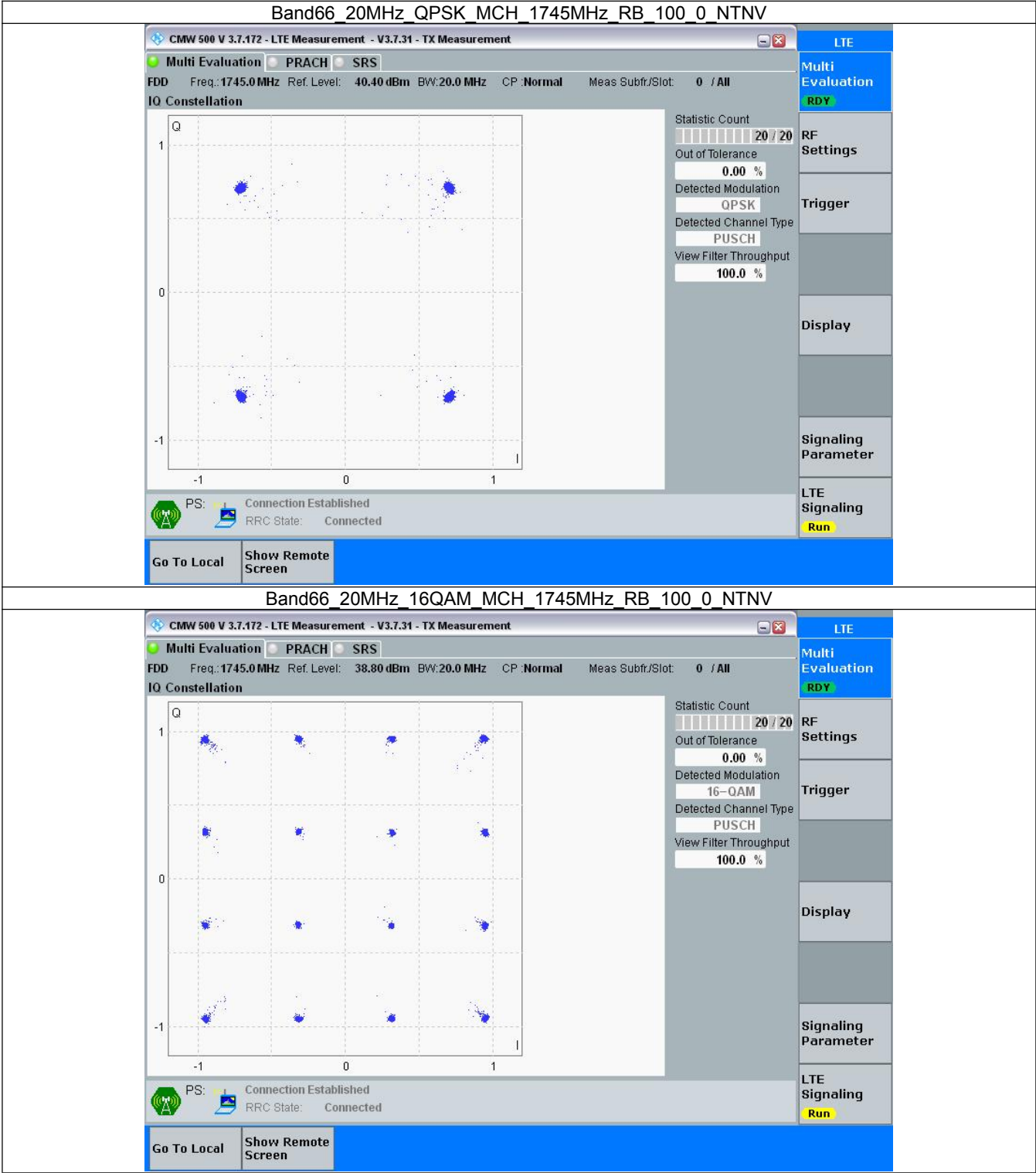
3.2.4 B66_10MHz



3.2.5 B66_15MHz



3.2.6 B66_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band66_OBW

Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.105	/	Pass
		1745	6	0	1.120	/	Pass
		1779.3	6	0	1.119	/	Pass
	16QAM	1710.7	6	0	1.104	/	Pass
		1745	6	0	1.109	/	Pass
		1779.3	6	0	1.099	/	Pass
3	QPSK	1711.5	15	0	2.746	/	Pass
		1745	15	0	2.748	/	Pass
		1778.5	15	0	2.754	/	Pass
	16QAM	1711.5	15	0	2.738	/	Pass
		1745	15	0	2.731	/	Pass
		1778.5	15	0	2.738	/	Pass
5	QPSK	1712.5	25	0	4.569	/	Pass
		1745	25	0	4.551	/	Pass
		1777.5	25	0	4.539	/	Pass
	16QAM	1712.5	25	0	4.544	/	Pass
		1745	25	0	4.554	/	Pass
		1777.5	25	0	4.563	/	Pass
10	QPSK	1715	50	0	9.058	/	Pass
		1745	50	0	9.055	/	Pass
		1775	50	0	9.046	/	Pass
	16QAM	1715	50	0	9.079	/	Pass
		1745	50	0	9.040	/	Pass
		1775	50	0	9.035	/	Pass
15	QPSK	1717.5	75	0	13.573	/	Pass
		1745	75	0	13.526	/	Pass
		1772.5	75	0	13.518	/	Pass
	16QAM	1717.5	75	0	13.580	/	Pass
		1745	75	0	13.564	/	Pass
		1772.5	75	0	13.555	/	Pass
20	QPSK	1720	100	0	18.072	/	Pass
		1745	100	0	18.074	/	Pass
		1770	100	0	18.064	/	Pass
	16QAM	1720	100	0	18.108	/	Pass
		1745	100	0	18.113	/	Pass
		1770	100	0	18.017	/	Pass

4.1.2 Band66_XDB

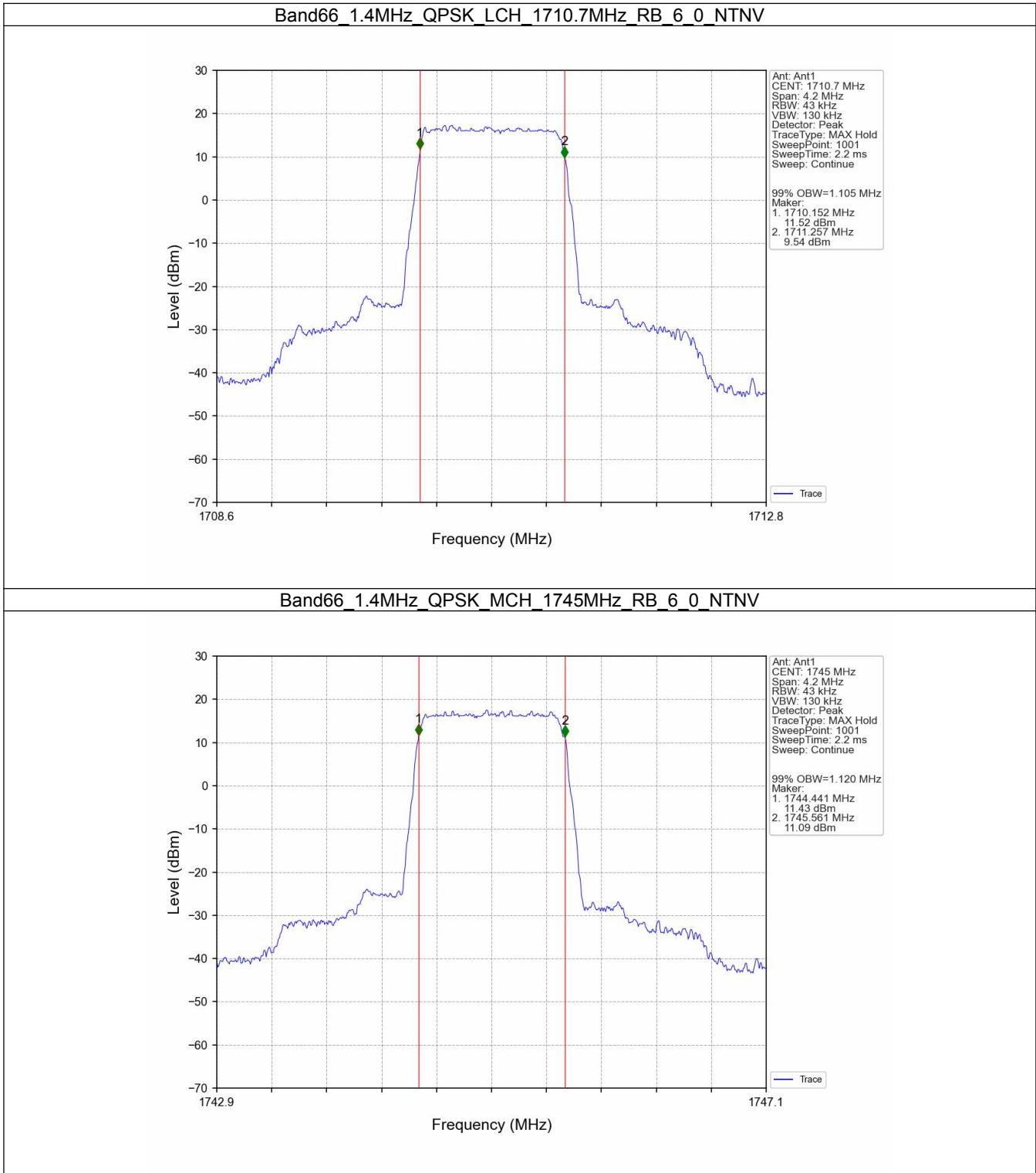
Band: 66 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.267	/	Pass
		1745	6	0	1.260	/	Pass
		1779.3	6	0	1.262	/	Pass

Model: MDPT3301LE

	16QAM	1710.7	6	0	1.256	/	Pass
		1745	6	0	1.263	/	Pass
		1779.3	6	0	1.264	/	Pass
3	QPSK	1711.5	15	0	3.086	/	Pass
		1745	15	0	3.061	/	Pass
		1778.5	15	0	3.068	/	Pass
	16QAM	1711.5	15	0	3.061	/	Pass
		1745	15	0	3.069	/	Pass
		1778.5	15	0	3.075	/	Pass
5	QPSK	1712.5	25	0	5.041	/	Pass
		1745	25	0	5.075	/	Pass
		1777.5	25	0	5.091	/	Pass
	16QAM	1712.5	25	0	5.050	/	Pass
		1745	25	0	5.079	/	Pass
		1777.5	25	0	5.039	/	Pass
10	QPSK	1715	50	0	10.008	/	Pass
		1745	50	0	10.020	/	Pass
		1775	50	0	9.932	/	Pass
	16QAM	1715	50	0	9.969	/	Pass
		1745	50	0	10.015	/	Pass
		1775	50	0	9.966	/	Pass
15	QPSK	1717.5	75	0	14.893	/	Pass
		1745	75	0	14.998	/	Pass
		1772.5	75	0	15.040	/	Pass
	16QAM	1717.5	75	0	14.944	/	Pass
		1745	75	0	15.018	/	Pass
		1772.5	75	0	14.869	/	Pass
20	QPSK	1720	100	0	19.873	/	Pass
		1745	100	0	19.833	/	Pass
		1770	100	0	19.826	/	Pass
	16QAM	1720	100	0	19.890	/	Pass
		1745	100	0	19.843	/	Pass
		1770	100	0	19.606	/	Pass

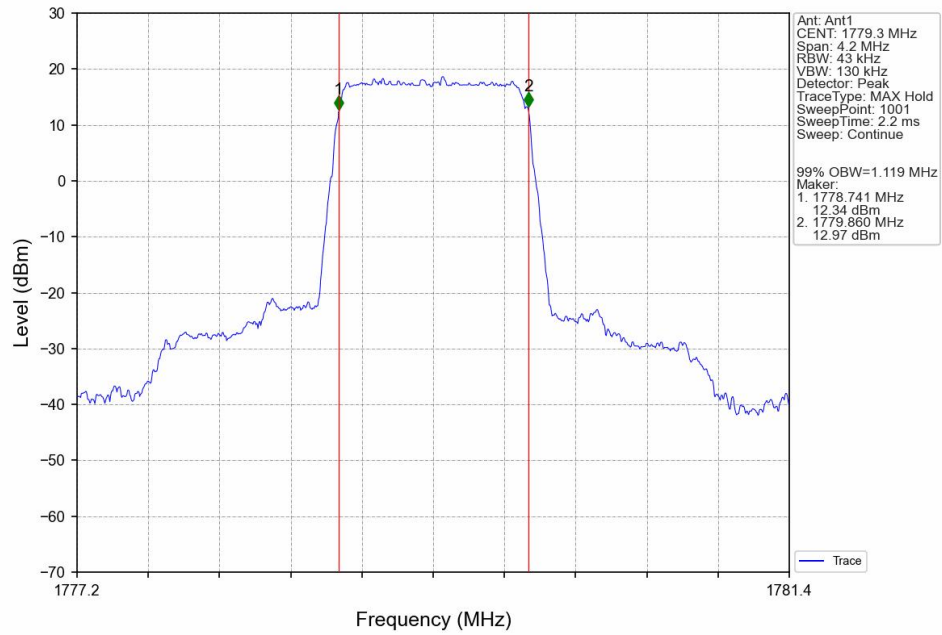
4.2 Test Graph

4.2.1 Band66_OBW

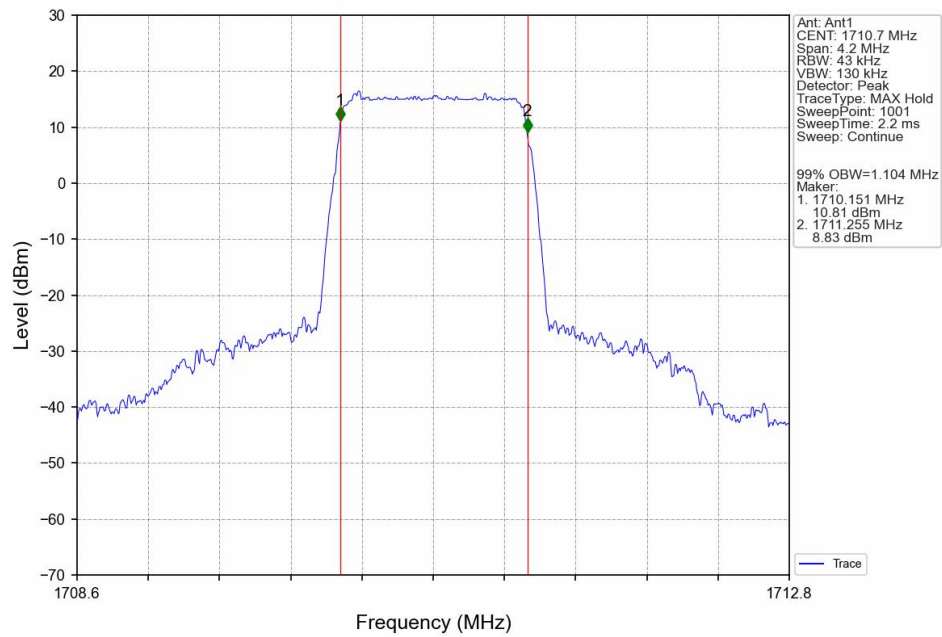


Model: MDPT3301LE

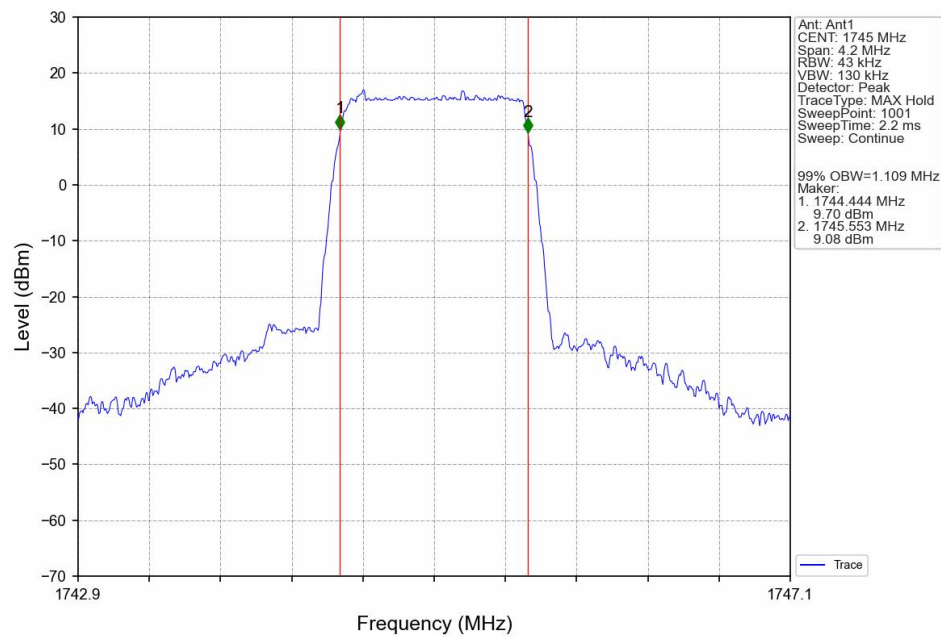
Band66_1.4MHz_QPSK_HCH_1779.3MHz_RB_6_0_NTNV



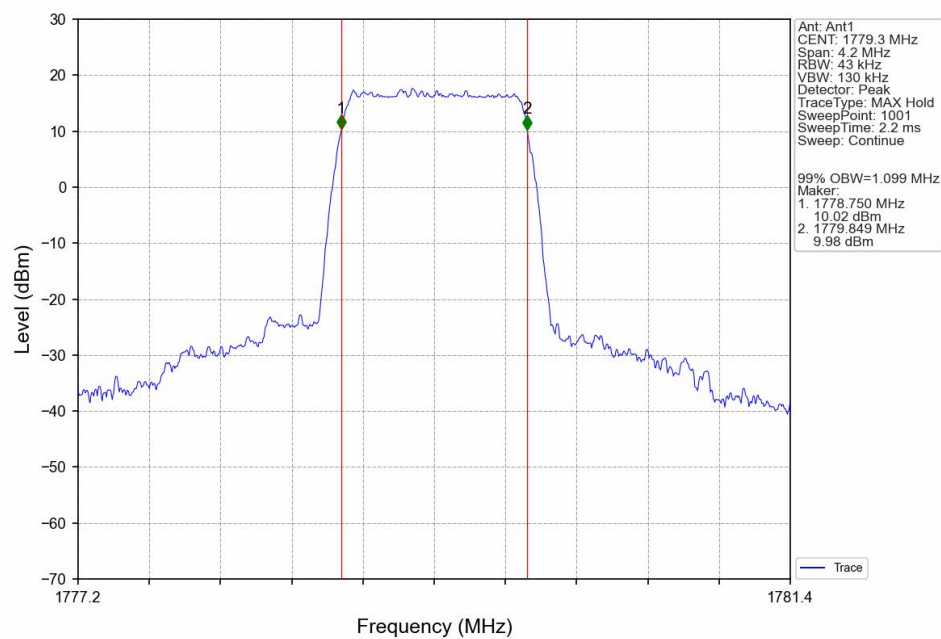
Band66_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



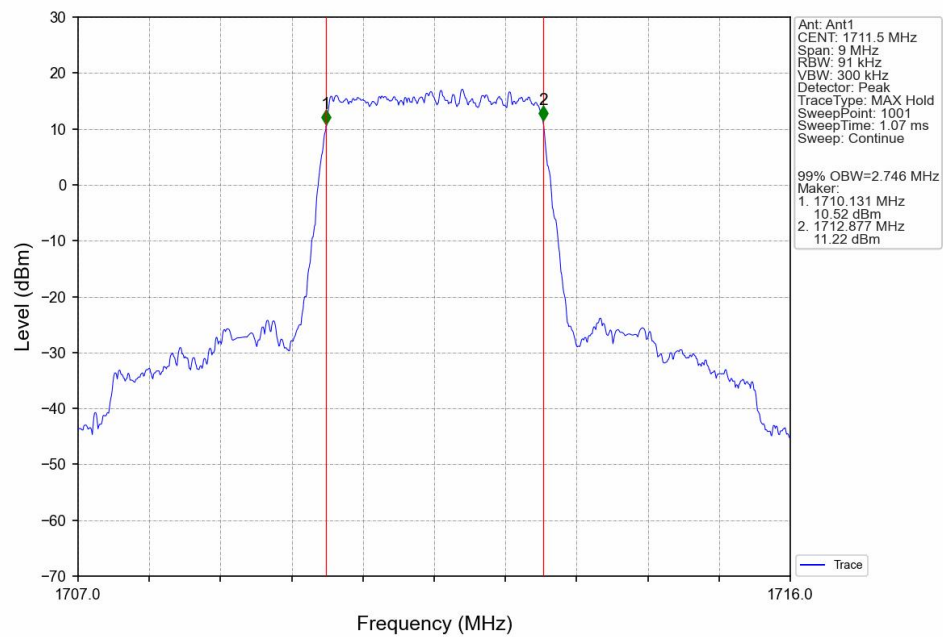
Band66_1.4MHz_16QAM_MCH_1745MHz_RB_6_0_NTNV



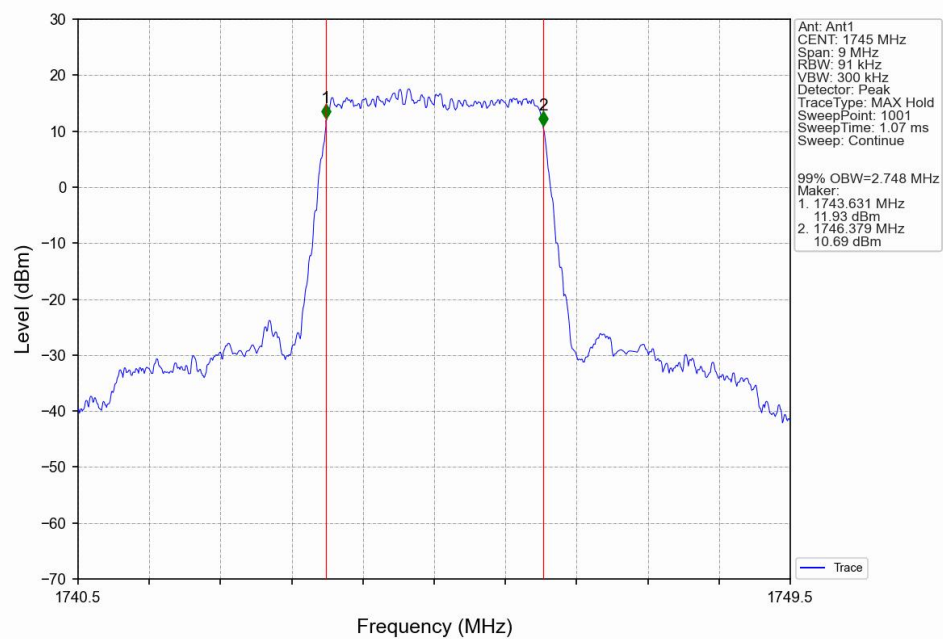
Band66_1.4MHz_16QAM_HCH_1779.3MHz_RB_6_0_NTNV



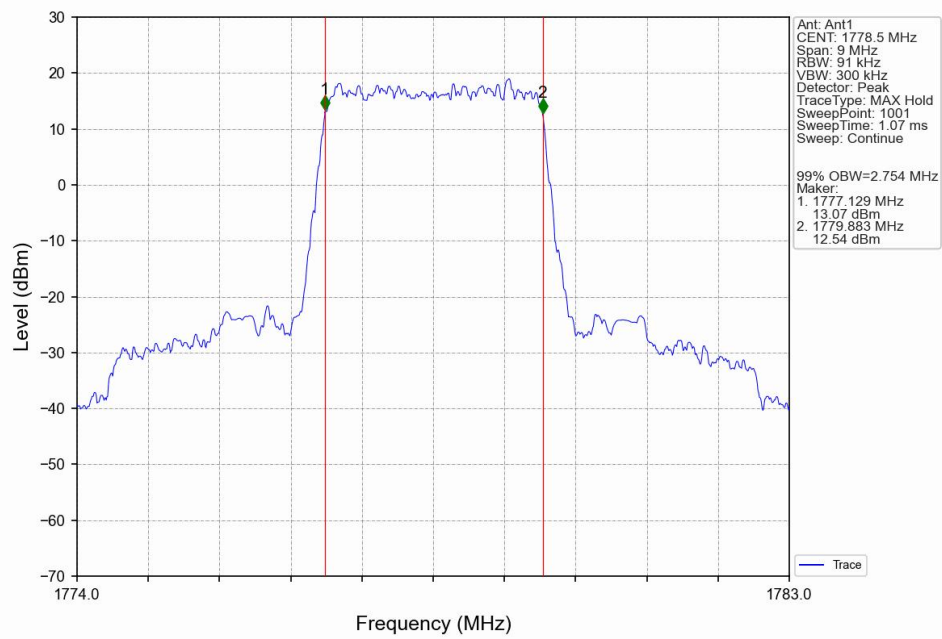
Band66_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



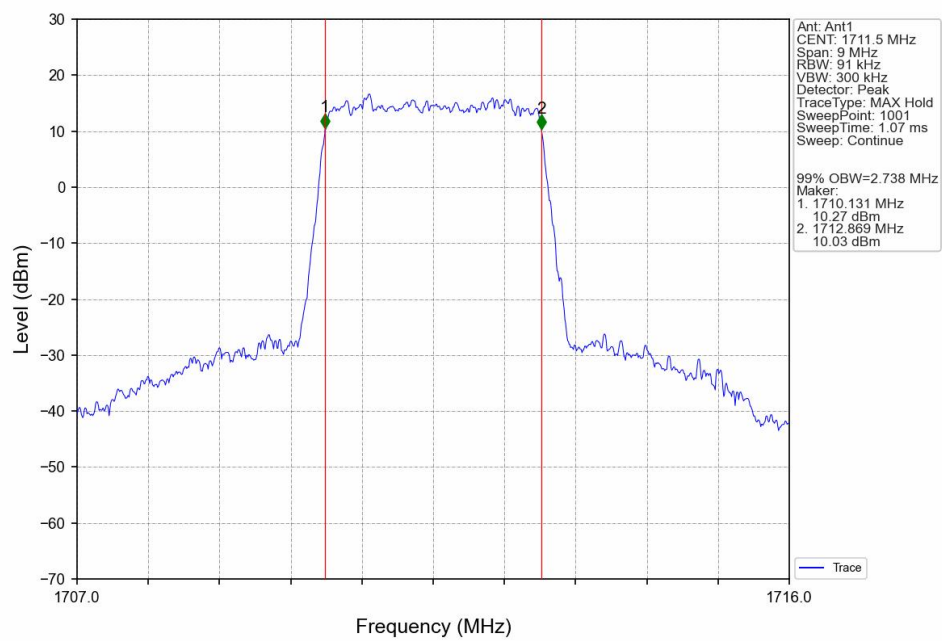
Band66_3MHz_QPSK_MCH_1745MHz_RB_15_0_NTNV



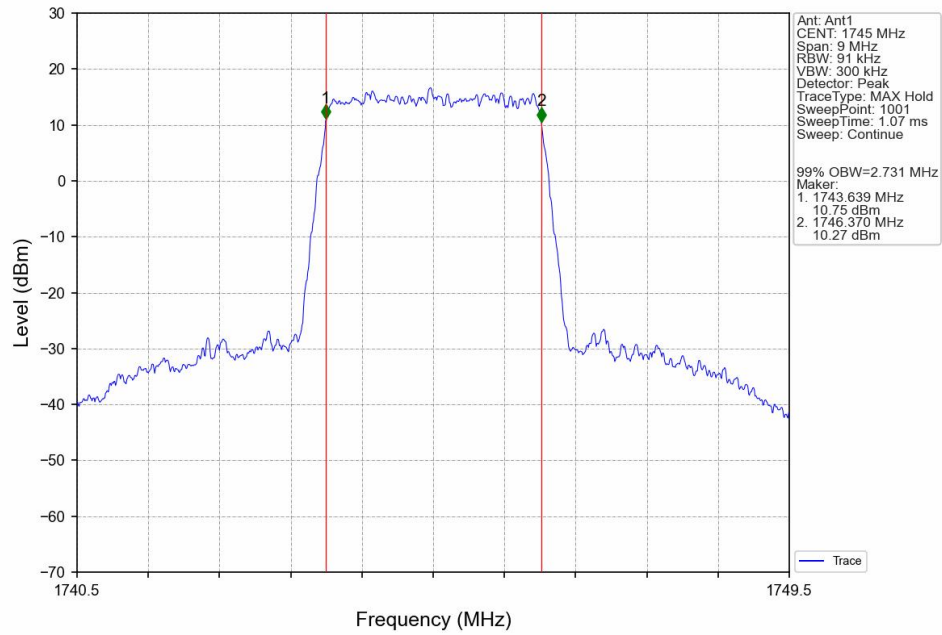
Band66_3MHz_QPSK_HCH_1778.5MHz_RB_15_0_NTNV



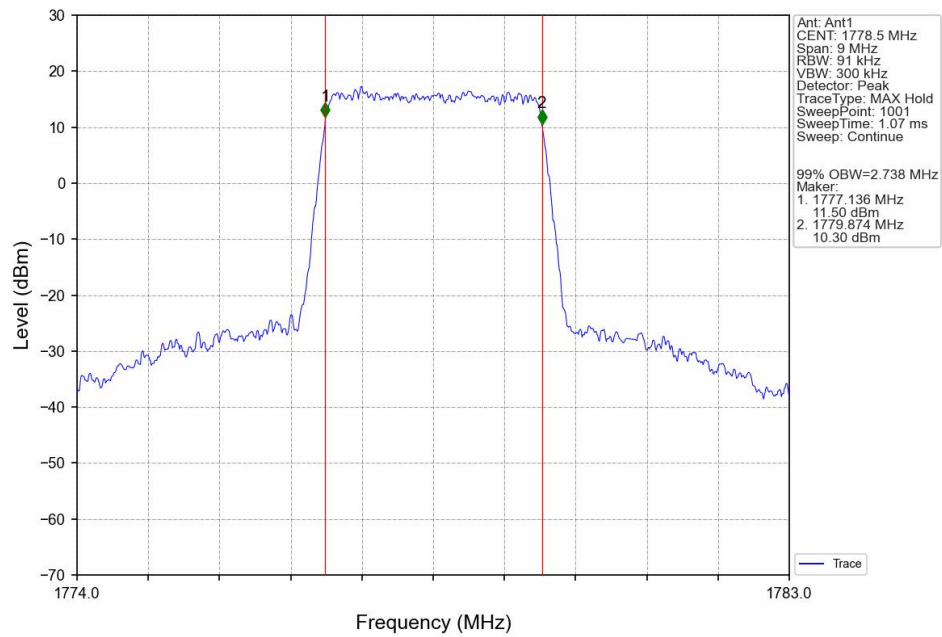
Band66_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



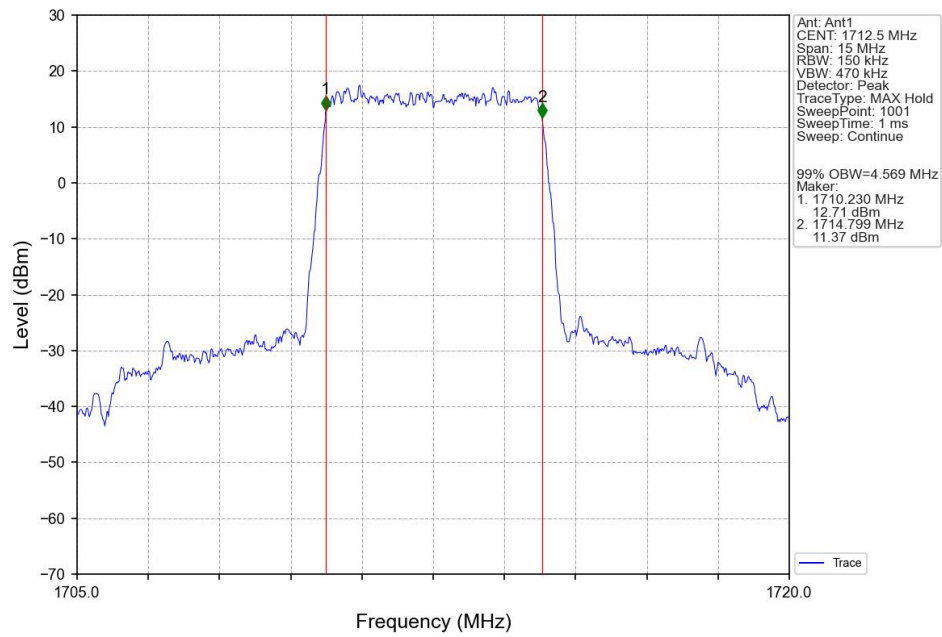
Band66_3MHz_16QAM_MCH_1745MHz_RB_15_0_NTNV



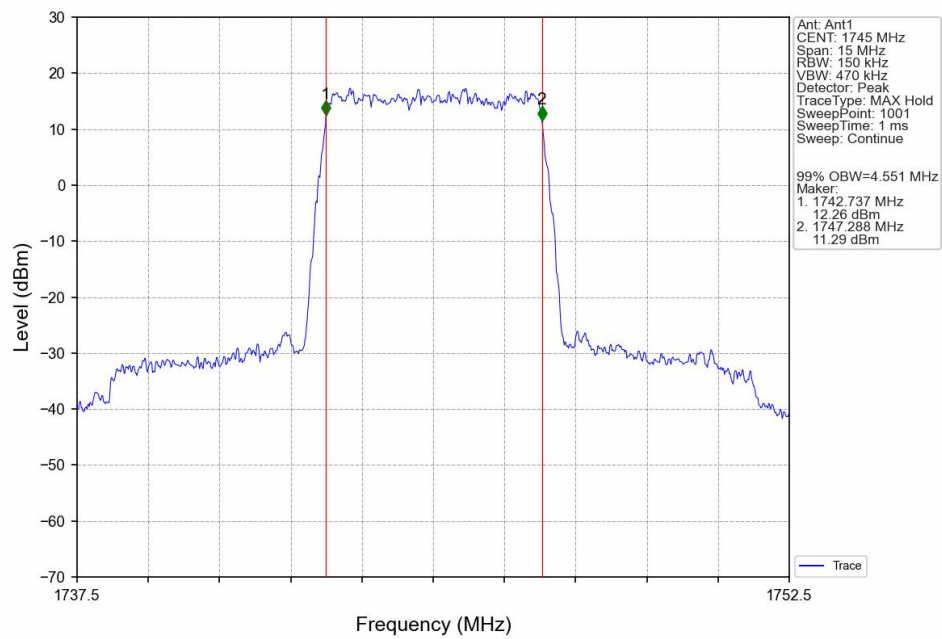
Band66_3MHz_16QAM_HCH_1778.5MHz_RB_15_0_NTNV



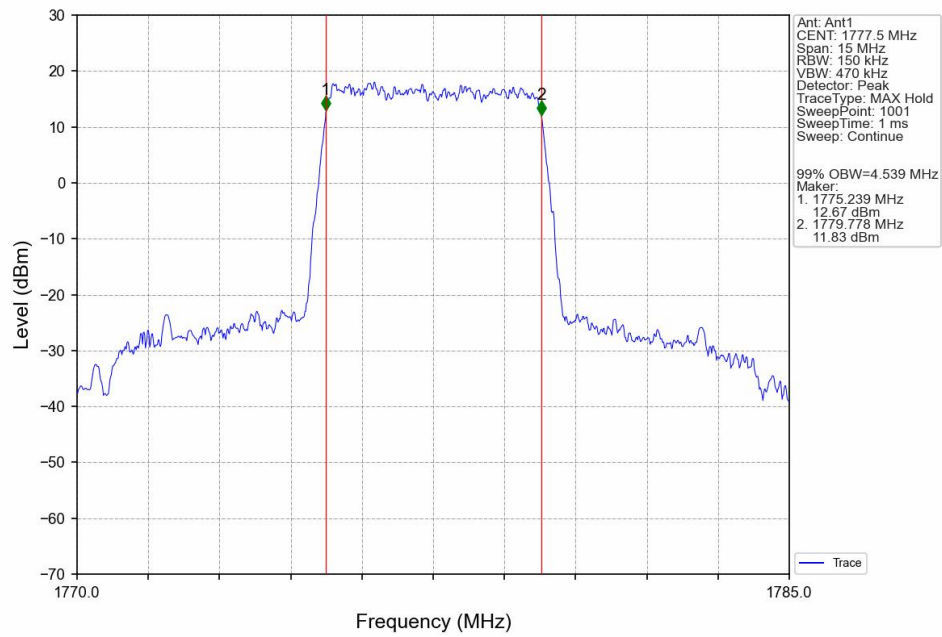
Band66_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



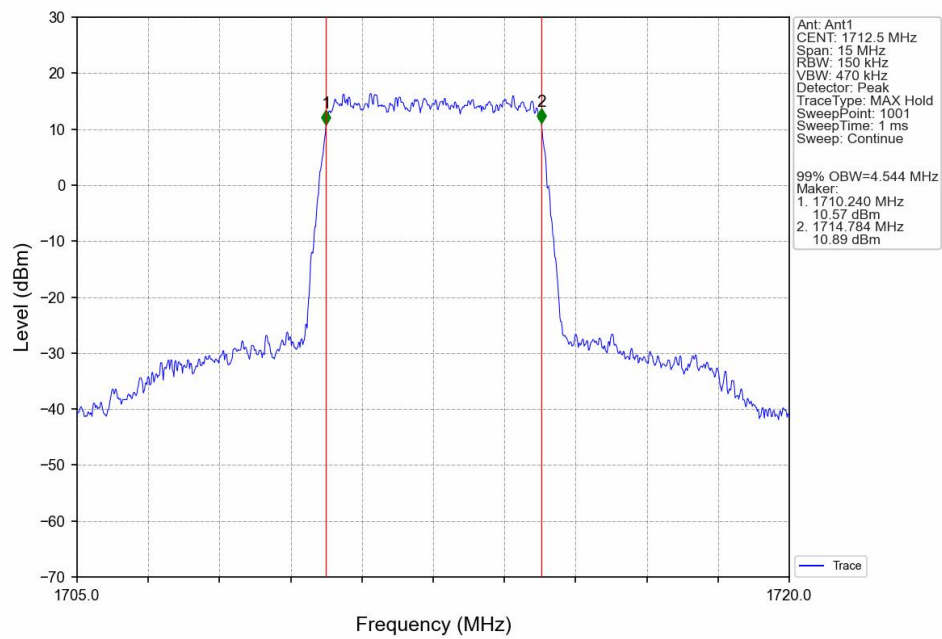
Band66_5MHz_QPSK_MCH_1745MHz_RB_25_0_NTNV



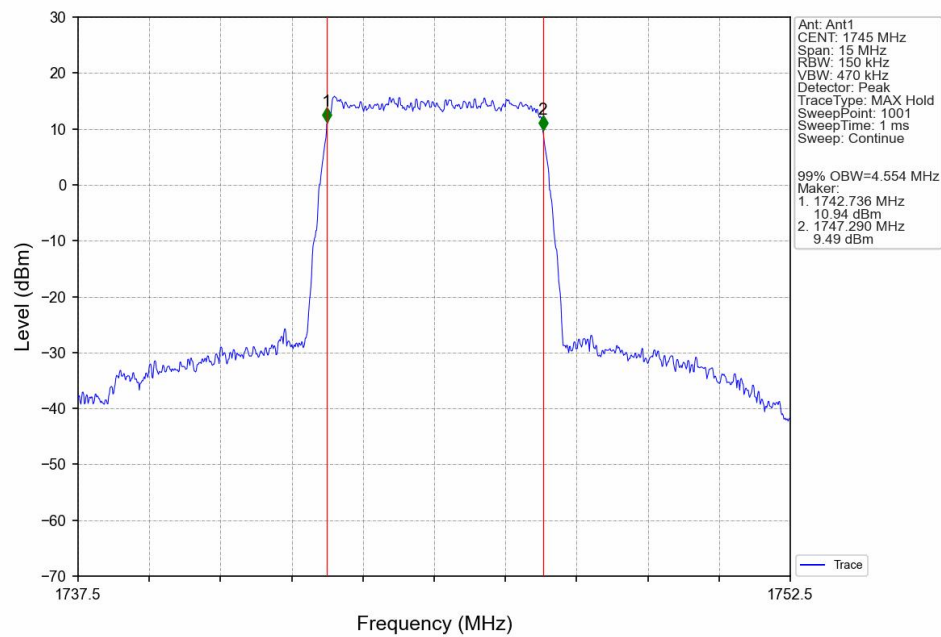
Band66_5MHz_QPSK_HCH_1777.5MHz_RB_25_0_NTNV



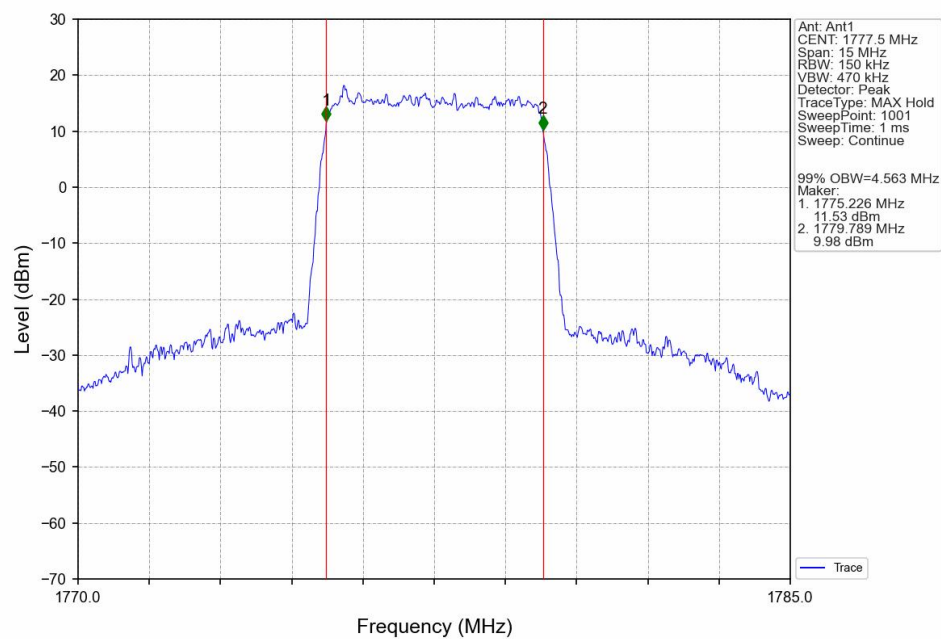
Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



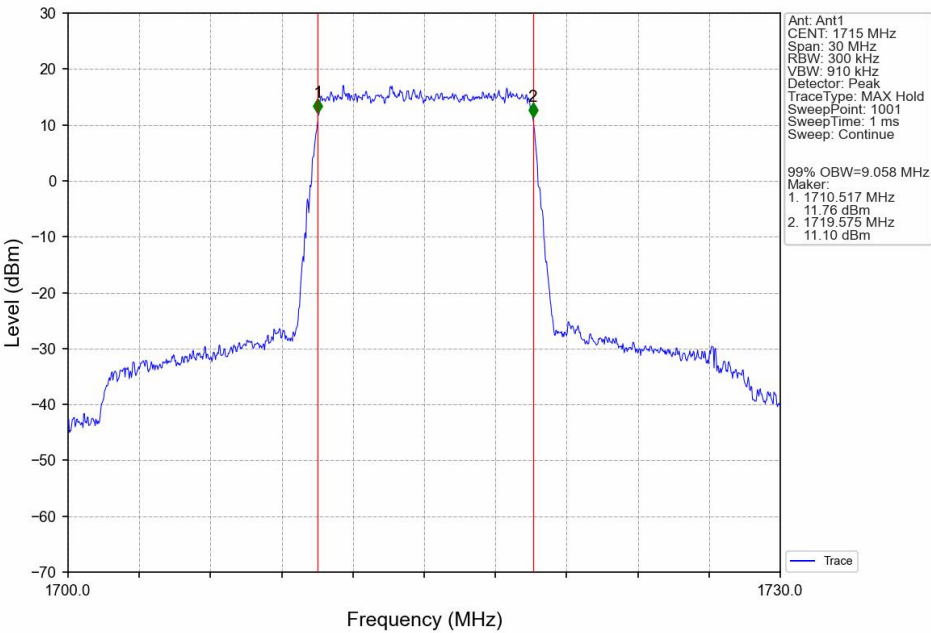
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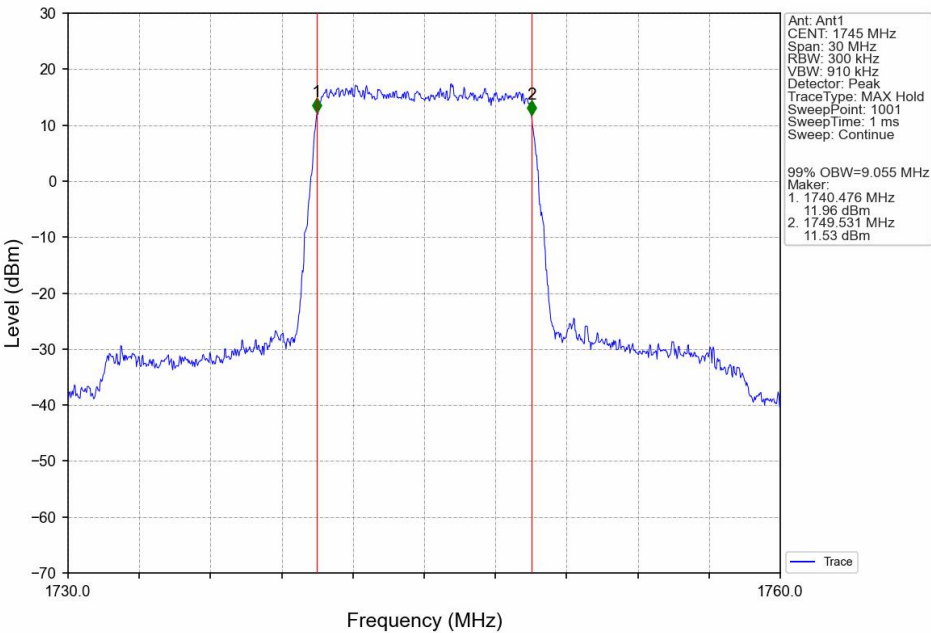
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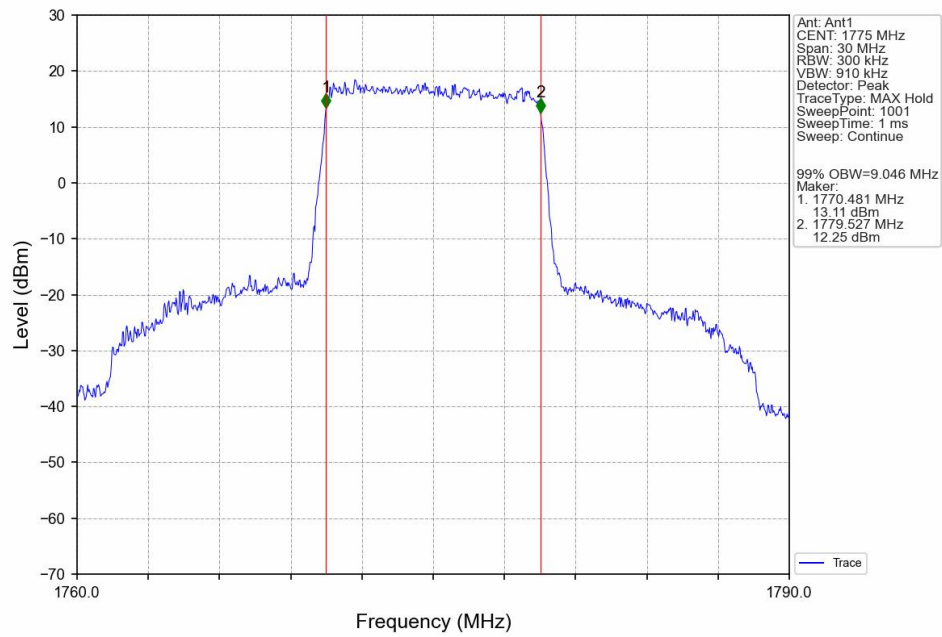
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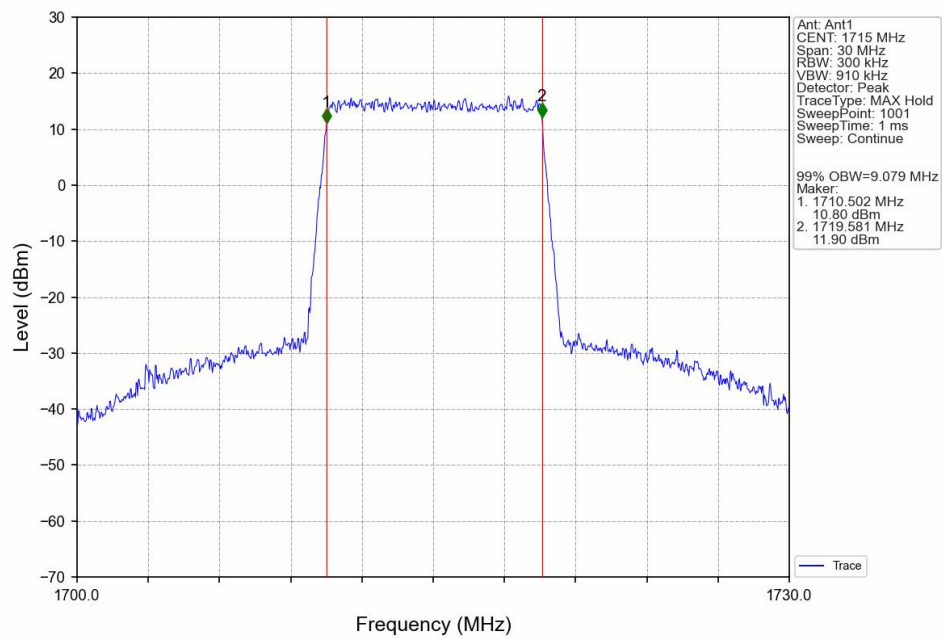
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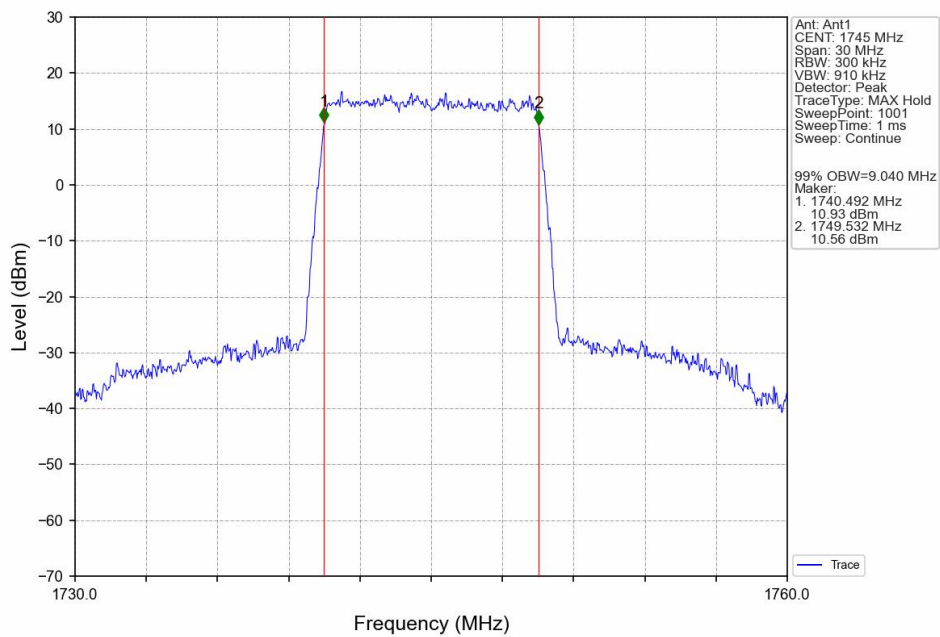
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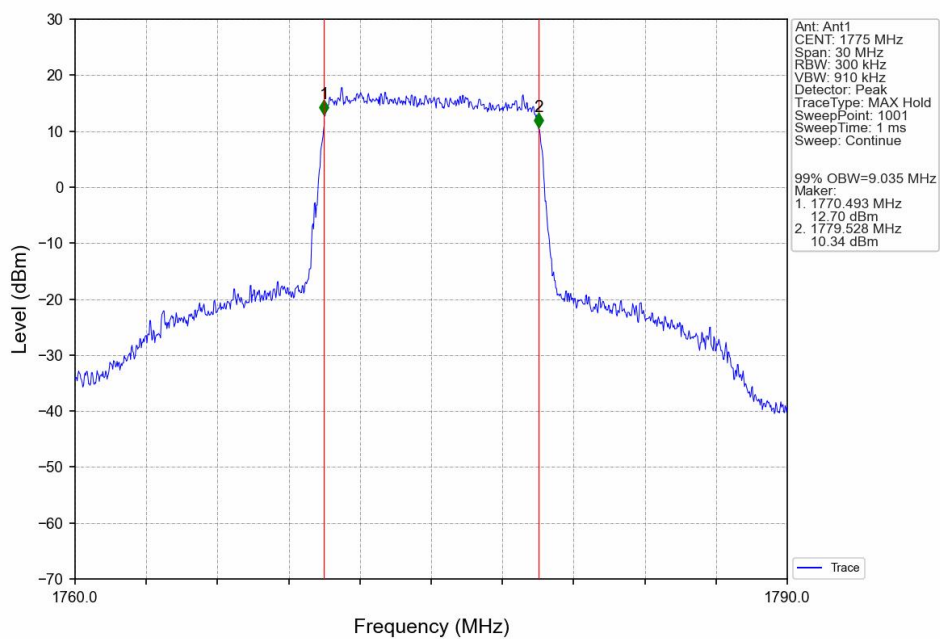
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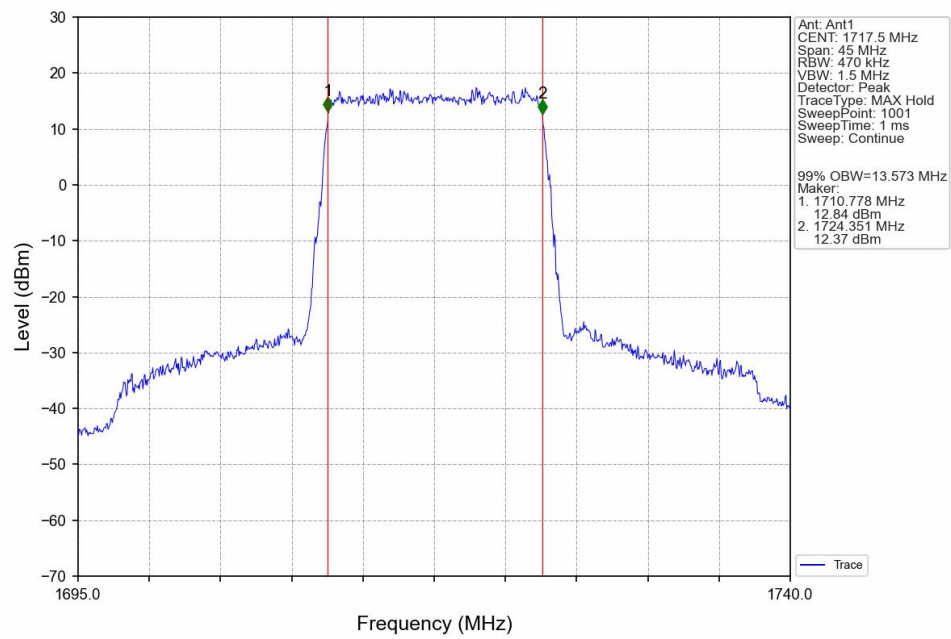
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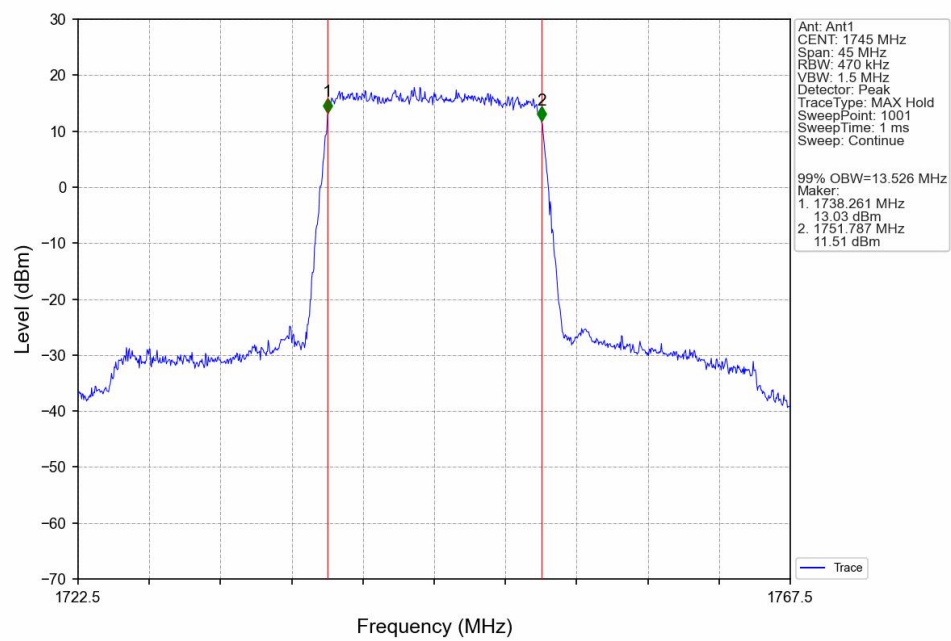
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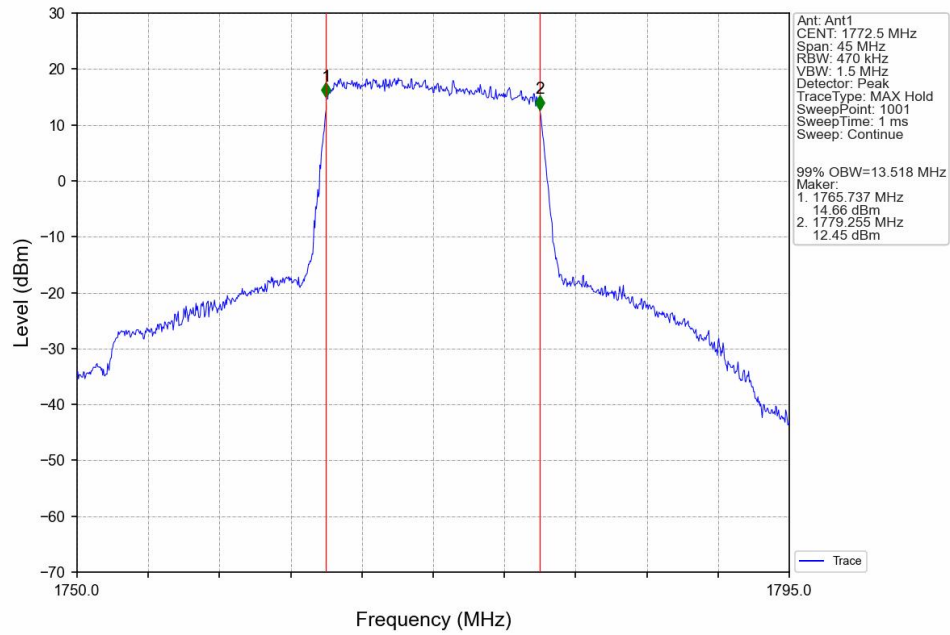
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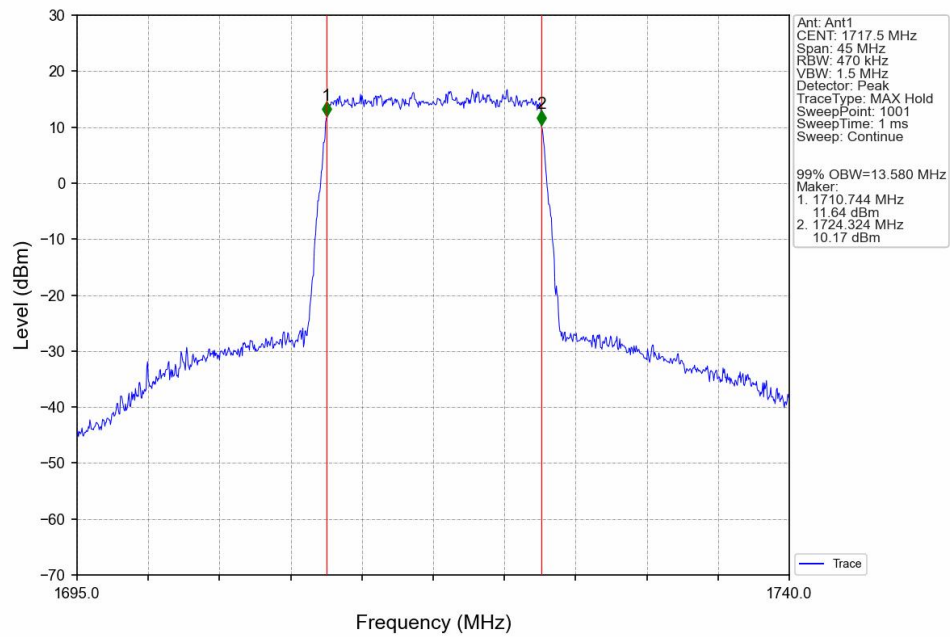
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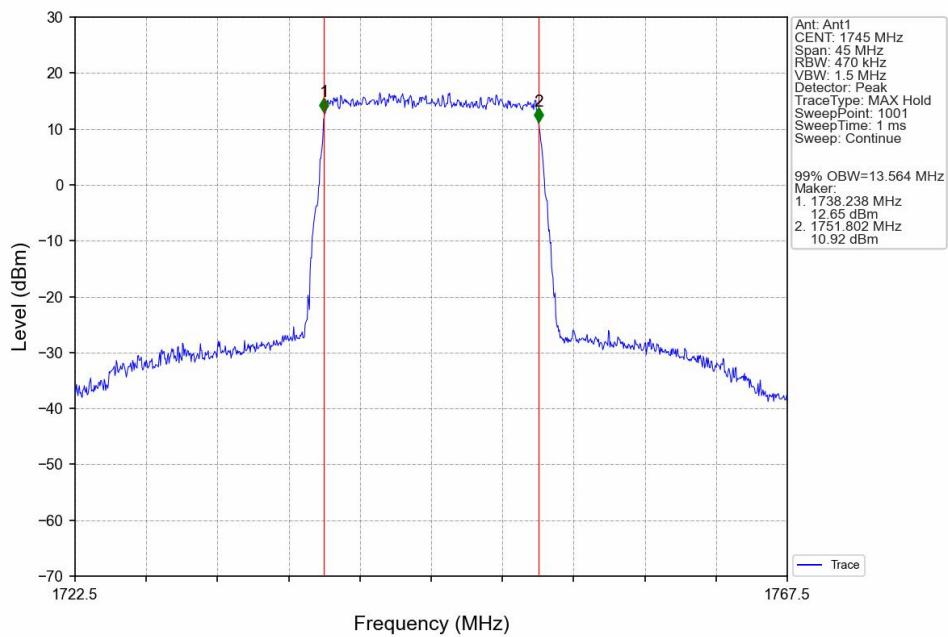
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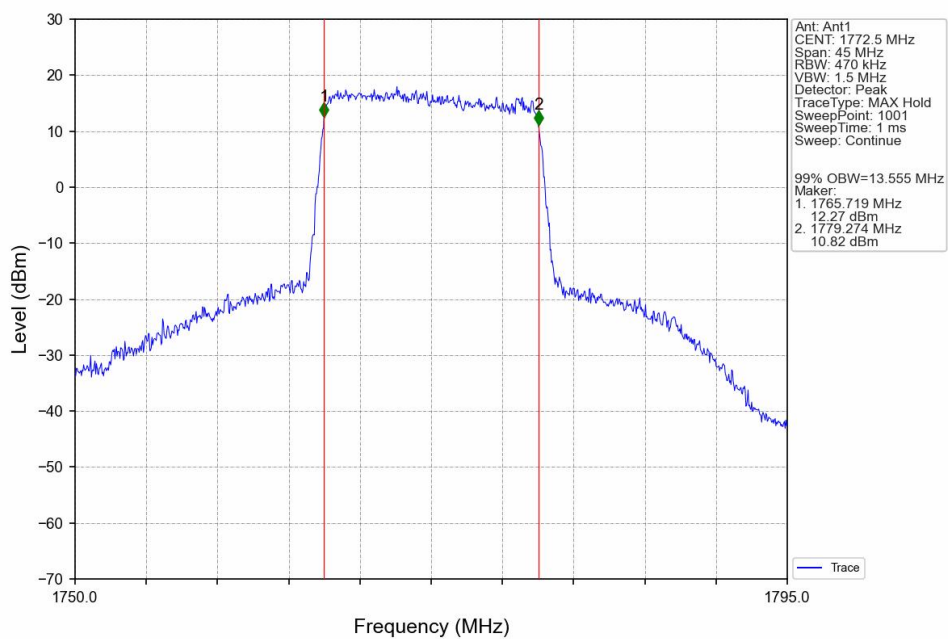
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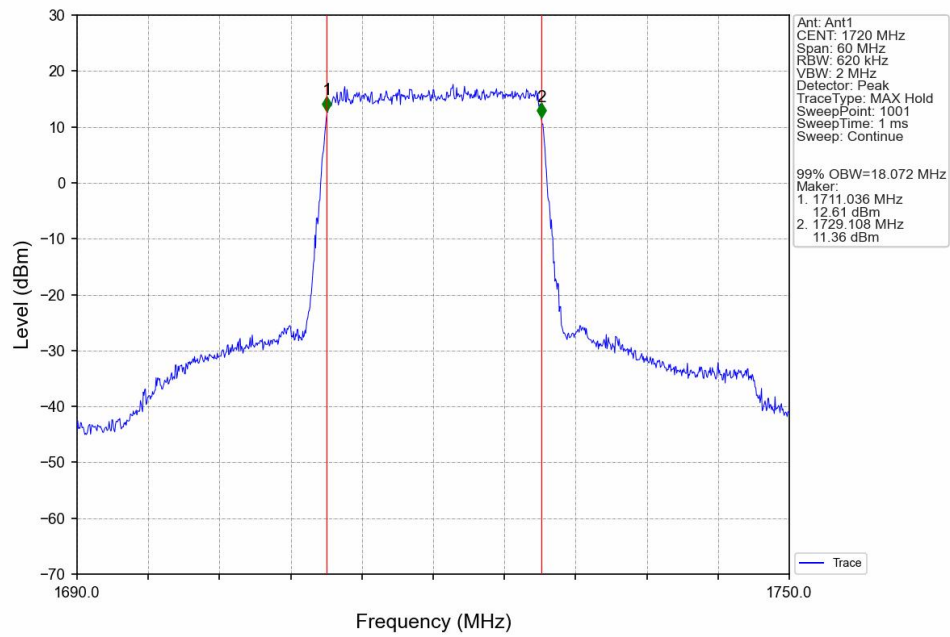
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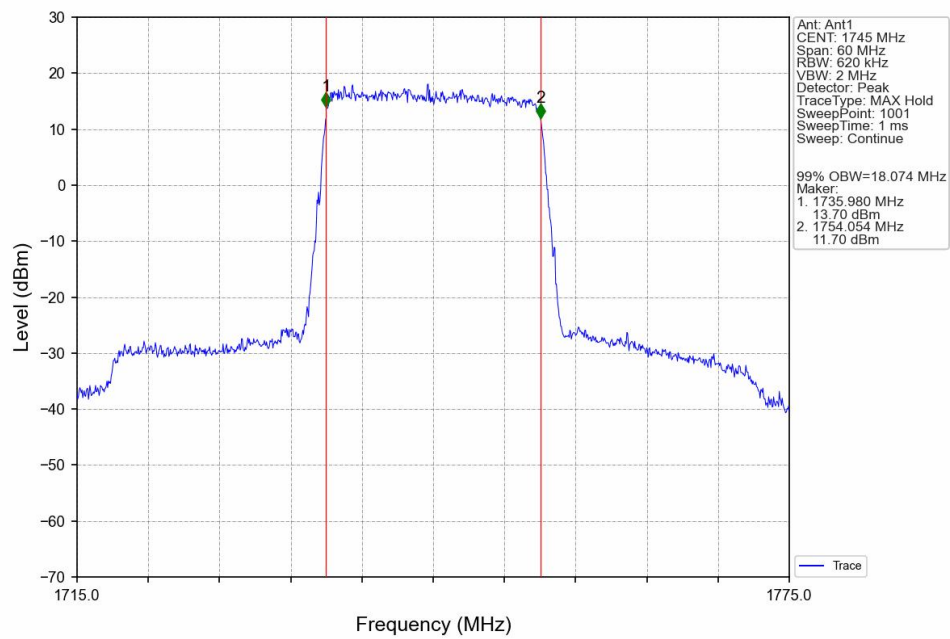
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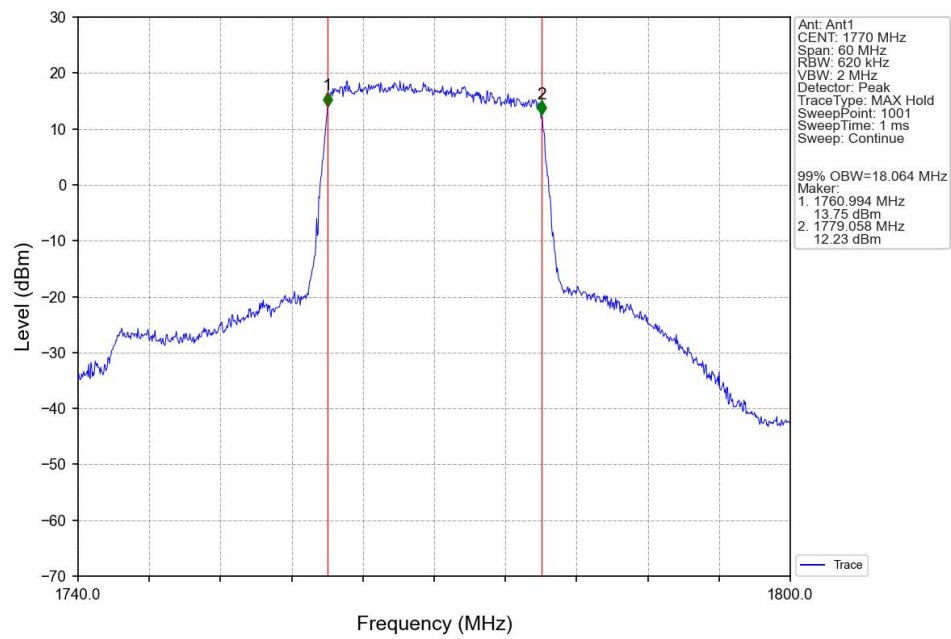
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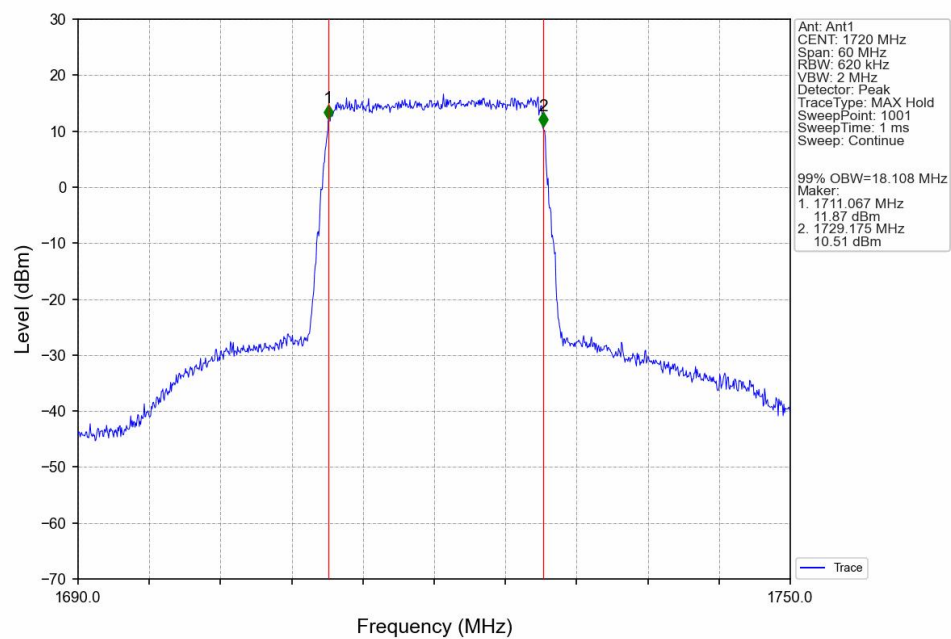
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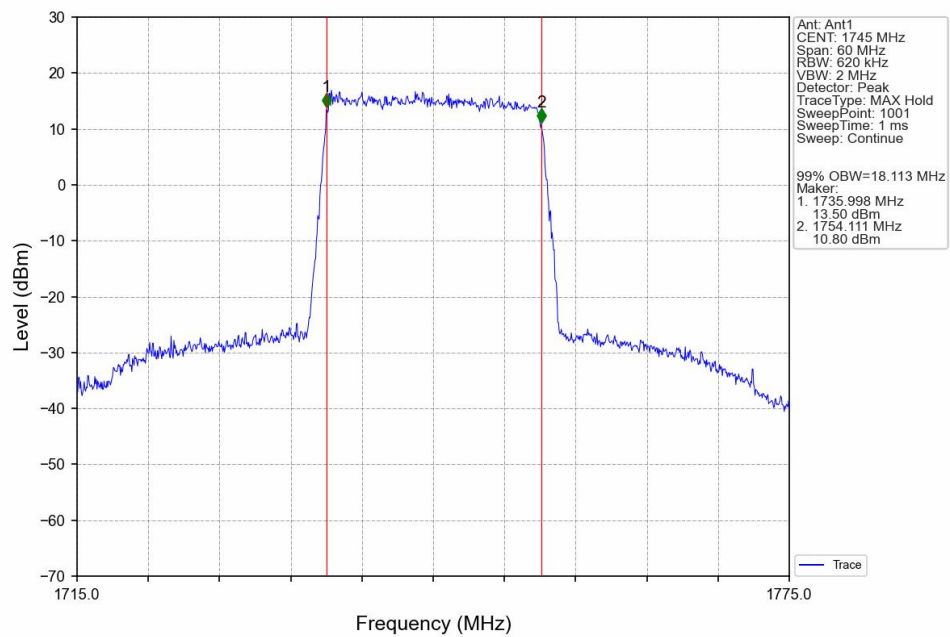
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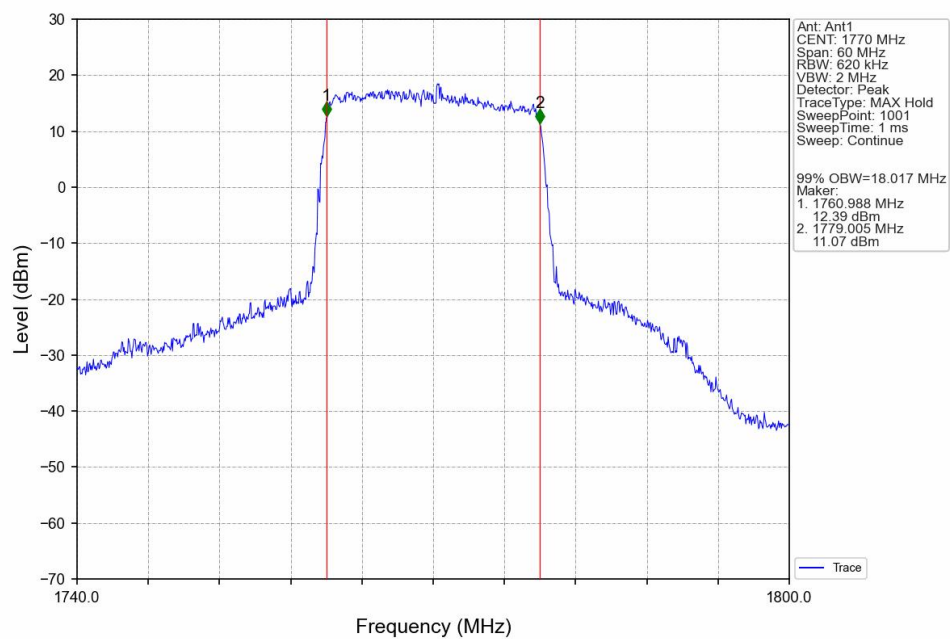
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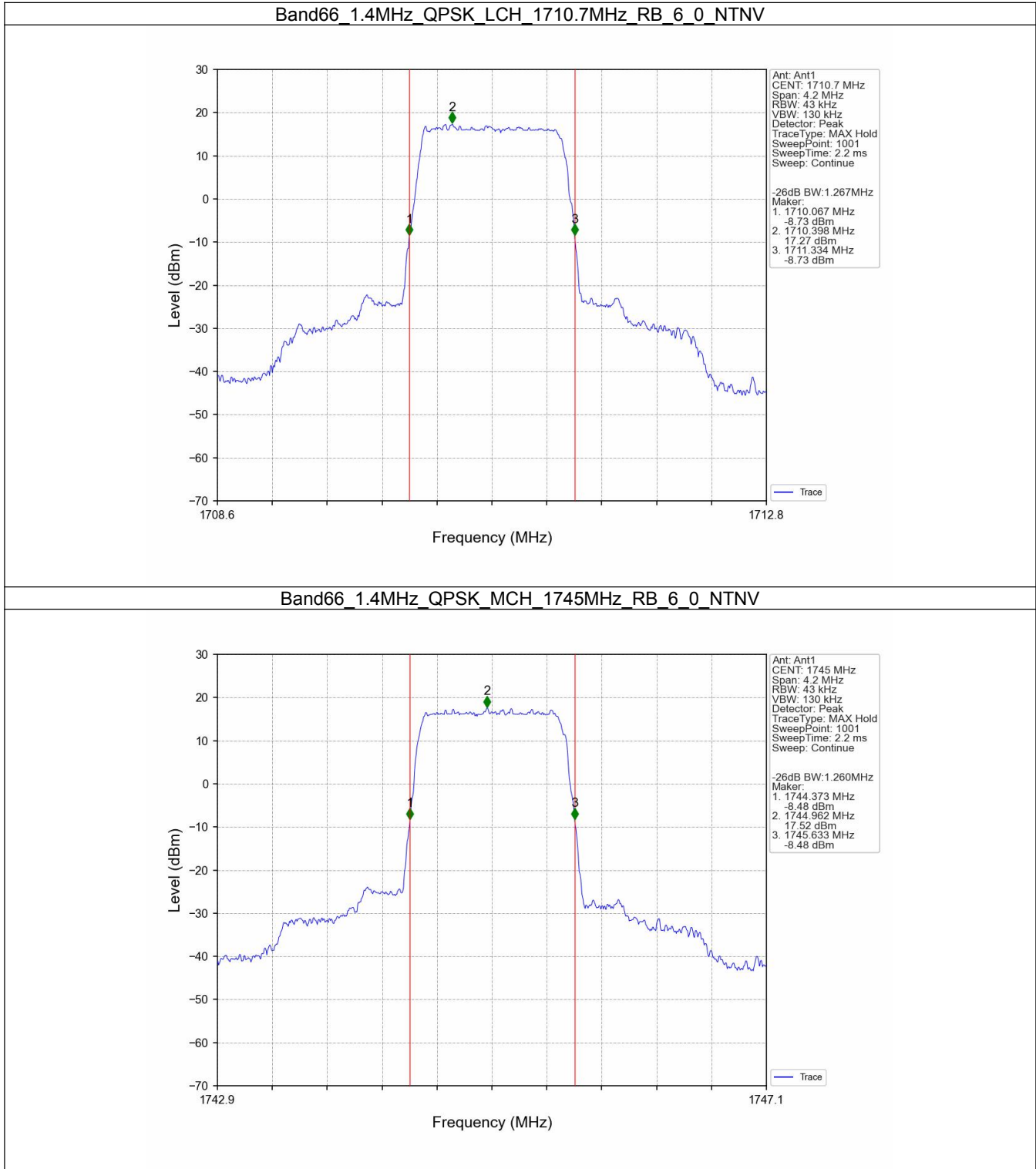
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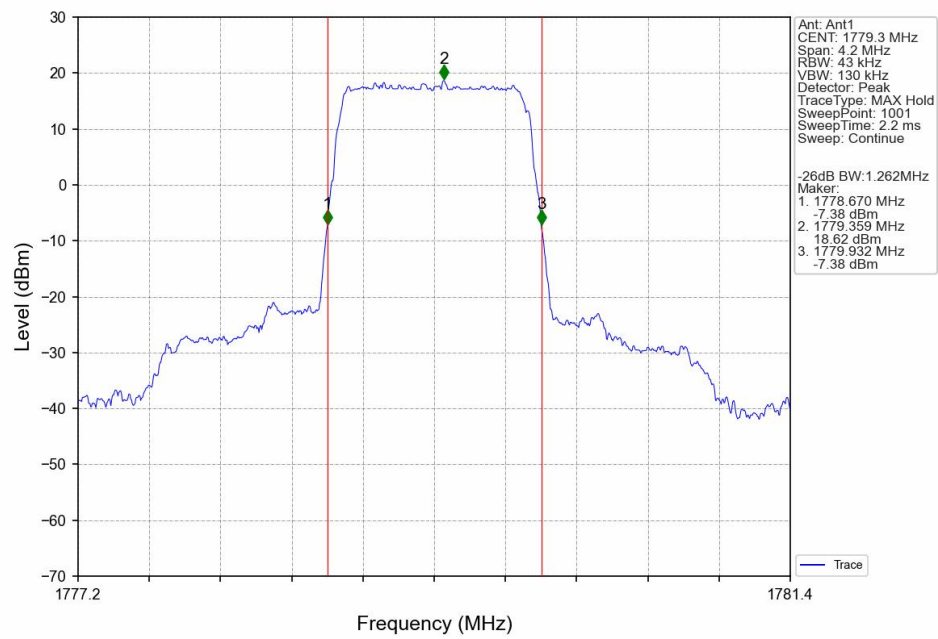
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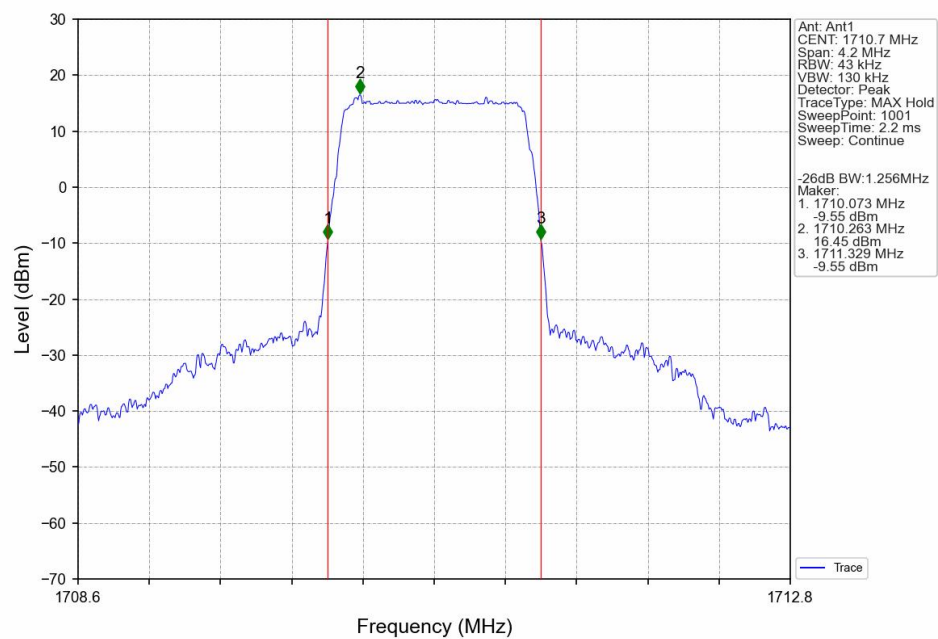
4.2.2 Band66_XDB



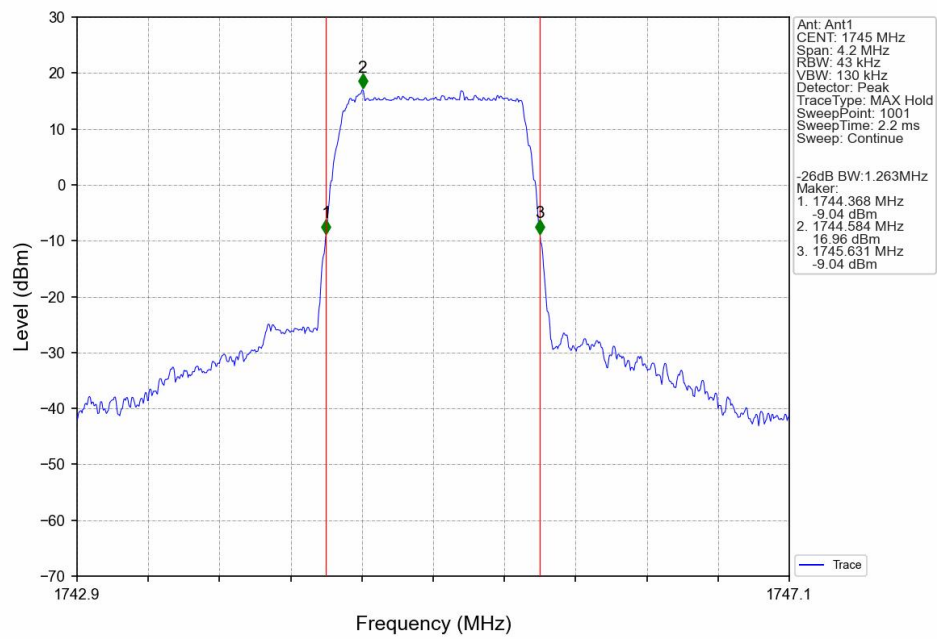
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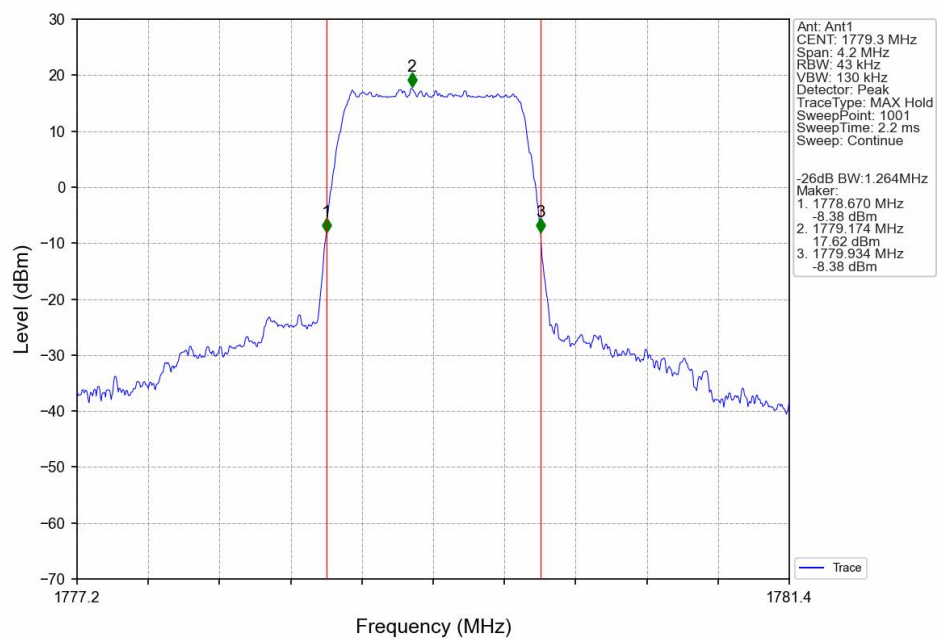
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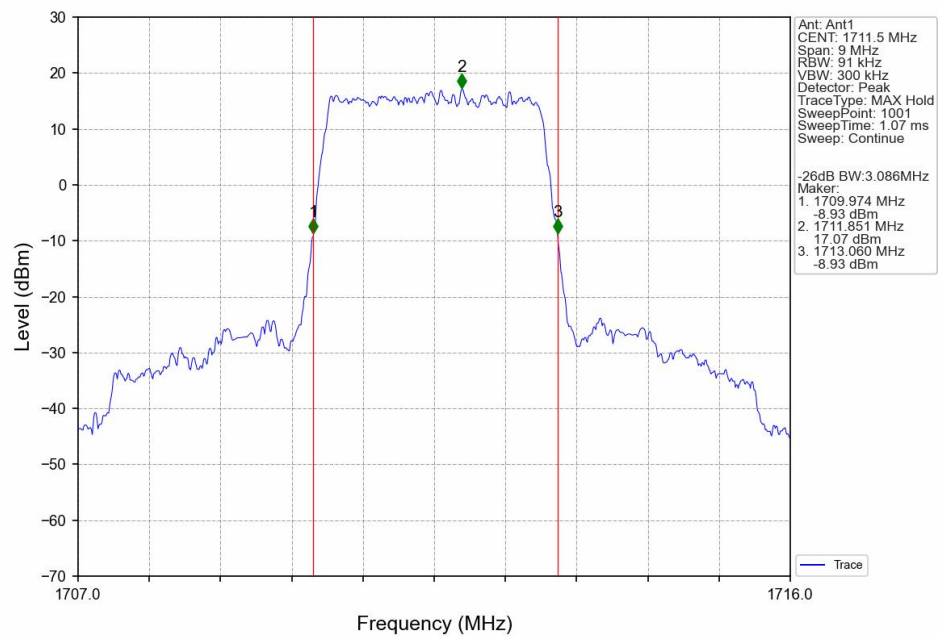
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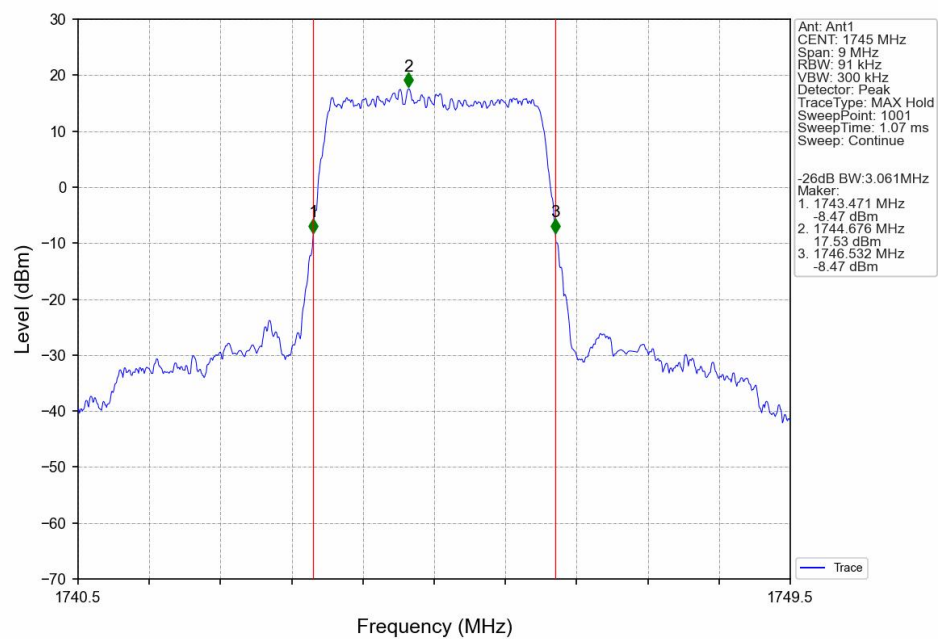
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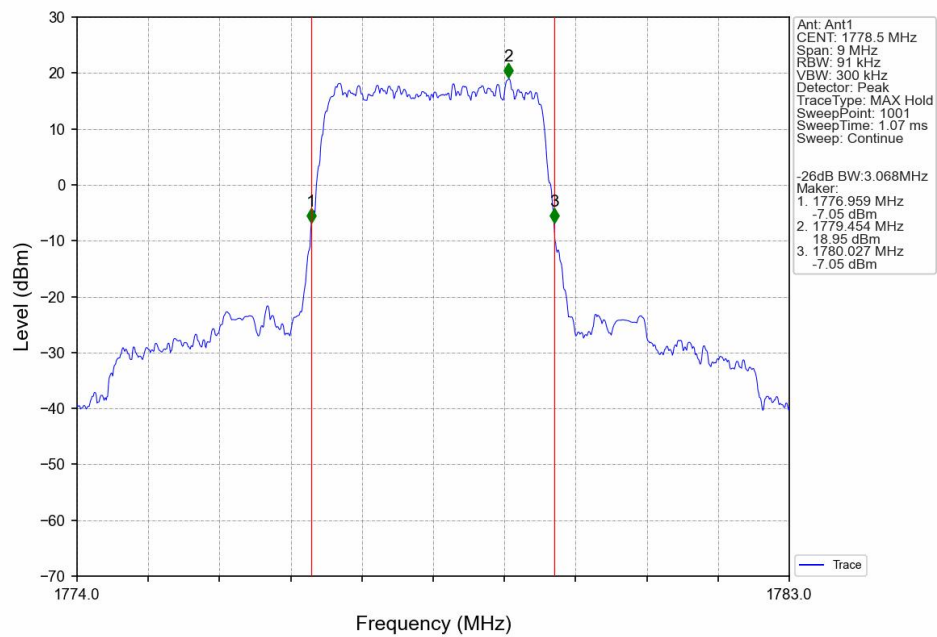
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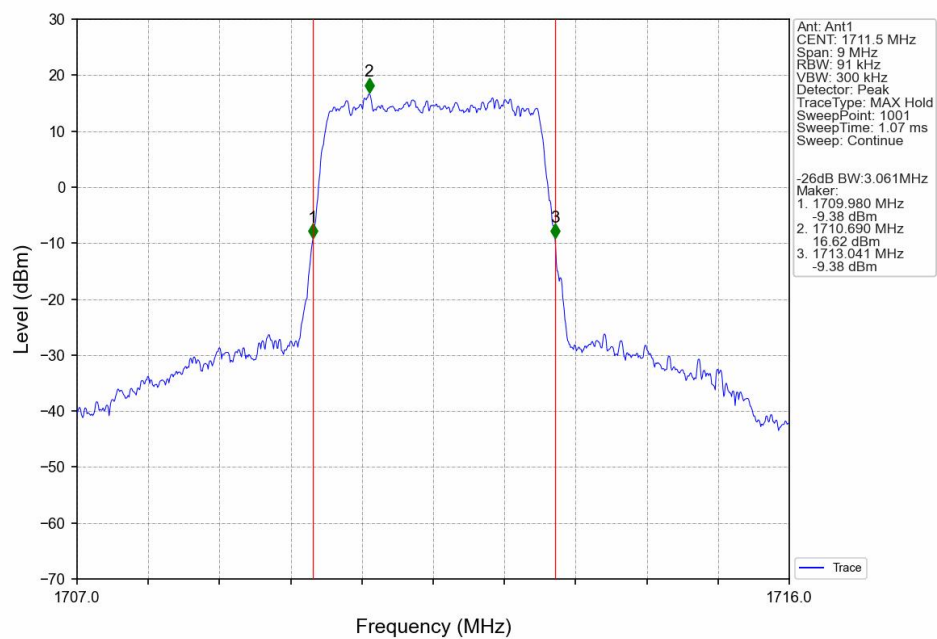
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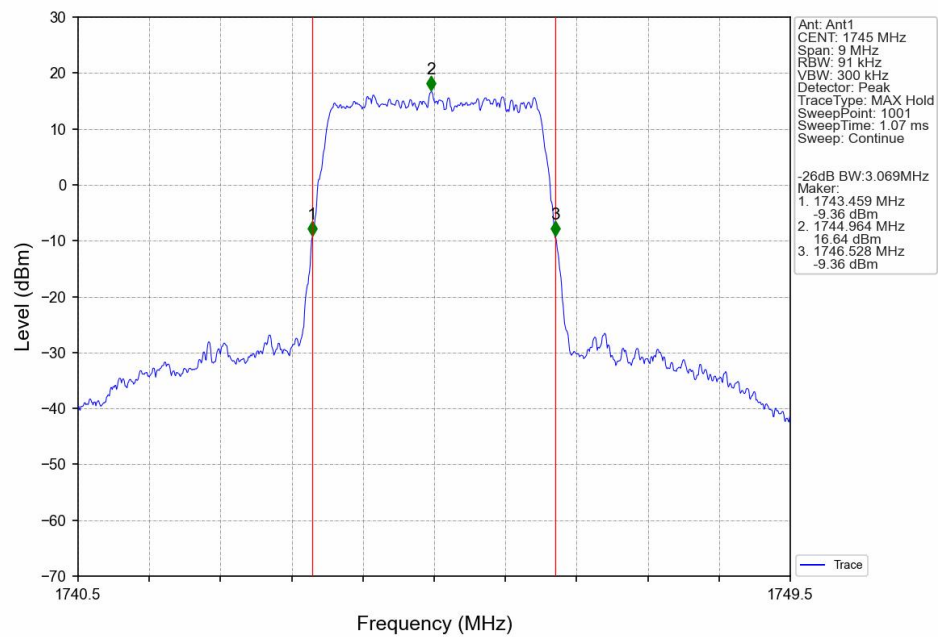
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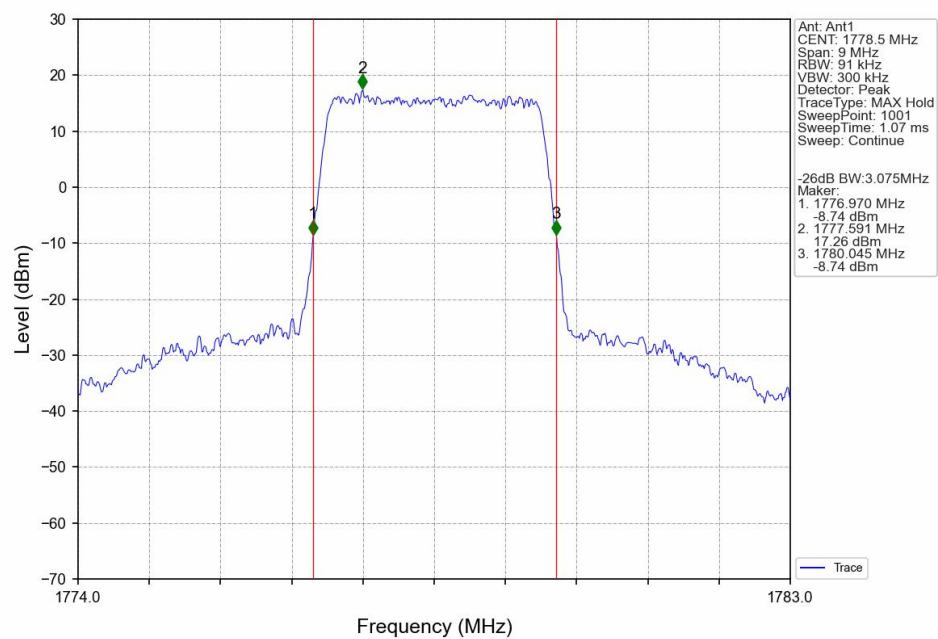
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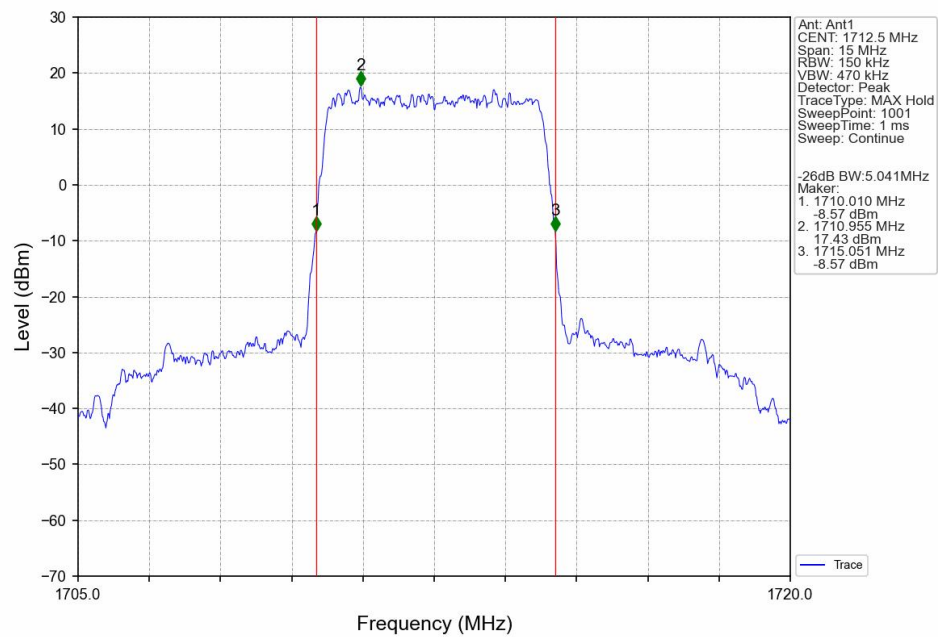
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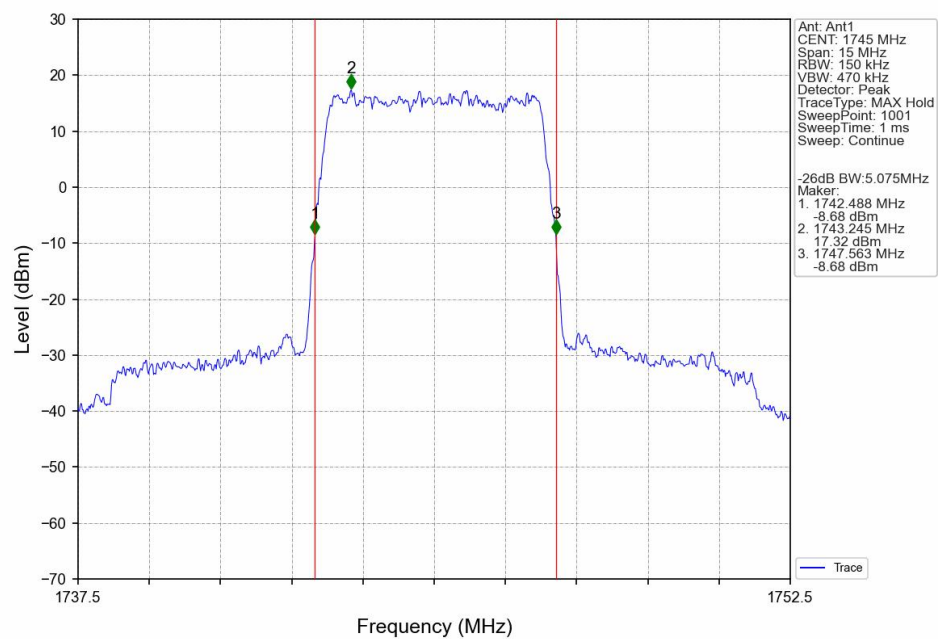
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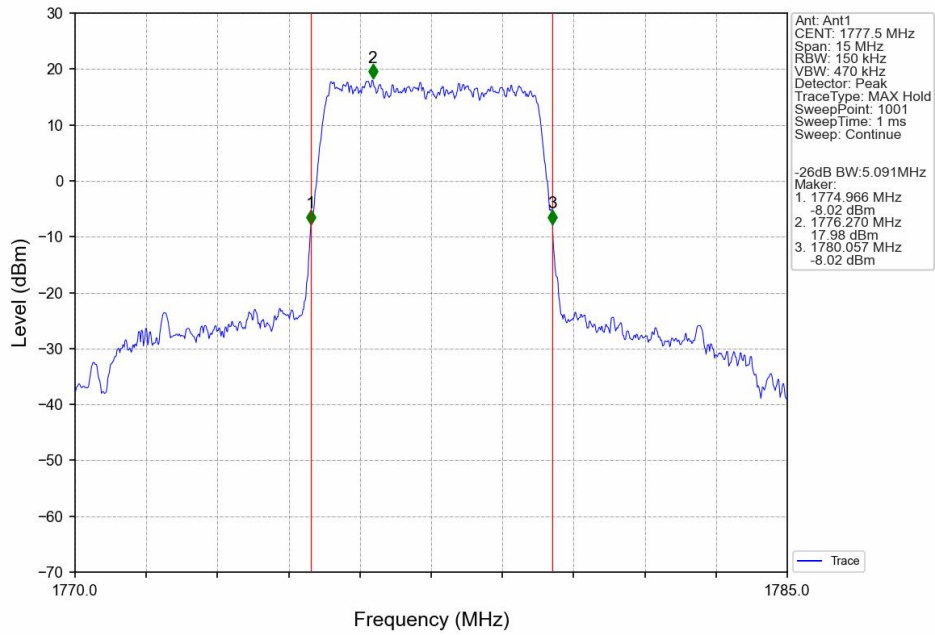
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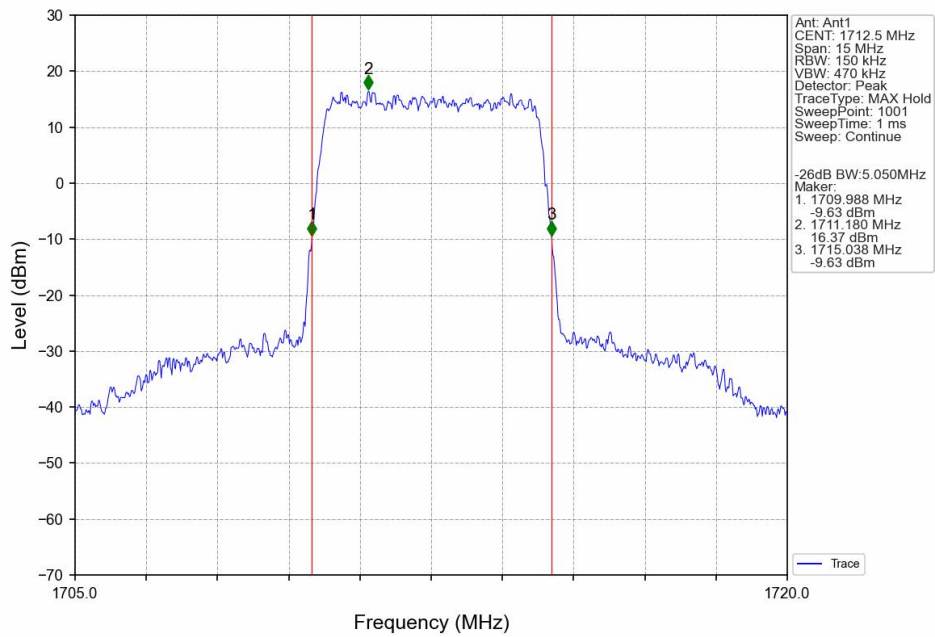
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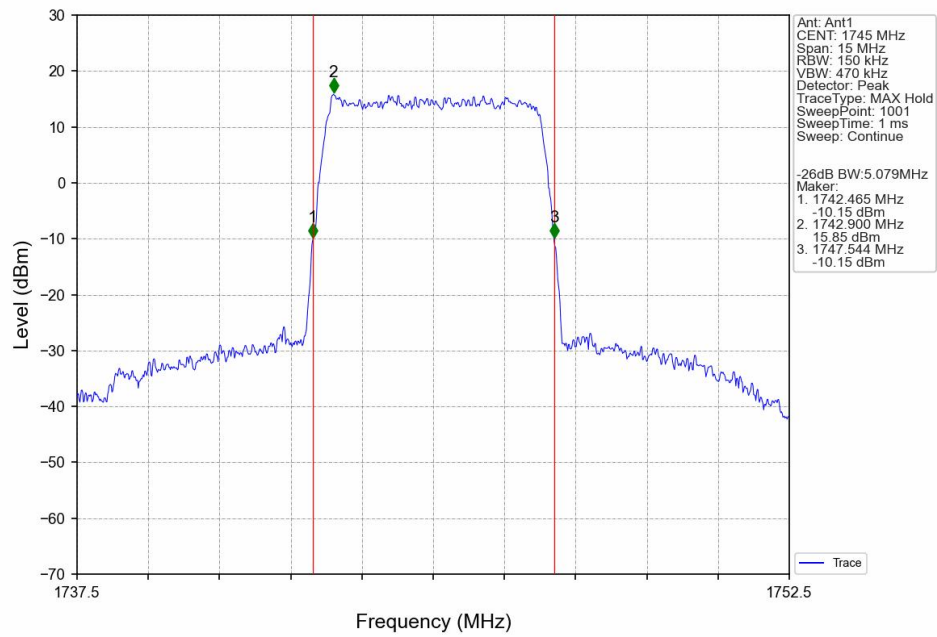
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Band66_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_MCH_1745MHz_RB_25_0_NTNV



Band66_5MHz_16QAM_HCH_1777.5MHz_RB_25_0_NTNV

