

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B4_1.4MHz_EIRP

Band: 4 / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1710.7	1	0	22.54	-0.99	21.55	<=30	Pass
			2	22.68	-0.99	21.69	<=30	Pass
			5	22.61	-0.99	21.62	<=30	Pass
		3	0	22.71	-0.99	21.72	<=30	Pass
			2	22.71	-0.99	21.72	<=30	Pass
			3	22.66	-0.99	21.67	<=30	Pass
		6	0	21.64	-0.99	20.65	<=30	Pass
	1732.5	1	0	22.73	-0.99	21.74	<=30	Pass
			2	22.89	-0.99	21.90	<=30	Pass
			5	22.86	-0.99	21.87	<=30	Pass
		3	0	22.74	-0.99	21.75	<=30	Pass
			2	22.76	-0.99	21.77	<=30	Pass
			3	22.81	-0.99	21.82	<=30	Pass
		6	0	21.86	-0.99	20.87	<=30	Pass
	1754.3	1	0	22.84	-0.99	21.85	<=30	Pass
			2	22.88	-0.99	21.89	<=30	Pass
			5	22.82	-0.99	21.83	<=30	Pass
		3	0	22.82	-0.99	21.83	<=30	Pass
			2	22.76	-0.99	21.77	<=30	Pass
			3	22.71	-0.99	21.72	<=30	Pass
		6	0	21.88	-0.99	20.89	<=30	Pass
16QAM	1710.7	1	0	21.88	-0.99	20.89	<=30	Pass
			2	21.82	-0.99	20.83	<=30	Pass
			5	21.87	-0.99	20.88	<=30	Pass
		3	0	21.56	-0.99	20.57	<=30	Pass
			2	21.52	-0.99	20.53	<=30	Pass
			3	21.60	-0.99	20.61	<=30	Pass
		6	0	21.13	-0.99	20.14	<=30	Pass
	1732.5	1	0	22.50	-0.99	21.51	<=30	Pass
			2	22.36	-0.99	21.37	<=30	Pass
			5	22.41	-0.99	21.42	<=30	Pass
		3	0	22.06	-0.99	21.07	<=30	Pass
			2	21.98	-0.99	20.99	<=30	Pass
			3	21.96	-0.99	20.97	<=30	Pass
		6	0	21.37	-0.99	20.38	<=30	Pass
	1754.3	1	0	22.88	-0.99	21.89	<=30	Pass
			2	22.88	-0.99	21.89	<=30	Pass
			5	22.93	-0.99	21.94	<=30	Pass
		3	0	21.41	-0.99	20.42	<=30	Pass
			2	21.43	-0.99	20.44	<=30	Pass
			3	21.44	-0.99	20.45	<=30	Pass
		6	0	20.93	-0.99	19.94	<=30	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B4_3MHz_EIRP

Band: 4 / 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	22.64	-0.99	21.65	<=30	Pass
			7	22.60	-0.99	21.61	<=30	Pass
			14	22.63	-0.99	21.64	<=30	Pass
		8	0	21.65	-0.99	20.66	<=30	Pass
			4	21.68	-0.99	20.69	<=30	Pass
			7	21.72	-0.99	20.73	<=30	Pass
		15	0	21.66	-0.99	20.67	<=30	Pass
	1732.5	1	0	22.73	-0.99	21.74	<=30	Pass
			7	22.76	-0.99	21.77	<=30	Pass
			14	22.77	-0.99	21.78	<=30	Pass
		8	0	21.79	-0.99	20.80	<=30	Pass
			4	21.78	-0.99	20.79	<=30	Pass
			7	21.80	-0.99	20.81	<=30	Pass
		15	0	21.72	-0.99	20.73	<=30	Pass
	1753.5	1	0	22.74	-0.99	21.75	<=30	Pass
			7	22.83	-0.99	21.84	<=30	Pass
			14	22.72	-0.99	21.73	<=30	Pass
		8	0	21.82	-0.99	20.83	<=30	Pass
			4	21.87	-0.99	20.88	<=30	Pass
			7	21.97	-0.99	20.98	<=30	Pass
		15	0	21.83	-0.99	20.84	<=30	Pass
16QAM	1711.5	1	0	21.82	-0.99	20.83	<=30	Pass
			7	21.78	-0.99	20.79	<=30	Pass
			14	21.66	-0.99	20.67	<=30	Pass
		8	0	21.23	-0.99	20.24	<=30	Pass
			4	21.13	-0.99	20.14	<=30	Pass
			7	20.90	-0.99	19.91	<=30	Pass
		15	0	21.06	-0.99	20.07	<=30	Pass
	1732.5	1	0	22.49	-0.99	21.50	<=30	Pass
			7	22.38	-0.99	21.39	<=30	Pass
			14	22.42	-0.99	21.43	<=30	Pass
		8	0	21.05	-0.99	20.06	<=30	Pass
			4	21.39	-0.99	20.40	<=30	Pass
			7	21.37	-0.99	20.38	<=30	Pass
		15	0	21.28	-0.99	20.29	<=30	Pass
	1753.5	1	0	22.04	-0.99	21.05	<=30	Pass
			7	21.99	-0.99	21.00	<=30	Pass
			14	22.15	-0.99	21.16	<=30	Pass
		8	0	21.37	-0.99	20.38	<=30	Pass
			4	21.39	-0.99	20.40	<=30	Pass
			7	21.02	-0.99	20.03	<=30	Pass
		15	0	21.22	-0.99	20.23	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.3 B4_5MHz_EIRP

Band: 4 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1712.5	1	0	22.54	-0.99	21.55	<=30	Pass
			13	22.55	-0.99	21.56	<=30	Pass
			24	22.57	-0.99	21.58	<=30	Pass
		12	0	21.64	-0.99	20.65	<=30	Pass
			6	21.58	-0.99	20.59	<=30	Pass
			13	21.63	-0.99	20.64	<=30	Pass

16QAM	1732.5	25	0	21.67	-0.99	20.68	<=30	Pass
		1	0	22.74	-0.99	21.75	<=30	Pass
			13	22.76	-0.99	21.77	<=30	Pass
			24	22.72	-0.99	21.73	<=30	Pass
		12	0	21.70	-0.99	20.71	<=30	Pass
			6	21.80	-0.99	20.81	<=30	Pass
			13	21.74	-0.99	20.75	<=30	Pass
		25	0	21.67	-0.99	20.68	<=30	Pass
	1752.5	1	0	22.72	-0.99	21.73	<=30	Pass
			13	22.80	-0.99	21.81	<=30	Pass
			24	22.74	-0.99	21.75	<=30	Pass
		12	0	21.79	-0.99	20.80	<=30	Pass
			6	21.82	-0.99	20.83	<=30	Pass
			13	21.70	-0.99	20.71	<=30	Pass
		25	0	21.70	-0.99	20.71	<=30	Pass
	1712.5	1	0	22.42	-0.99	21.43	<=30	Pass
			13	22.38	-0.99	21.39	<=30	Pass
			24	22.43	-0.99	21.44	<=30	Pass
		12	0	21.06	-0.99	20.07	<=30	Pass
			6	20.73	-0.99	19.74	<=30	Pass
			13	20.69	-0.99	19.70	<=30	Pass
		25	0	20.85	-0.99	19.86	<=30	Pass
	1732.5	1	0	22.20	-0.99	21.21	<=30	Pass
			13	22.20	-0.99	21.21	<=30	Pass
			24	22.36	-0.99	21.37	<=30	Pass
		12	0	20.68	-0.99	19.69	<=30	Pass
			6	21.10	-0.99	20.11	<=30	Pass
			13	21.09	-0.99	20.10	<=30	Pass
		25	0	21.11	-0.99	20.12	<=30	Pass
	1752.5	1	0	21.90	-0.99	20.91	<=30	Pass
			13	21.97	-0.99	20.98	<=30	Pass
			24	21.98	-0.99	20.99	<=30	Pass
		12	0	20.73	-0.99	19.74	<=30	Pass
			6	21.17	-0.99	20.18	<=30	Pass
			13	21.10	-0.99	20.11	<=30	Pass
		25	0	21.20	-0.99	20.21	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.4 B4_10MHz_EIRP

Band: 4 / Bandwidth: 10MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1715	1	0	22.63	-0.99	21.64	<=30	Pass
			25	22.71	-0.99	21.72	<=30	Pass
			49	22.74	-0.99	21.75	<=30	Pass
		25	0	21.68	-0.99	20.69	<=30	Pass
			13	21.62	-0.99	20.63	<=30	Pass
			25	21.68	-0.99	20.69	<=30	Pass
		50	0	21.68	-0.99	20.69	<=30	Pass
	1732.5	1	0	22.72	-0.99	21.73	<=30	Pass
			25	22.75	-0.99	21.76	<=30	Pass
			49	22.71	-0.99	21.72	<=30	Pass
		25	0	21.82	-0.99	20.83	<=30	Pass
			13	21.85	-0.99	20.86	<=30	Pass
			25	21.85	-0.99	20.86	<=30	Pass
		50	0	21.64	-0.99	20.65	<=30	Pass

16QAM	1750	1	0	22.82	-0.99	21.83	<=30	Pass
			25	22.90	-0.99	21.91	<=30	Pass
			49	22.83	-0.99	21.84	<=30	Pass
		25	0	21.68	-0.99	20.69	<=30	Pass
			13	21.93	-0.99	20.94	<=30	Pass
			25	21.72	-0.99	20.73	<=30	Pass
		50	0	21.80	-0.99	20.81	<=30	Pass
			0	22.14	-0.99	21.15	<=30	Pass
			25	22.16	-0.99	21.17	<=30	Pass
	1715	1	49	22.17	-0.99	21.18	<=30	Pass
			0	20.78	-0.99	19.79	<=30	Pass
			13	20.82	-0.99	19.83	<=30	Pass
		25	25	20.84	-0.99	19.85	<=30	Pass
			0	20.72	-0.99	19.73	<=30	Pass
			0	21.88	-0.99	20.89	<=30	Pass
		25	25	21.94	-0.99	20.95	<=30	Pass
			49	21.95	-0.99	20.96	<=30	Pass
			0	20.81	-0.99	19.82	<=30	Pass
	1732.5	1	13	21.17	-0.99	20.18	<=30	Pass
			25	21.24	-0.99	20.25	<=30	Pass
			0	21.12	-0.99	20.13	<=30	Pass
		25	0	22.88	-0.99	21.89	<=30	Pass
			25	22.75	-0.99	21.76	<=30	Pass
			49	22.74	-0.99	21.75	<=30	Pass
		50	0	21.14	-0.99	20.15	<=30	Pass
			13	20.99	-0.99	20.00	<=30	Pass
			25	21.08	-0.99	20.09	<=30	Pass
	1750	1	0	21.02	-0.99	20.03	<=30	Pass
			0					
			0					
		25	0					
			0					
			0					
		50	0					
			0					
			0					

Note1: EIRP=Conducted Power+Antenna Gain

1.1.5 B4_15MHz_EIRP

Band: 4 / 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	22.47	-0.99	21.48	<=30	Pass
			38	22.48	-0.99	21.49	<=30	Pass
			74	22.57	-0.99	21.58	<=30	Pass
		36	0	21.71	-0.99	20.72	<=30	Pass
			18	21.74	-0.99	20.75	<=30	Pass
			39	21.76	-0.99	20.77	<=30	Pass
		75	0	21.62	-0.99	20.63	<=30	Pass
			0	22.78	-0.99	21.79	<=30	Pass
			38	22.85	-0.99	21.86	<=30	Pass
	1732.5	1	74	22.87	-0.99	21.88	<=30	Pass
			0	21.67	-0.99	20.68	<=30	Pass
			18	21.71	-0.99	20.72	<=30	Pass
		36	39	21.82	-0.99	20.83	<=30	Pass
			0	21.82	-0.99	20.83	<=30	Pass
			0	22.71	-0.99	21.72	<=30	Pass
		75	0	22.79	-0.99	21.80	<=30	Pass
			38	22.77	-0.99	21.78	<=30	Pass
			74	22.77	-0.99	21.78	<=30	Pass
	1747.5	1	0	22.03	-0.99	21.04	<=30	Pass
			18	21.80	-0.99	20.81	<=30	Pass
			39	21.69	-0.99	20.70	<=30	Pass
		36	0	21.64	-0.99	20.65	<=30	Pass
			0					
			0					
		75	0					
			0					
			0					
16QAM	1717.5	1	0	22.45	-0.99	21.46	<=30	Pass

		36	38	22.51	-0.99	21.52	<=30	Pass
			74	22.49	-0.99	21.50	<=30	Pass
			0	20.78	-0.99	19.79	<=30	Pass
			18	20.86	-0.99	19.87	<=30	Pass
			39	21.05	-0.99	20.06	<=30	Pass
		75	0	20.87	-0.99	19.88	<=30	Pass
			0	22.83	-0.99	21.84	<=30	Pass
			38	22.95	-0.99	21.96	<=30	Pass
			74	22.36	-0.99	21.37	<=30	Pass
			0	20.93	-0.99	19.94	<=30	Pass
	1732.5	1	18	21.16	-0.99	20.17	<=30	Pass
			39	20.90	-0.99	19.91	<=30	Pass
			0	21.17	-0.99	20.18	<=30	Pass
		36	0	22.06	-0.99	21.07	<=30	Pass
			38	22.15	-0.99	21.16	<=30	Pass
			74	22.19	-0.99	21.20	<=30	Pass
			0	21.14	-0.99	20.15	<=30	Pass
			18	21.09	-0.99	20.10	<=30	Pass
			39	20.89	-0.99	19.90	<=30	Pass
		75	0	21.10	-0.99	20.11	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

1.1.6 B4_20MHz_EIRP

Band: 4 / Bandwidth: 20MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	1720	1	0	22.68	-0.99	21.69	<=30	Pass
			50	22.74	-0.99	21.75	<=30	Pass
			99	22.72	-0.99	21.73	<=30	Pass
		50	0	21.61	-0.99	20.62	<=30	Pass
			25	21.68	-0.99	20.69	<=30	Pass
			50	21.62	-0.99	20.63	<=30	Pass
		100	0	21.77	-0.99	20.78	<=30	Pass
			0	22.84	-0.99	21.85	<=30	Pass
			50	22.88	-0.99	21.89	<=30	Pass
		50	0	22.95	-0.99	21.96	<=30	Pass
			25	21.89	-0.99	20.90	<=30	Pass
			50	21.70	-0.99	20.71	<=30	Pass
	1732.5	1	50	21.91	-0.99	20.92	<=30	Pass
			0	21.80	-0.99	20.81	<=30	Pass
		50	0	22.72	-0.99	21.73	<=30	Pass
			50	22.84	-0.99	21.85	<=30	Pass
			99	22.71	-0.99	21.72	<=30	Pass
		50	0	21.70	-0.99	20.71	<=30	Pass
			25	22.13	-0.99	21.14	<=30	Pass
			50	21.89	-0.99	20.90	<=30	Pass
		100	0	21.98	-0.99	20.99	<=30	Pass
			0	22.10	-0.99	21.11	<=30	Pass
			50	22.19	-0.99	21.20	<=30	Pass
		1	99	22.13	-0.99	21.14	<=30	Pass
16QAM	1720	1	0	20.86	-0.99	19.87	<=30	Pass
			25	20.86	-0.99	19.87	<=30	Pass
			50	21.26	-0.99	20.27	<=30	Pass
		50	0	20.85	-0.99	19.86	<=30	Pass
			0	22.54	-0.99	21.55	<=30	Pass
			50	22.60	-0.99	21.61	<=30	Pass
		1	0	22.54	-0.99	21.55	<=30	Pass
			50	22.60	-0.99	21.61	<=30	Pass

		50	99	22.57	-0.99	21.58	<=30	Pass
			0	21.08	-0.99	20.09	<=30	Pass
			25	21.09	-0.99	20.10	<=30	Pass
			50	20.91	-0.99	19.92	<=30	Pass
	1745	100	0	21.17	-0.99	20.18	<=30	Pass
			0	22.89	-0.99	21.90	<=30	Pass
			50	23.09	-0.99	22.10	<=30	Pass
		50	99	22.84	-0.99	21.85	<=30	Pass
			0	20.96	-0.99	19.97	<=30	Pass
			25	21.25	-0.99	20.26	<=30	Pass
		100	50	21.10	-0.99	20.11	<=30	Pass
			0	21.06	-0.99	20.07	<=30	Pass

Note1: EIRP=Conducted Power+Antenna Gain

2. Frequency Stability

2.1 Test Result

2.1.1 B4_1.4MHz

Band: 4 / 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	3.734	0.0022	-2.5 to 2.5	Pass
					3.85	-39.496	-0.0231	-2.5 to 2.5	Pass
					4.43	-40.083	-0.0234	-2.5 to 2.5	Pass
				-30	3.85	-9.284	-0.0054	-2.5 to 2.5	Pass
				-20	3.85	-23.990	-0.0140	-2.5 to 2.5	Pass
				-10	3.85	-25.177	-0.0147	-2.5 to 2.5	Pass
				0	3.85	-14.534	-0.0085	-2.5 to 2.5	Pass
				10	3.85	-15.965	-0.0093	-2.5 to 2.5	Pass
				30	3.85	-11.373	-0.0066	-2.5 to 2.5	Pass
				40	3.85	-3.319	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-30.570	-0.0179	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.27	3.018	0.0017	-2.5 to 2.5	Pass
					3.85	17.266	0.0100	-2.5 to 2.5	Pass
					4.43	16.108	0.0093	-2.5 to 2.5	Pass
				-30	3.85	13.647	0.0079	-2.5 to 2.5	Pass
				-20	3.85	2.818	0.0016	-2.5 to 2.5	Pass
				-10	3.85	-2.160	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-8.154	-0.0047	-2.5 to 2.5	Pass
				10	3.85	-2.432	-0.0014	-2.5 to 2.5	Pass
				30	3.85	0.572	0.0003	-2.5 to 2.5	Pass
				40	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				50	3.85	-10.529	-0.0061	-2.5 to 2.5	Pass
	1754.3	6	0	20	3.27	6.466	0.0037	-2.5 to 2.5	Pass
					3.85	-18.811	-0.0107	-2.5 to 2.5	Pass
					4.43	-25.821	-0.0147	-2.5 to 2.5	Pass
				-30	3.85	-28.024	-0.0160	-2.5 to 2.5	Pass
				-20	3.85	-39.282	-0.0224	-2.5 to 2.5	Pass
				-10	3.85	-9.999	-0.0057	-2.5 to 2.5	Pass
				0	3.85	-0.186	-0.0001	-2.5 to 2.5	Pass
				10	3.85	-31.271	-0.0178	-2.5 to 2.5	Pass
				30	3.85	-28.925	-0.0165	-2.5 to 2.5	Pass
				40	3.85	-12.445	-0.0071	-2.5 to 2.5	Pass
				50	3.85	-41.227	-0.0235	-2.5 to 2.5	Pass

16QAM	1710.7	6	0	20	3.27	0.186	0.0001	-2.5 to 2.5	Pass
					3.85	-11.072	-0.0065	-2.5 to 2.5	Pass
					4.43	-16.108	-0.0094	-2.5 to 2.5	Pass
				-30	3.85	-22.874	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-31.857	-0.0186	-2.5 to 2.5	Pass
				-10	3.85	-4.277	-0.0025	-2.5 to 2.5	Pass
				0	3.85	-17.595	-0.0103	-2.5 to 2.5	Pass
				10	3.85	-25.249	-0.0148	-2.5 to 2.5	Pass
				30	3.85	-36.621	-0.0214	-2.5 to 2.5	Pass
	1732.5	6	0	20	3.85	2.518	0.0015	-2.5 to 2.5	Pass
					3.85	-5.236	-0.0031	-2.5 to 2.5	Pass
					3.85	-20.986	-0.0121	-2.5 to 2.5	Pass
				20	3.27	-21.100	-0.0122	-2.5 to 2.5	Pass
					3.85	-20.986	-0.0121	-2.5 to 2.5	Pass
					4.43	-20.728	-0.0120	-2.5 to 2.5	Pass
				-30	3.85	-15.721	-0.0091	-2.5 to 2.5	Pass
				-20	3.85	-16.980	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-17.624	-0.0102	-2.5 to 2.5	Pass
	1754.3	6	0	0	3.85	-16.036	-0.0093	-2.5 to 2.5	Pass
				10	3.85	-13.676	-0.0079	-2.5 to 2.5	Pass
				30	3.85	-6.838	-0.0039	-2.5 to 2.5	Pass
				40	3.85	-9.098	-0.0053	-2.5 to 2.5	Pass
				50	3.85	-1.702	-0.0010	-2.5 to 2.5	Pass
				20	3.27	-18.082	-0.0103	-2.5 to 2.5	Pass
					3.85	-21.329	-0.0122	-2.5 to 2.5	Pass
					4.43	-15.464	-0.0088	-2.5 to 2.5	Pass
				-30	3.85	-22.531	-0.0128	-2.5 to 2.5	Pass
				-20	3.85	-40.040	-0.0228	-2.5 to 2.5	Pass
				-10	3.85	-39.840	-0.0227	-2.5 to 2.5	Pass
				0	3.85	-40.569	-0.0231	-2.5 to 2.5	Pass
				10	3.85	-9.341	-0.0053	-2.5 to 2.5	Pass
				30	3.85	-7.911	-0.0045	-2.5 to 2.5	Pass
				40	3.85	-8.225	-0.0047	-2.5 to 2.5	Pass
				50	3.85	-12.188	-0.0069	-2.5 to 2.5	Pass

2.1.2 B4_3MHz

Band: 4 / 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	5.078	0.0030	-2.5 to 2.5	Pass
					3.85	-17.824	-0.0104	-2.5 to 2.5	Pass
					4.43	-19.526	-0.0114	-2.5 to 2.5	Pass
				-30	3.85	-13.947	-0.0081	-2.5 to 2.5	Pass
				-20	3.85	-7.110	-0.0042	-2.5 to 2.5	Pass
				-10	3.85	-3.047	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-9.212	-0.0054	-2.5 to 2.5	Pass
				10	3.85	-25.320	-0.0148	-2.5 to 2.5	Pass
				30	3.85	-15.306	-0.0089	-2.5 to 2.5	Pass
	1732.5	15	0	40	3.85	-39.668	-0.0232	-2.5 to 2.5	Pass
				50	3.85	-29.583	-0.0173	-2.5 to 2.5	Pass
				20	3.27	1.202	0.0007	-2.5 to 2.5	Pass
					3.85	8.554	0.0049	-2.5 to 2.5	Pass
					4.43	-7.095	-0.0041	-2.5 to 2.5	Pass
				-30	3.85	-24.104	-0.0139	-2.5 to 2.5	Pass
				-20	3.85	-41.199	-0.0238	-2.5 to 2.5	Pass
				-10	3.85	-25.692	-0.0148	-2.5 to 2.5	Pass
				0	3.85	-39.668	-0.0229	-2.5 to 2.5	Pass

				10	3.85	-16.494	-0.0095	-2.5 to 2.5	Pass
				30	3.85	-27.623	-0.0159	-2.5 to 2.5	Pass
				40	3.85	-39.096	-0.0226	-2.5 to 2.5	Pass
				50	3.85	-13.704	-0.0079	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	19.283	0.0110	-2.5 to 2.5	Pass
					3.85	29.483	0.0168	-2.5 to 2.5	Pass
					4.43	37.966	0.0217	-2.5 to 2.5	Pass
				-30	3.85	39.725	0.0227	-2.5 to 2.5	Pass
				-20	3.85	42.715	0.0244	-2.5 to 2.5	Pass
				-10	3.85	-14.648	-0.0084	-2.5 to 2.5	Pass
				0	3.85	-5.507	-0.0031	-2.5 to 2.5	Pass
				10	3.85	1.402	0.0008	-2.5 to 2.5	Pass
				30	3.85	10.529	0.0060	-2.5 to 2.5	Pass
				40	3.85	15.078	0.0086	-2.5 to 2.5	Pass
				50	3.85	16.108	0.0092	-2.5 to 2.5	Pass
16QAM	1711.5	15	0	20	3.27	-5.493	-0.0032	-2.5 to 2.5	Pass
					3.85	-16.952	-0.0099	-2.5 to 2.5	Pass
					4.43	-12.860	-0.0075	-2.5 to 2.5	Pass
				-30	3.85	-34.862	-0.0204	-2.5 to 2.5	Pass
				-20	3.85	-16.880	-0.0099	-2.5 to 2.5	Pass
				-10	3.85	-5.150	-0.0030	-2.5 to 2.5	Pass
				0	3.85	-20.084	-0.0117	-2.5 to 2.5	Pass
				10	3.85	-32.816	-0.0192	-2.5 to 2.5	Pass
				30	3.85	-12.560	-0.0073	-2.5 to 2.5	Pass
				40	3.85	-22.659	-0.0132	-2.5 to 2.5	Pass
				50	3.85	-30.499	-0.0178	-2.5 to 2.5	Pass
	1732.5	15	0	20	3.27	-23.217	-0.0134	-2.5 to 2.5	Pass
					3.85	-23.375	-0.0135	-2.5 to 2.5	Pass
					4.43	-18.454	-0.0107	-2.5 to 2.5	Pass
				-30	3.85	-19.484	-0.0112	-2.5 to 2.5	Pass
				-20	3.85	-16.994	-0.0098	-2.5 to 2.5	Pass
				-10	3.85	-18.954	-0.0109	-2.5 to 2.5	Pass
				0	3.85	-15.249	-0.0088	-2.5 to 2.5	Pass
				10	3.85	-18.039	-0.0104	-2.5 to 2.5	Pass
				30	3.85	-16.737	-0.0097	-2.5 to 2.5	Pass
				40	3.85	-9.413	-0.0054	-2.5 to 2.5	Pass
				50	3.85	-4.592	-0.0027	-2.5 to 2.5	Pass
	1753.5	15	0	20	3.27	17.009	0.0097	-2.5 to 2.5	Pass
					3.85	28.124	0.0160	-2.5 to 2.5	Pass
					4.43	4.334	0.0025	-2.5 to 2.5	Pass
				-30	3.85	22.974	0.0131	-2.5 to 2.5	Pass
				-20	3.85	28.152	0.0161	-2.5 to 2.5	Pass
				-10	3.85	27.881	0.0159	-2.5 to 2.5	Pass
				0	3.85	4.163	0.0024	-2.5 to 2.5	Pass
				10	3.85	22.202	0.0127	-2.5 to 2.5	Pass
				30	3.85	29.540	0.0168	-2.5 to 2.5	Pass
				40	3.85	8.640	0.0049	-2.5 to 2.5	Pass
				50	3.85	12.989	0.0074	-2.5 to 2.5	Pass

2.1.3 B4_5MHz

Band: 4 / 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	-7.238	-0.0042	-2.5 to 2.5	Pass
					3.85	-23.332	-0.0136	-2.5 to 2.5	Pass
					4.43	-9.155	-0.0053	-2.5 to 2.5	Pass

				-30	3.85	-21.486	-0.0125	-2.5 to 2.5	Pass
				-20	3.85	-17.939	-0.0105	-2.5 to 2.5	Pass
				-10	3.85	-12.975	-0.0076	-2.5 to 2.5	Pass
				0	3.85	-34.246	-0.0200	-2.5 to 2.5	Pass
				10	3.85	-25.392	-0.0148	-2.5 to 2.5	Pass
				30	3.85	-21.529	-0.0126	-2.5 to 2.5	Pass
				40	3.85	-22.287	-0.0130	-2.5 to 2.5	Pass
				50	3.85	-26.722	-0.0156	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	18.668	0.0108	-2.5 to 2.5	Pass
					3.85	-7.796	-0.0045	-2.5 to 2.5	Pass
					4.43	-20.685	-0.0119	-2.5 to 2.5	Pass
				-30	3.85	-31.929	-0.0184	-2.5 to 2.5	Pass
				-20	3.85	-13.089	-0.0076	-2.5 to 2.5	Pass
				-10	3.85	-27.208	-0.0157	-2.5 to 2.5	Pass
				0	3.85	-39.239	-0.0226	-2.5 to 2.5	Pass
				10	3.85	-6.652	-0.0038	-2.5 to 2.5	Pass
				30	3.85	-13.447	-0.0078	-2.5 to 2.5	Pass
				40	3.85	-23.274	-0.0134	-2.5 to 2.5	Pass
				50	3.85	-31.528	-0.0182	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	22.645	0.0129	-2.5 to 2.5	Pass
					3.85	9.284	0.0053	-2.5 to 2.5	Pass
					4.43	32.144	0.0183	-2.5 to 2.5	Pass
				-30	3.85	16.837	0.0096	-2.5 to 2.5	Pass
				-20	3.85	35.591	0.0203	-2.5 to 2.5	Pass
				-10	3.85	17.481	0.0100	-2.5 to 2.5	Pass
				0	3.85	20.270	0.0116	-2.5 to 2.5	Pass
				10	3.85	28.868	0.0165	-2.5 to 2.5	Pass
				30	3.85	40.569	0.0231	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0008	-2.5 to 2.5	Pass
				50	3.85	1.760	0.0010	-2.5 to 2.5	Pass
16QAM	1712.5	25	0	20	3.27	-35.005	-0.0204	-2.5 to 2.5	Pass
					3.85	-9.942	-0.0058	-2.5 to 2.5	Pass
					4.43	-22.945	-0.0134	-2.5 to 2.5	Pass
				-30	3.85	-5.136	-0.0030	-2.5 to 2.5	Pass
				-20	3.85	-24.848	-0.0145	-2.5 to 2.5	Pass
				-10	3.85	-37.894	-0.0221	-2.5 to 2.5	Pass
				0	3.85	-14.176	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-20.871	-0.0122	-2.5 to 2.5	Pass
				30	3.85	-25.163	-0.0147	-2.5 to 2.5	Pass
				40	3.85	-3.262	-0.0019	-2.5 to 2.5	Pass
				50	3.85	-16.251	-0.0095	-2.5 to 2.5	Pass
	1732.5	25	0	20	3.27	-39.854	-0.0230	-2.5 to 2.5	Pass
					3.85	-43.044	-0.0248	-2.5 to 2.5	Pass
					4.43	-38.381	-0.0222	-2.5 to 2.5	Pass
				-30	3.85	-35.992	-0.0208	-2.5 to 2.5	Pass
				-20	3.85	-23.646	-0.0136	-2.5 to 2.5	Pass
				-10	3.85	-21.915	-0.0126	-2.5 to 2.5	Pass
				0	3.85	-12.474	-0.0072	-2.5 to 2.5	Pass
				10	3.85	-6.680	-0.0039	-2.5 to 2.5	Pass
				30	3.85	1.259	0.0007	-2.5 to 2.5	Pass
				40	3.85	3.948	0.0023	-2.5 to 2.5	Pass
				50	3.85	5.136	0.0030	-2.5 to 2.5	Pass
	1752.5	25	0	20	3.27	10.901	0.0062	-2.5 to 2.5	Pass
					3.85	20.027	0.0114	-2.5 to 2.5	Pass
					4.43	0.687	0.0004	-2.5 to 2.5	Pass
				-30	3.85	19.670	0.0112	-2.5 to 2.5	Pass
				-20	3.85	29.068	0.0166	-2.5 to 2.5	Pass
				-10	3.85	-9.084	-0.0052	-2.5 to 2.5	Pass
				0	3.85	6.223	0.0036	-2.5 to 2.5	Pass

				10	3.85	23.761	0.0136	-2.5 to 2.5	Pass
				30	3.85	2.918	0.0017	-2.5 to 2.5	Pass
				40	3.85	12.188	0.0070	-2.5 to 2.5	Pass
				50	3.85	26.436	0.0151	-2.5 to 2.5	Pass

2.1.4 B4_10MHz

Band: 4 / 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	-10.571	-0.0062	-2.5 to 2.5	Pass
					3.85	-29.612	-0.0173	-2.5 to 2.5	Pass
					4.43	-19.226	-0.0112	-2.5 to 2.5	Pass
				-30	3.85	-21.601	-0.0126	-2.5 to 2.5	Pass
				-20	3.85	-24.519	-0.0143	-2.5 to 2.5	Pass
				-10	3.85	-32.673	-0.0191	-2.5 to 2.5	Pass
				0	3.85	-35.076	-0.0205	-2.5 to 2.5	Pass
				10	3.85	-19.026	-0.0111	-2.5 to 2.5	Pass
				30	3.85	-12.646	-0.0074	-2.5 to 2.5	Pass
				40	3.85	-12.445	-0.0073	-2.5 to 2.5	Pass
				50	3.85	-10.042	-0.0059	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	33.545	0.0194	-2.5 to 2.5	Pass
					3.85	24.648	0.0142	-2.5 to 2.5	Pass
					4.43	7.224	0.0042	-2.5 to 2.5	Pass
				-30	3.85	-13.890	-0.0080	-2.5 to 2.5	Pass
				-20	3.85	3.734	0.0022	-2.5 to 2.5	Pass
				-10	3.85	-23.203	-0.0134	-2.5 to 2.5	Pass
				0	3.85	-44.861	-0.0259	-2.5 to 2.5	Pass
				10	3.85	-19.140	-0.0110	-2.5 to 2.5	Pass
				30	3.85	-26.622	-0.0154	-2.5 to 2.5	Pass
				40	3.85	-34.432	-0.0199	-2.5 to 2.5	Pass
				50	3.85	-11.945	-0.0069	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	10.099	0.0058	-2.5 to 2.5	Pass
					3.85	16.208	0.0093	-2.5 to 2.5	Pass
					4.43	16.494	0.0094	-2.5 to 2.5	Pass
				-30	3.85	13.261	0.0076	-2.5 to 2.5	Pass
				-20	3.85	16.279	0.0093	-2.5 to 2.5	Pass
				-10	3.85	11.358	0.0065	-2.5 to 2.5	Pass
				0	3.85	9.384	0.0054	-2.5 to 2.5	Pass
				10	3.85	8.354	0.0048	-2.5 to 2.5	Pass
				30	3.85	16.322	0.0093	-2.5 to 2.5	Pass
				40	3.85	17.209	0.0098	-2.5 to 2.5	Pass
16QAM	1715	50	0	20	3.27	-12.717	-0.0074	-2.5 to 2.5	Pass
					3.85	-38.152	-0.0222	-2.5 to 2.5	Pass
					4.43	-10.099	-0.0059	-2.5 to 2.5	Pass
				-30	3.85	-22.902	-0.0134	-2.5 to 2.5	Pass
				-20	3.85	-33.545	-0.0196	-2.5 to 2.5	Pass
				-10	3.85	-45.276	-0.0264	-2.5 to 2.5	Pass
				0	3.85	-14.234	-0.0083	-2.5 to 2.5	Pass
				10	3.85	-24.877	-0.0145	-2.5 to 2.5	Pass
				30	3.85	-38.824	-0.0226	-2.5 to 2.5	Pass
				40	3.85	-46.105	-0.0269	-2.5 to 2.5	Pass
				50	3.85	-2.589	-0.0015	-2.5 to 2.5	Pass
	1732.5	50	0	20	3.27	-33.746	-0.0195	-2.5 to 2.5	Pass
					3.85	-38.366	-0.0221	-2.5 to 2.5	Pass
					4.43	-33.588	-0.0194	-2.5 to 2.5	Pass

				-30	3.85	-39.396	-0.0227	-2.5 to 2.5	Pass
				-20	3.85	8.283	0.0048	-2.5 to 2.5	Pass
				-10	3.85	7.353	0.0042	-2.5 to 2.5	Pass
				0	3.85	7.839	0.0045	-2.5 to 2.5	Pass
				10	3.85	6.666	0.0038	-2.5 to 2.5	Pass
				30	3.85	-0.916	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-5.450	-0.0031	-2.5 to 2.5	Pass
				50	3.85	6.394	0.0037	-2.5 to 2.5	Pass
	1750	50	0	20	3.27	20.642	0.0118	-2.5 to 2.5	Pass
					3.85	36.306	0.0207	-2.5 to 2.5	Pass
					4.43	14.520	0.0083	-2.5 to 2.5	Pass
				-30	3.85	26.007	0.0149	-2.5 to 2.5	Pass
				-20	3.85	5.407	0.0031	-2.5 to 2.5	Pass
				-10	3.85	14.992	0.0086	-2.5 to 2.5	Pass
				0	3.85	16.422	0.0094	-2.5 to 2.5	Pass
				10	3.85	24.662	0.0141	-2.5 to 2.5	Pass
				30	3.85	36.535	0.0209	-2.5 to 2.5	Pass
				40	3.85	10.185	0.0058	-2.5 to 2.5	Pass
				50	3.85	8.111	0.0046	-2.5 to 2.5	Pass

2.1.5 B4_15MHz

Band: 4 / 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	-9.356	-0.0054	-2.5 to 2.5	Pass
					3.85	-19.999	-0.0116	-2.5 to 2.5	Pass
					4.43	-31.958	-0.0186	-2.5 to 2.5	Pass
				-30	3.85	-22.445	-0.0131	-2.5 to 2.5	Pass
				-20	3.85	-22.030	-0.0128	-2.5 to 2.5	Pass
				-10	3.85	-24.290	-0.0141	-2.5 to 2.5	Pass
				0	3.85	-15.249	-0.0089	-2.5 to 2.5	Pass
				10	3.85	-22.759	-0.0133	-2.5 to 2.5	Pass
				30	3.85	-28.210	-0.0164	-2.5 to 2.5	Pass
				40	3.85	-29.526	-0.0172	-2.5 to 2.5	Pass
				50	3.85	-20.943	-0.0122	-2.5 to 2.5	Pass
	1732.5	75	0	20	3.27	33.045	0.0191	-2.5 to 2.5	Pass
					3.85	-8.225	-0.0047	-2.5 to 2.5	Pass
					4.43	-24.648	-0.0142	-2.5 to 2.5	Pass
				-30	3.85	-26.751	-0.0154	-2.5 to 2.5	Pass
				-20	3.85	-24.962	-0.0144	-2.5 to 2.5	Pass
				-10	3.85	2.646	0.0015	-2.5 to 2.5	Pass
				0	3.85	-33.989	-0.0196	-2.5 to 2.5	Pass
				10	3.85	5.364	0.0031	-2.5 to 2.5	Pass
				30	3.85	-2.918	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-14.420	-0.0083	-2.5 to 2.5	Pass
				50	3.85	-25.964	-0.0150	-2.5 to 2.5	Pass
	1747.5	75	0	20	3.27	10.943	0.0063	-2.5 to 2.5	Pass
					3.85	14.319	0.0082	-2.5 to 2.5	Pass
					4.43	12.188	0.0070	-2.5 to 2.5	Pass
				-30	3.85	13.661	0.0078	-2.5 to 2.5	Pass
				-20	3.85	16.737	0.0096	-2.5 to 2.5	Pass
				-10	3.85	8.039	0.0046	-2.5 to 2.5	Pass
				0	3.85	4.334	0.0025	-2.5 to 2.5	Pass
				10	3.85	13.475	0.0077	-2.5 to 2.5	Pass
				30	3.85	8.140	0.0047	-2.5 to 2.5	Pass
				40	3.85	0.443	0.0003	-2.5 to 2.5	Pass

16QAM	1717.5	75	0	50	3.85	-5.107	-0.0029	-2.5 to 2.5	Pass
				20	3.27	-24.433	-0.0142	-2.5 to 2.5	Pass
					3.85	-35.062	-0.0204	-2.5 to 2.5	Pass
					4.43	-9.398	-0.0055	-2.5 to 2.5	Pass
				-30	3.85	-16.465	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-34.103	-0.0199	-2.5 to 2.5	Pass
				-10	3.85	-7.524	-0.0044	-2.5 to 2.5	Pass
				0	3.85	-29.240	-0.0170	-2.5 to 2.5	Pass
				10	3.85	2.704	0.0016	-2.5 to 2.5	Pass
				30	3.85	-3.018	-0.0018	-2.5 to 2.5	Pass
	1732.5	75	0	40	3.85	-6.895	-0.0040	-2.5 to 2.5	Pass
				50	3.85	-17.767	-0.0103	-2.5 to 2.5	Pass
				20	3.27	-22.616	-0.0131	-2.5 to 2.5	Pass
					3.85	-17.009	-0.0098	-2.5 to 2.5	Pass
					4.43	-11.716	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	4.606	0.0027	-2.5 to 2.5	Pass
				-20	3.85	2.217	0.0013	-2.5 to 2.5	Pass
				-10	3.85	12.531	0.0072	-2.5 to 2.5	Pass
				0	3.85	7.653	0.0044	-2.5 to 2.5	Pass
				10	3.85	2.804	0.0016	-2.5 to 2.5	Pass
	1747.5	75	0	30	3.85	-2.575	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-3.705	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-8.526	-0.0049	-2.5 to 2.5	Pass
				20	3.27	-5.908	-0.0034	-2.5 to 2.5	Pass
					3.85	-1.273	-0.0007	-2.5 to 2.5	Pass
					4.43	8.297	0.0047	-2.5 to 2.5	Pass
				-30	3.85	17.037	0.0097	-2.5 to 2.5	Pass
				-20	3.85	22.216	0.0127	-2.5 to 2.5	Pass
				-10	3.85	22.416	0.0128	-2.5 to 2.5	Pass
				0	3.85	34.990	0.0200	-2.5 to 2.5	Pass
				10	3.85	6.638	0.0038	-2.5 to 2.5	Pass
				30	3.85	14.591	0.0083	-2.5 to 2.5	Pass
				40	3.85	17.366	0.0099	-2.5 to 2.5	Pass
				50	3.85	22.674	0.0130	-2.5 to 2.5	Pass

2.1.6 B4_20MHz

Band: 4 / 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	8.225	0.0048	-2.5 to 2.5	Pass
					3.85	-19.541	-0.0114	-2.5 to 2.5	Pass
					4.43	-25.678	-0.0149	-2.5 to 2.5	Pass
				-30	3.85	-14.534	-0.0085	-2.5 to 2.5	Pass
				-20	3.85	-23.589	-0.0137	-2.5 to 2.5	Pass
				-10	3.85	-31.443	-0.0183	-2.5 to 2.5	Pass
				0	3.85	-13.189	-0.0077	-2.5 to 2.5	Pass
				10	3.85	5.507	0.0032	-2.5 to 2.5	Pass
				30	3.85	-31.471	-0.0183	-2.5 to 2.5	Pass
				40	3.85	-15.464	-0.0090	-2.5 to 2.5	Pass
	1732.5	100	0	50	3.85	-18.897	-0.0110	-2.5 to 2.5	Pass
				20	3.27	34.103	0.0197	-2.5 to 2.5	Pass
					3.85	-9.756	-0.0056	-2.5 to 2.5	Pass
					4.43	-28.396	-0.0164	-2.5 to 2.5	Pass
				-30	3.85	-16.708	-0.0096	-2.5 to 2.5	Pass
				-20	3.85	-34.246	-0.0198	-2.5 to 2.5	Pass
				-10	3.85	-11.687	-0.0067	-2.5 to 2.5	Pass

				0	3.85	-31.586	-0.0182	-2.5 to 2.5	Pass
				10	3.85	-15.779	-0.0091	-2.5 to 2.5	Pass
				30	3.85	-21.515	-0.0124	-2.5 to 2.5	Pass
				40	3.85	-34.633	-0.0200	-2.5 to 2.5	Pass
				50	3.85	-25.349	-0.0146	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	7.896	0.0045	-2.5 to 2.5	Pass
					3.85	-16.923	-0.0097	-2.5 to 2.5	Pass
					4.43	-32.301	-0.0185	-2.5 to 2.5	Pass
				-30	3.85	-40.426	-0.0232	-2.5 to 2.5	Pass
				-20	3.85	-14.534	-0.0083	-2.5 to 2.5	Pass
				-10	3.85	-24.462	-0.0140	-2.5 to 2.5	Pass
				0	3.85	-39.153	-0.0224	-2.5 to 2.5	Pass
				10	3.85	1.559	0.0009	-2.5 to 2.5	Pass
				30	3.85	-8.368	-0.0048	-2.5 to 2.5	Pass
				40	3.85	-24.490	-0.0140	-2.5 to 2.5	Pass
				50	3.85	-33.474	-0.0192	-2.5 to 2.5	Pass
16QAM	1720	100	0	20	3.27	-37.766	-0.0220	-2.5 to 2.5	Pass
					3.85	1.659	0.0010	-2.5 to 2.5	Pass
					4.43	-22.430	-0.0130	-2.5 to 2.5	Pass
				-30	3.85	-26.579	-0.0155	-2.5 to 2.5	Pass
				-20	3.85	-31.428	-0.0183	-2.5 to 2.5	Pass
				-10	3.85	-35.090	-0.0204	-2.5 to 2.5	Pass
				0	3.85	-29.383	-0.0171	-2.5 to 2.5	Pass
				10	3.85	-31.872	-0.0185	-2.5 to 2.5	Pass
				30	3.85	-32.229	-0.0187	-2.5 to 2.5	Pass
				40	3.85	-6.723	-0.0039	-2.5 to 2.5	Pass
				50	3.85	-9.270	-0.0054	-2.5 to 2.5	Pass
	1732.5	100	0	20	3.27	-16.751	-0.0097	-2.5 to 2.5	Pass
					3.85	-7.396	-0.0043	-2.5 to 2.5	Pass
					4.43	6.709	0.0039	-2.5 to 2.5	Pass
				-30	3.85	12.560	0.0072	-2.5 to 2.5	Pass
				-20	3.85	15.006	0.0087	-2.5 to 2.5	Pass
				-10	3.85	30.727	0.0177	-2.5 to 2.5	Pass
				0	3.85	26.665	0.0154	-2.5 to 2.5	Pass
				10	3.85	31.199	0.0180	-2.5 to 2.5	Pass
				30	3.85	31.886	0.0184	-2.5 to 2.5	Pass
				40	3.85	27.809	0.0161	-2.5 to 2.5	Pass
				50	3.85	32.630	0.0188	-2.5 to 2.5	Pass
	1745	100	0	20	3.27	-31.285	-0.0179	-2.5 to 2.5	Pass
					3.85	-19.126	-0.0110	-2.5 to 2.5	Pass
					4.43	-11.930	-0.0068	-2.5 to 2.5	Pass
				-30	3.85	-0.386	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	10.314	0.0059	-2.5 to 2.5	Pass
				-10	3.85	24.133	0.0138	-2.5 to 2.5	Pass
				0	3.85	32.187	0.0184	-2.5 to 2.5	Pass
				10	3.85	39.368	0.0226	-2.5 to 2.5	Pass
				30	3.85	37.637	0.0216	-2.5 to 2.5	Pass
				40	3.85	23.446	0.0134	-2.5 to 2.5	Pass
				50	3.85	-3.562	-0.0020	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	6	0	Refer To Test Graph		Pass
16QAM	1732.5	6	0	Refer To Test Graph		Pass

3.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	15	0	Refer To Test Graph		Pass
16QAM	1732.5	15	0	Refer To Test Graph		Pass

3.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	25	0	Refer To Test Graph		Pass
16QAM	1732.5	25	0	Refer To Test Graph		Pass

3.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	50	0	Refer To Test Graph		Pass
16QAM	1732.5	50	0	Refer To Test Graph		Pass

3.1.5 B4_15MHz

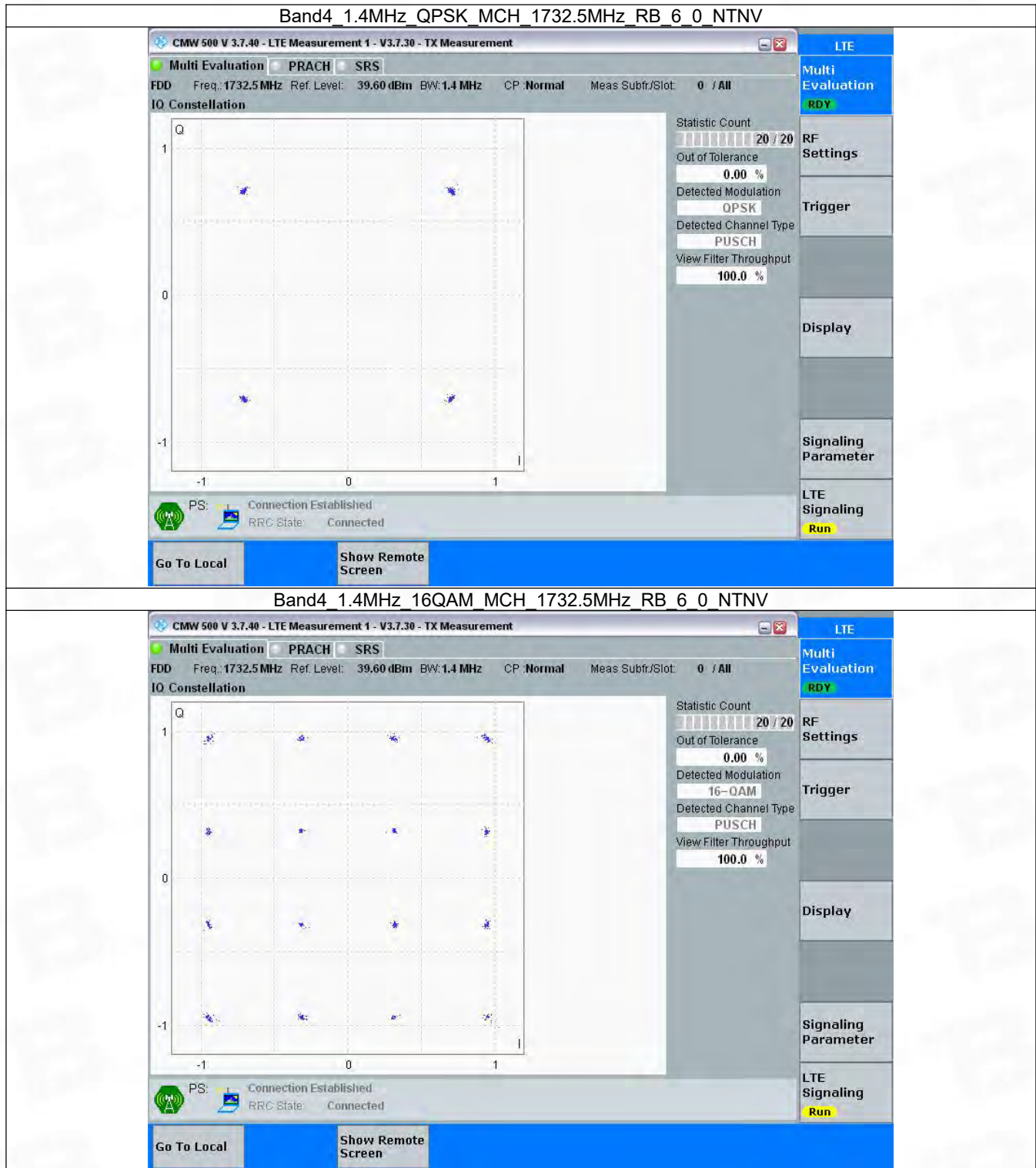
Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	75	0	Refer To Test Graph		Pass
16QAM	1732.5	75	0	Refer To Test Graph		Pass

3.1.6 B4_20MHz

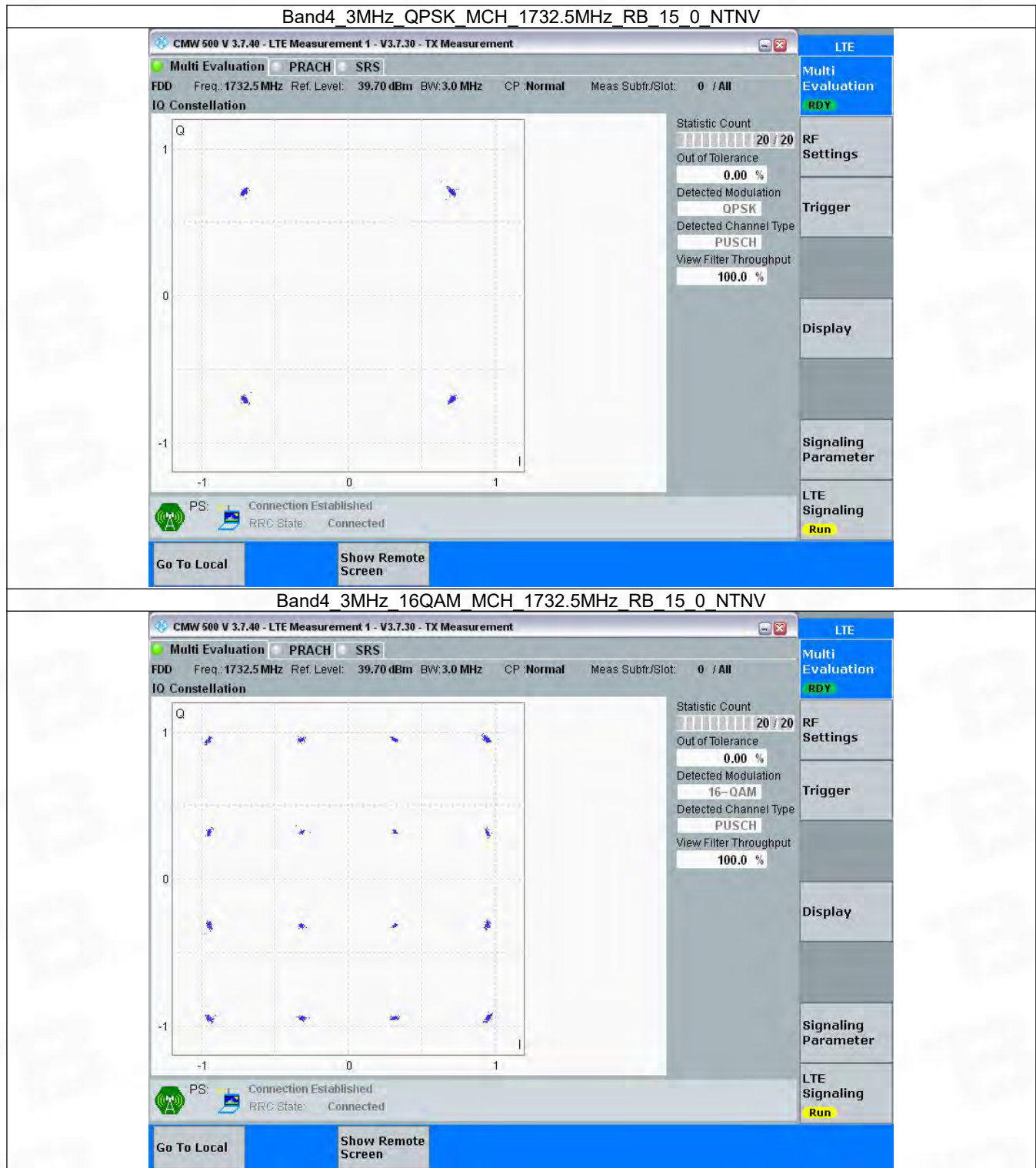
Band: 4 / Bandwidth: 20MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	1732.5	100	0	Refer To Test Graph		Pass
16QAM	1732.5	100	0	Refer To Test Graph		Pass

3.2 Test Graph

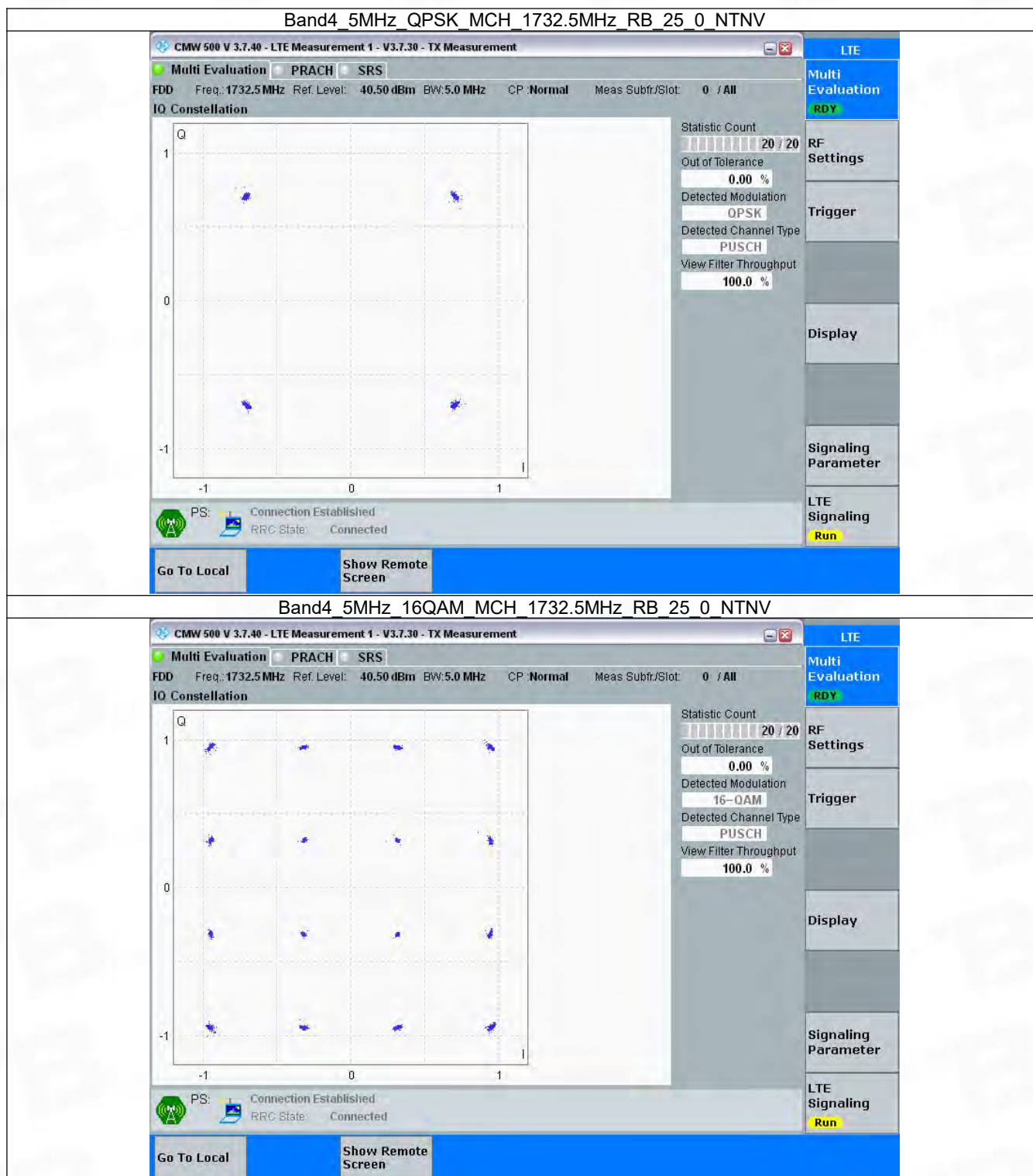
3.2.1 B4_1.4MHz



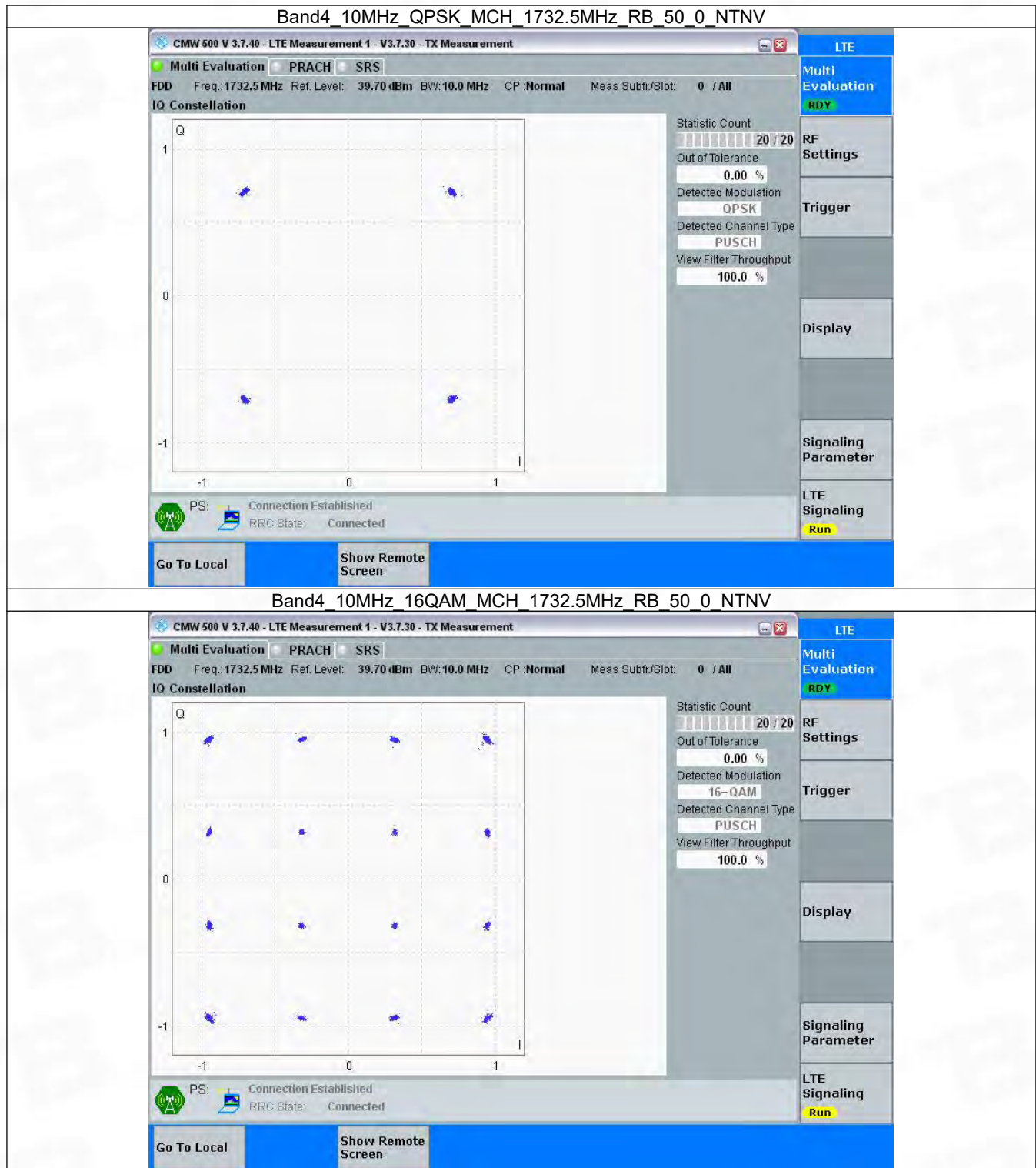
3.2.2 B4_3MHz



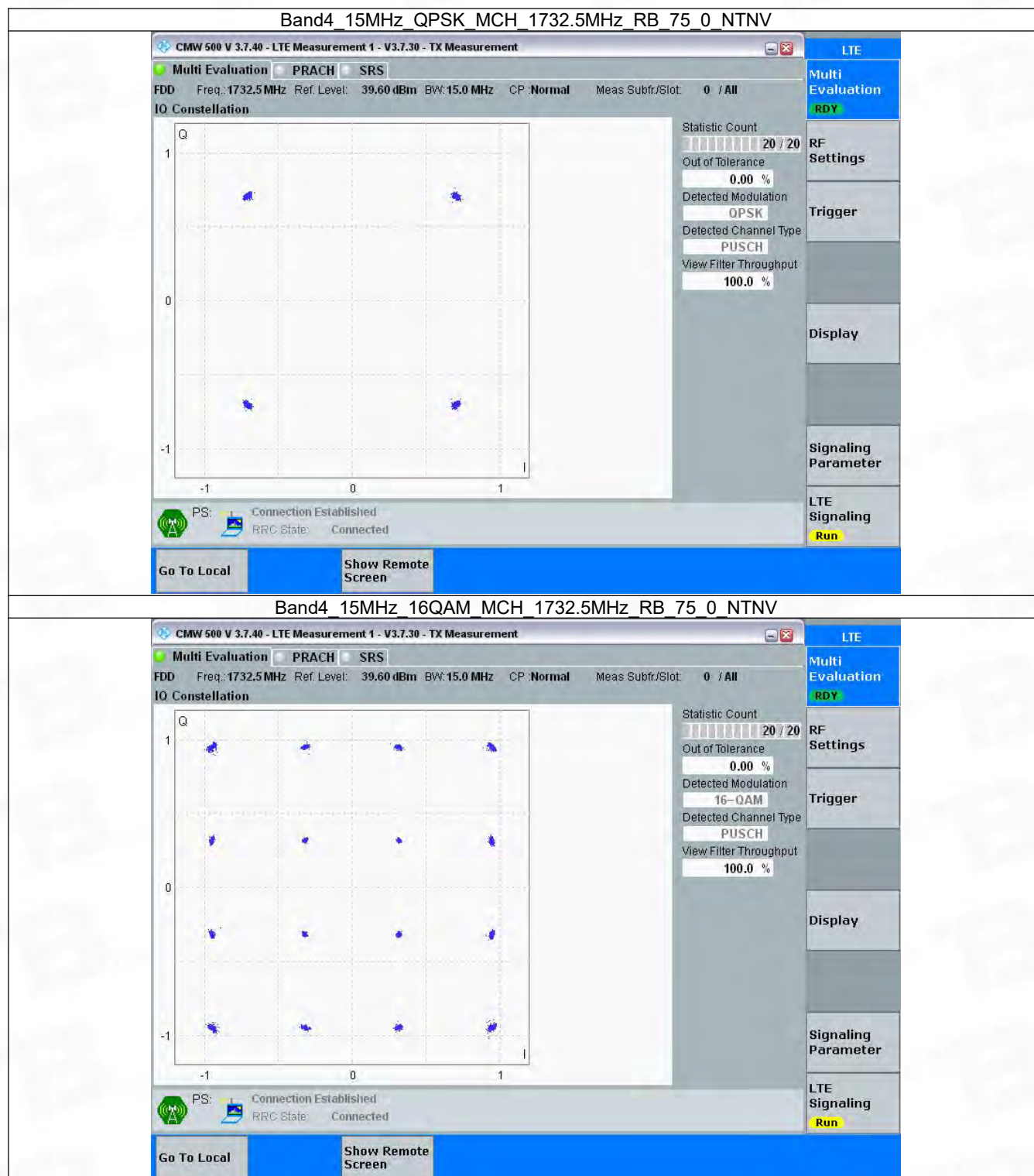
3.2.3 B4_5MHz



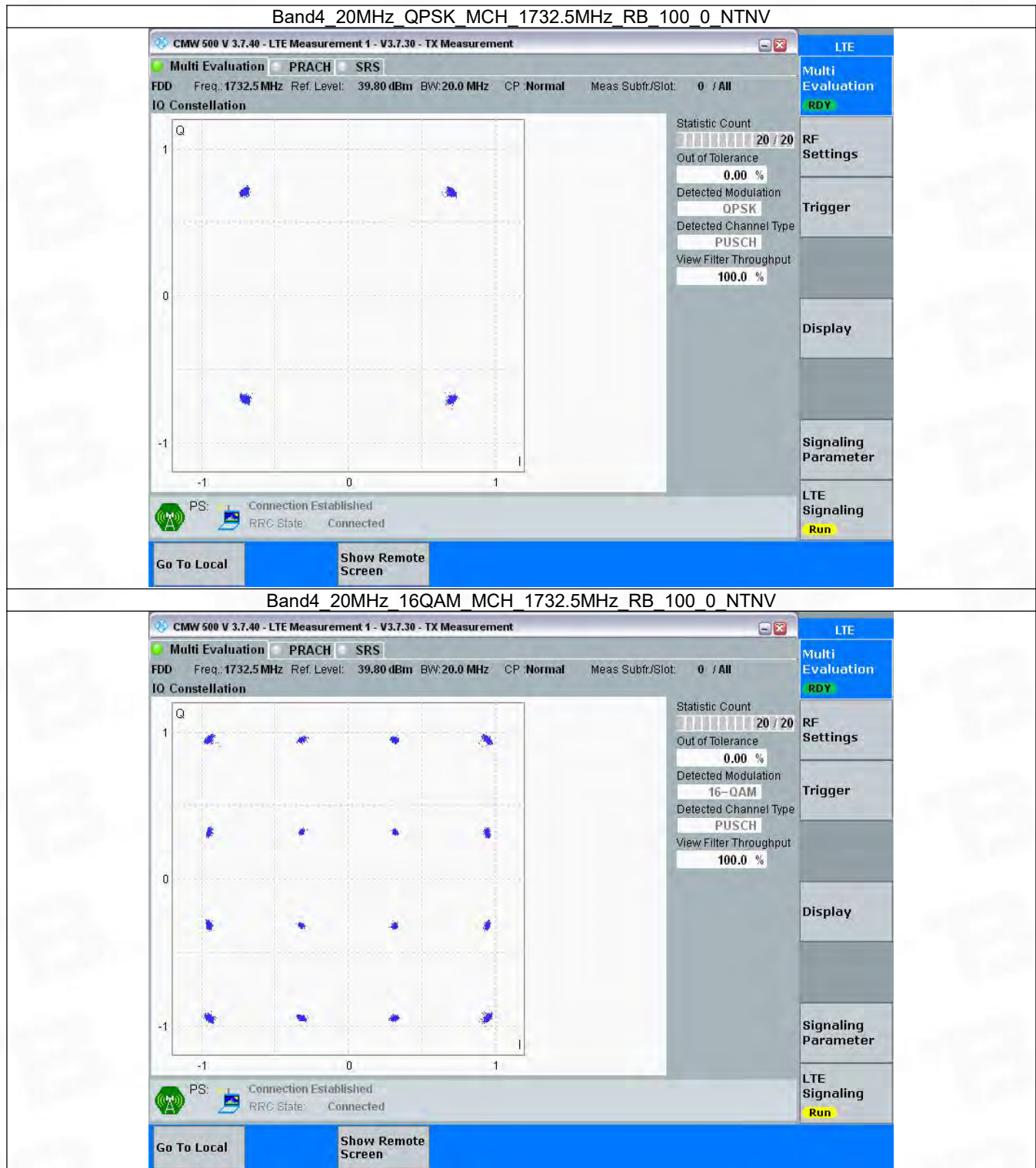
3.2.4 B4_10MHz



3.2.5 B4_15MHz



3.2.6 B4_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band4_OBW

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.117	/	Pass
		1732.5	6	0	1.103	/	Pass
		1754.3	6	0	1.117	/	Pass
	16QAM	1710.7	6	0	1.116	/	Pass
		1732.5	6	0	1.106	/	Pass
		1754.3	6	0	1.117	/	Pass
3	QPSK	1711.5	15	0	2.752	/	Pass
		1732.5	15	0	2.739	/	Pass
		1753.5	15	0	2.758	/	Pass
	16QAM	1711.5	15	0	2.764	/	Pass
		1732.5	15	0	2.753	/	Pass
		1753.5	15	0	2.761	/	Pass
5	QPSK	1712.5	25	0	4.544	/	Pass
		1732.5	25	0	4.554	/	Pass
		1752.5	25	0	4.571	/	Pass
	16QAM	1712.5	25	0	4.586	/	Pass
		1732.5	25	0	4.558	/	Pass
		1752.5	25	0	4.570	/	Pass
10	QPSK	1715	50	0	9.094	/	Pass
		1732.5	50	0	9.054	/	Pass
		1750	50	0	9.054	/	Pass
	16QAM	1715	50	0	9.049	/	Pass
		1732.5	50	0	9.092	/	Pass
		1750	50	0	9.047	/	Pass
15	QPSK	1717.5	75	0	13.619	/	Pass
		1732.5	75	0	13.595	/	Pass
		1747.5	75	0	13.614	/	Pass
	16QAM	1717.5	75	0	13.628	/	Pass
		1732.5	75	0	13.591	/	Pass
		1747.5	75	0	13.550	/	Pass
20	QPSK	1720	100	0	18.149	/	Pass
		1732.5	100	0	18.155	/	Pass
		1745	100	0	18.159	/	Pass
	16QAM	1720	100	0	18.156	/	Pass
		1732.5	100	0	18.198	/	Pass
		1745	100	0	18.240	/	Pass

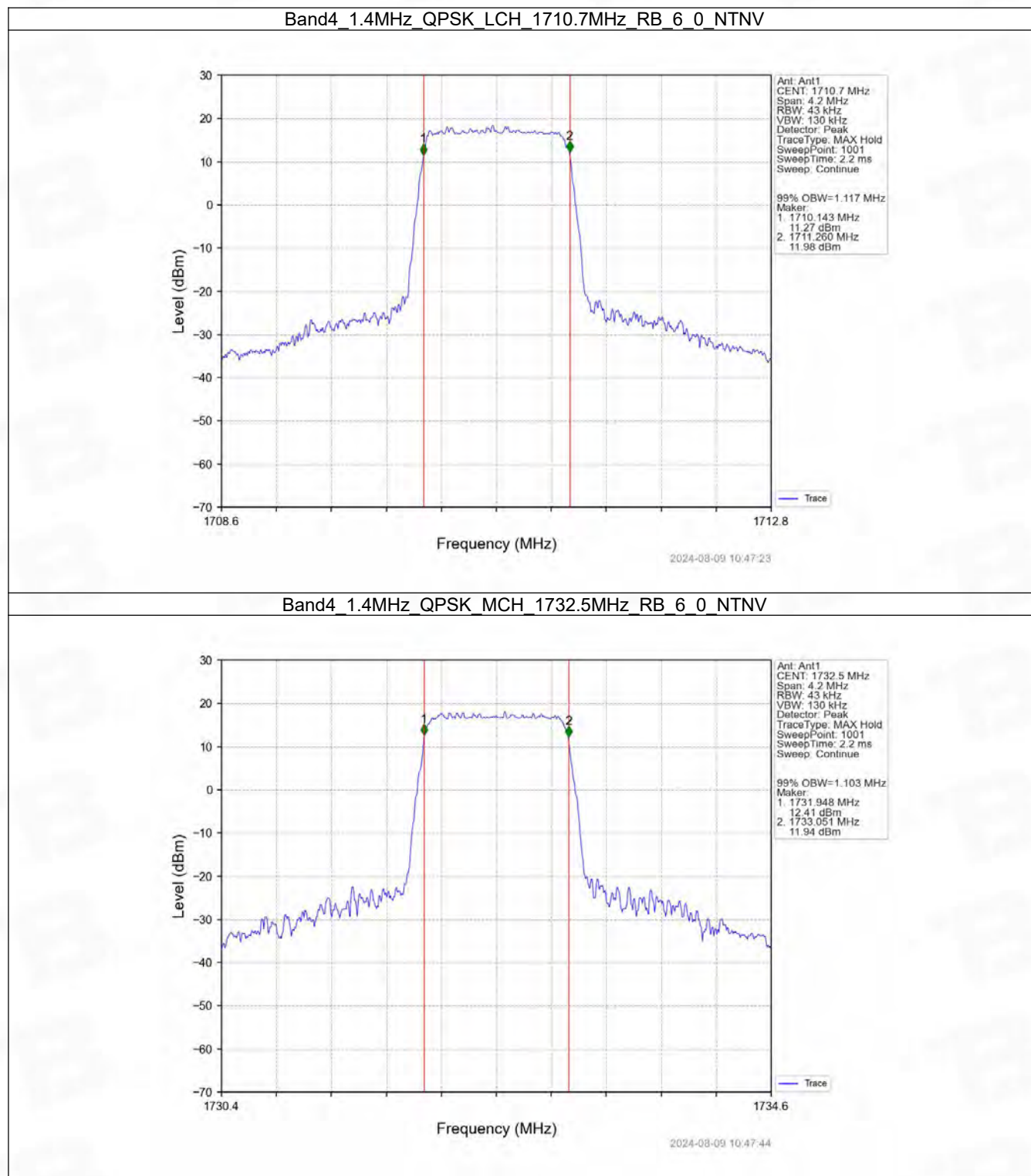
4.1.2 Band4_XDB

Band: 4 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
1.4	QPSK	1710.7	6	0	1.273	/	Pass
		1732.5	6	0	1.273	/	Pass
		1754.3	6	0	1.275	/	Pass

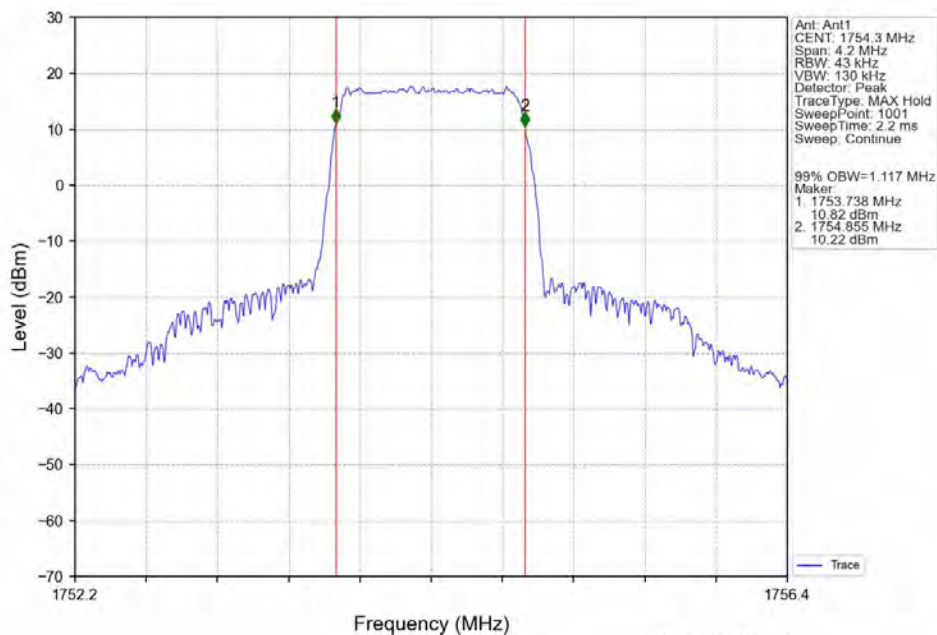
	16QAM	1710.7	6	0	1.277	/	Pass
		1732.5	6	0	1.263	/	Pass
		1754.3	6	0	1.264	/	Pass
3	QPSK	1711.5	15	0	3.083	/	Pass
		1732.5	15	0	3.078	/	Pass
		1753.5	15	0	3.092	/	Pass
	16QAM	1711.5	15	0	3.113	/	Pass
		1732.5	15	0	3.109	/	Pass
		1753.5	15	0	3.104	/	Pass
5	QPSK	1712.5	25	0	5.041	/	Pass
		1732.5	25	0	5.084	/	Pass
		1752.5	25	0	5.045	/	Pass
	16QAM	1712.5	25	0	5.023	/	Pass
		1732.5	25	0	5.060	/	Pass
		1752.5	25	0	5.035	/	Pass
10	QPSK	1715	50	0	10.079	/	Pass
		1732.5	50	0	10.047	/	Pass
		1750	50	0	10.058	/	Pass
	16QAM	1715	50	0	10.066	/	Pass
		1732.5	50	0	10.074	/	Pass
		1750	50	0	10.077	/	Pass
15	QPSK	1717.5	75	0	15.132	/	Pass
		1732.5	75	0	15.164	/	Pass
		1747.5	75	0	15.267	/	Pass
	16QAM	1717.5	75	0	15.171	/	Pass
		1732.5	75	0	15.310	/	Pass
		1747.5	75	0	14.593	/	Pass
20	QPSK	1720	100	0	20.078	/	Pass
		1732.5	100	0	20.018	/	Pass
		1745	100	0	20.009	/	Pass
	16QAM	1720	100	0	20.106	/	Pass
		1732.5	100	0	20.039	/	Pass
		1745	100	0	20.068	/	Pass

4.2 Test Graph

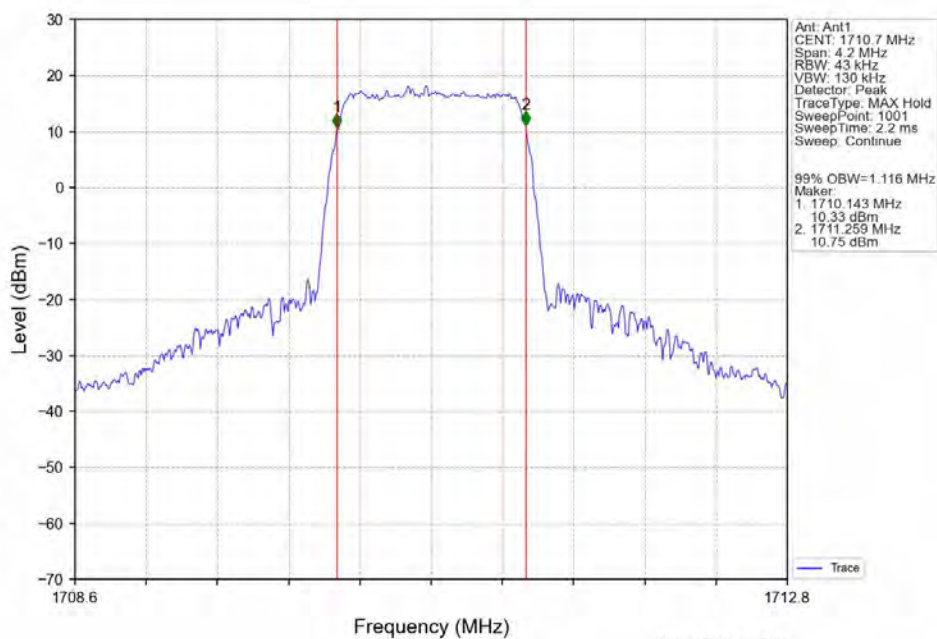
4.2.1 Band4_OBW



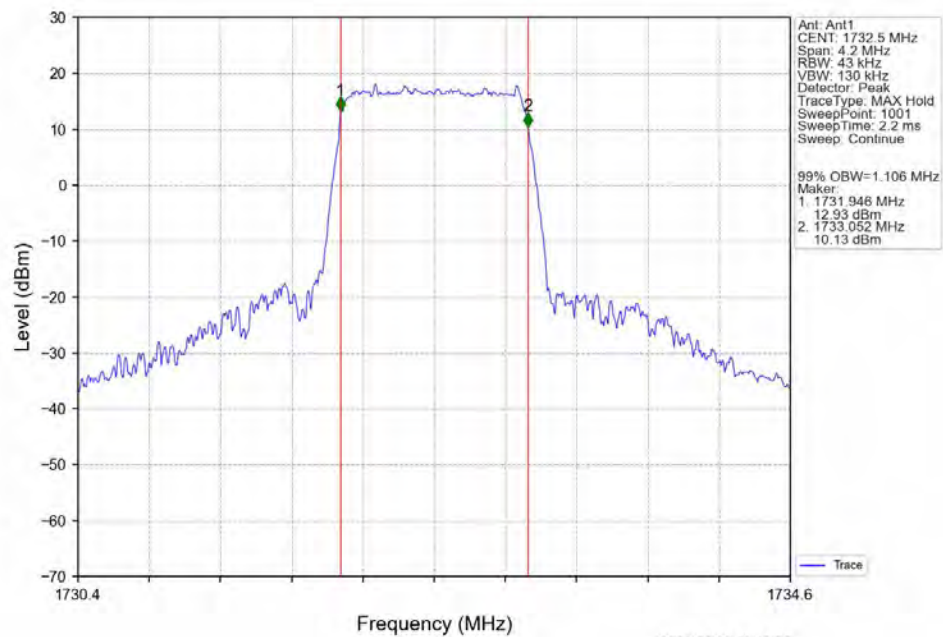
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



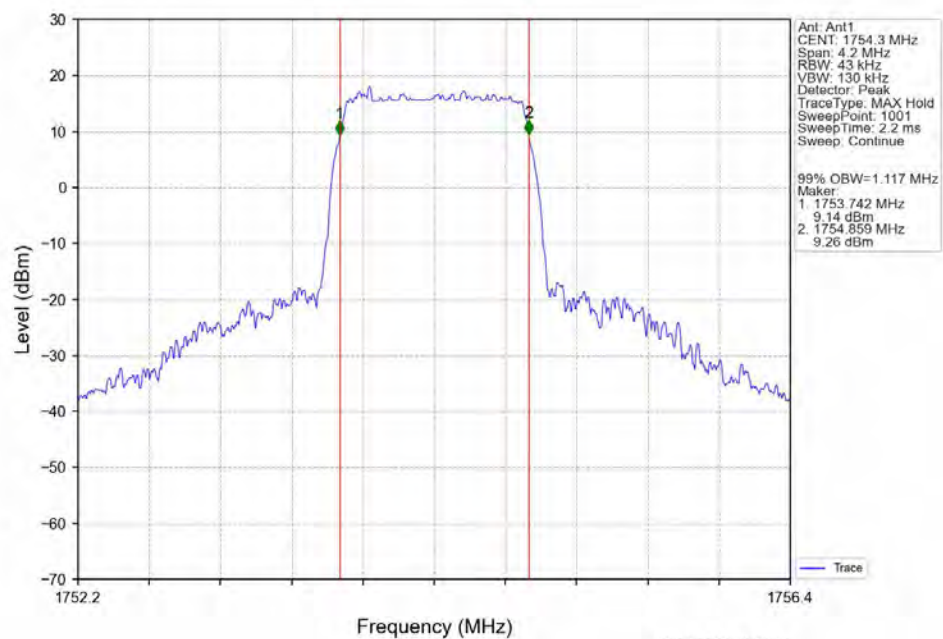
Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



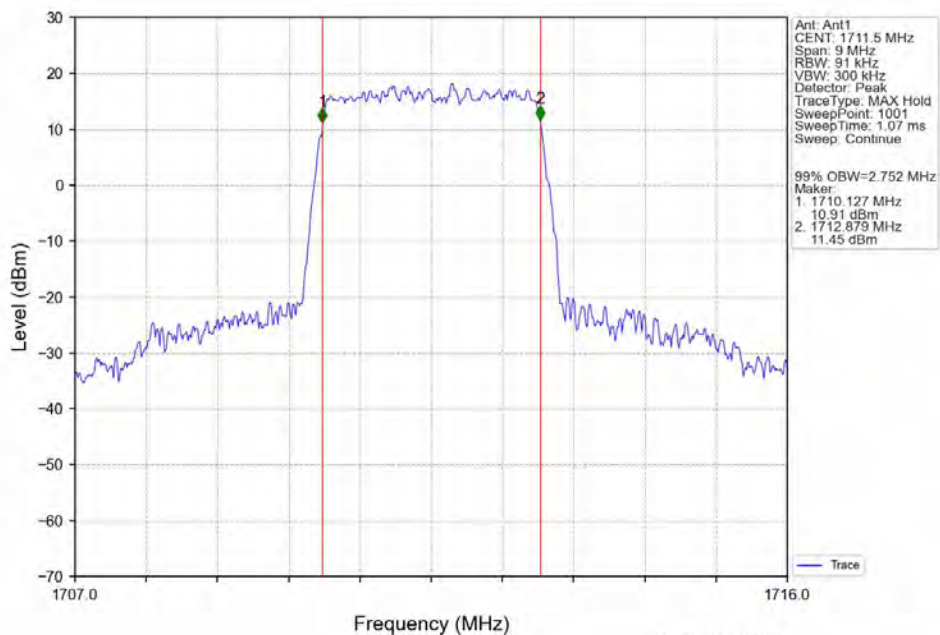
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



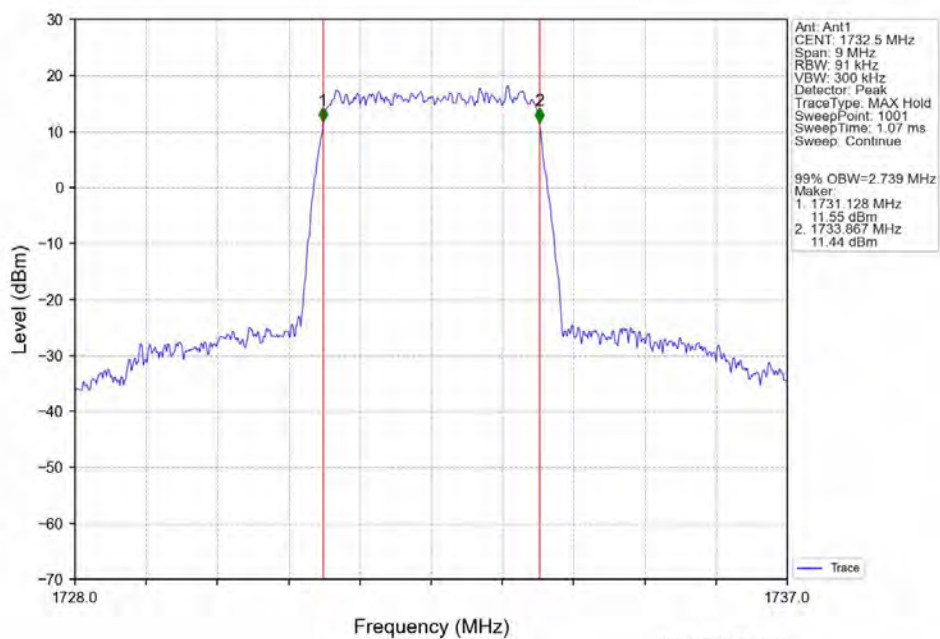
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



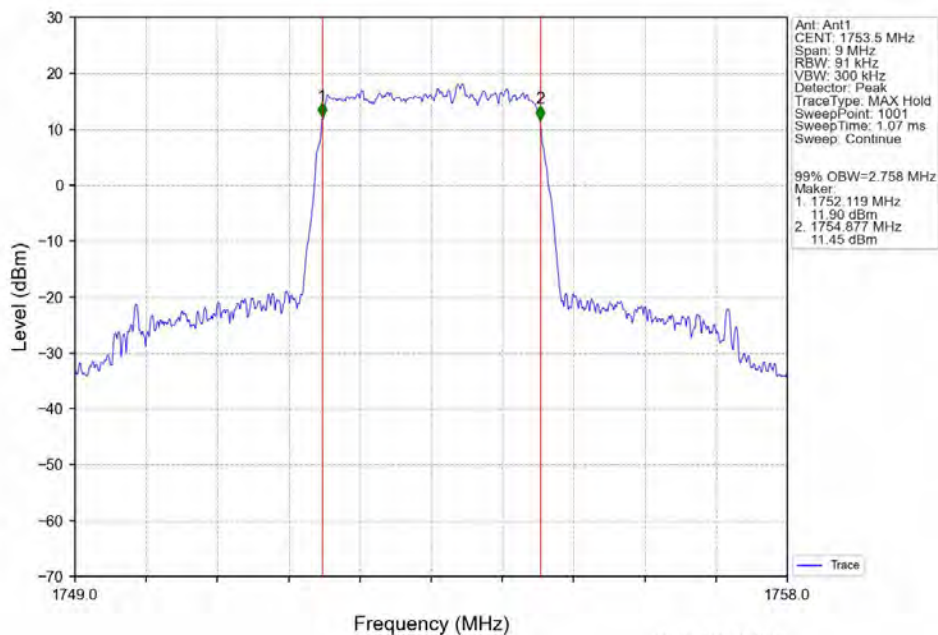
Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV



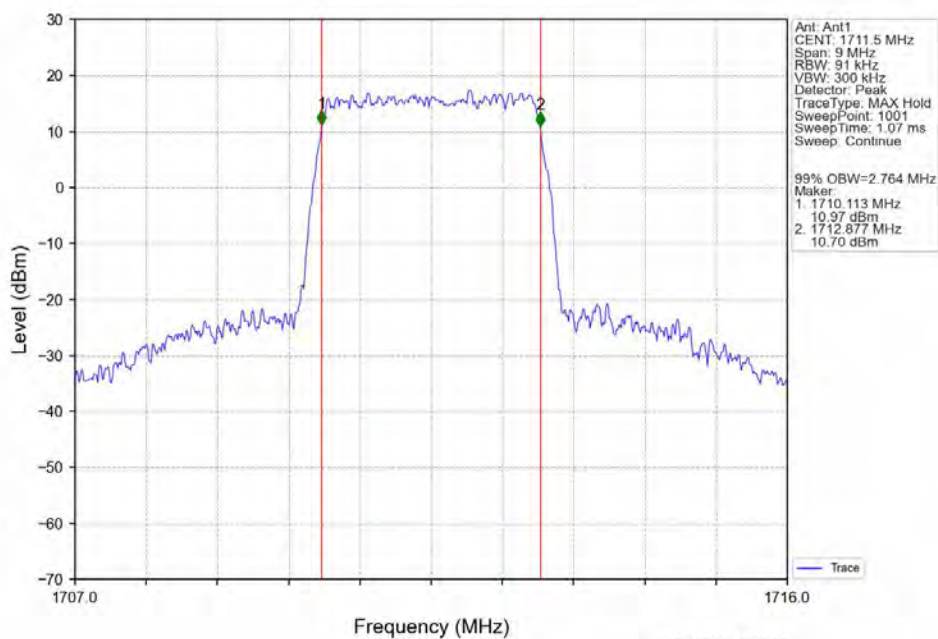
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_15_0_NTNV



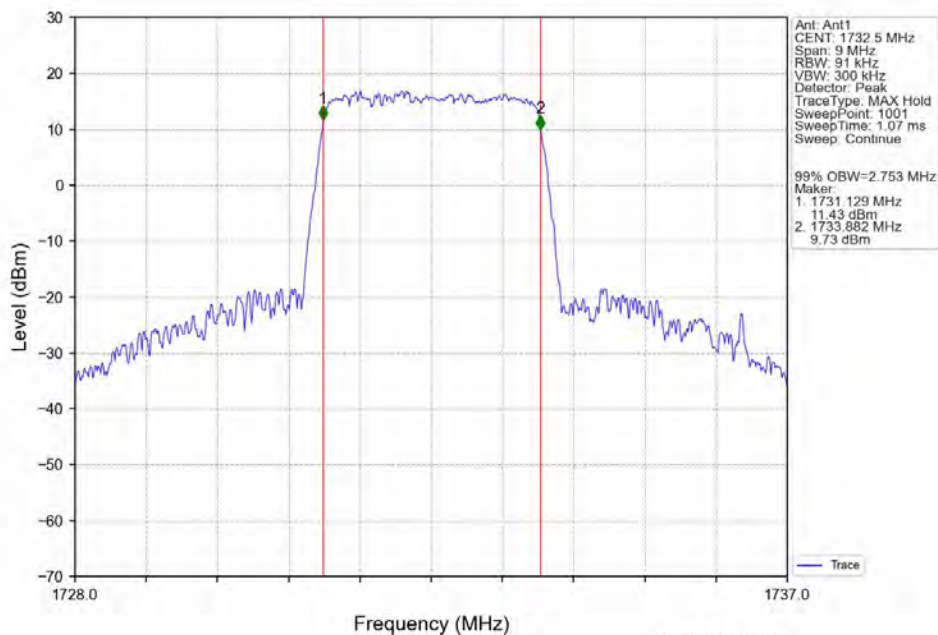
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



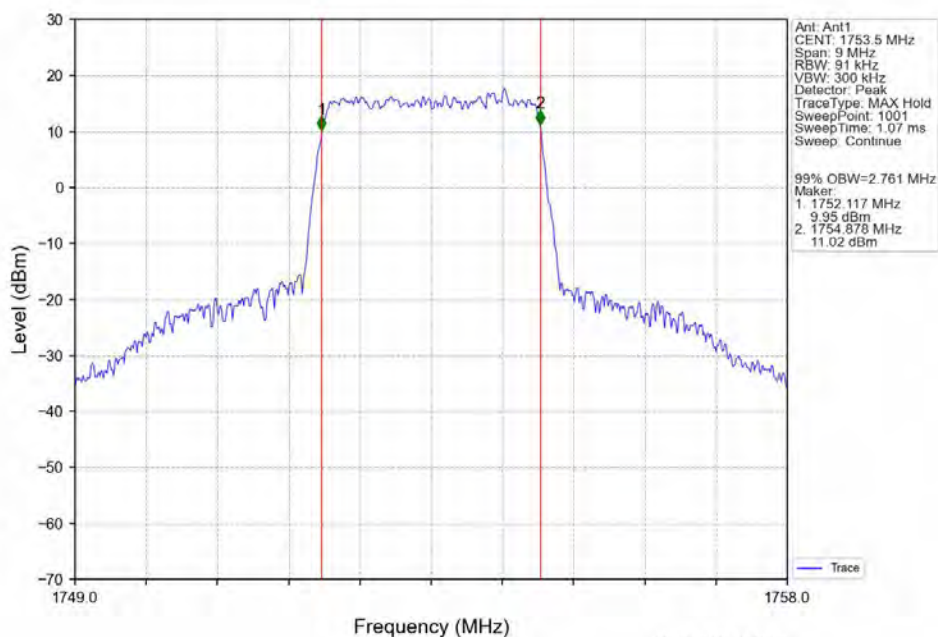
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



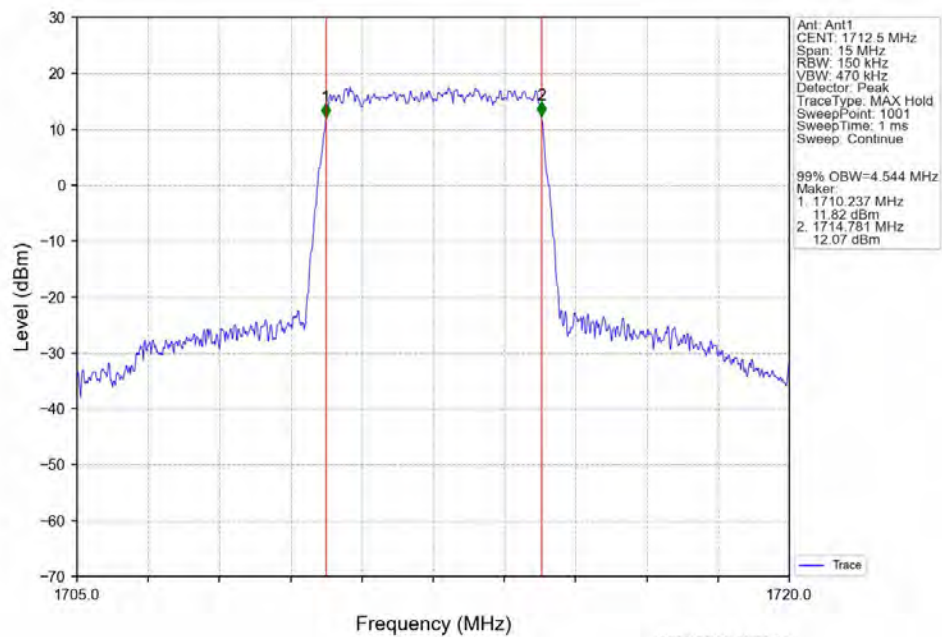
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



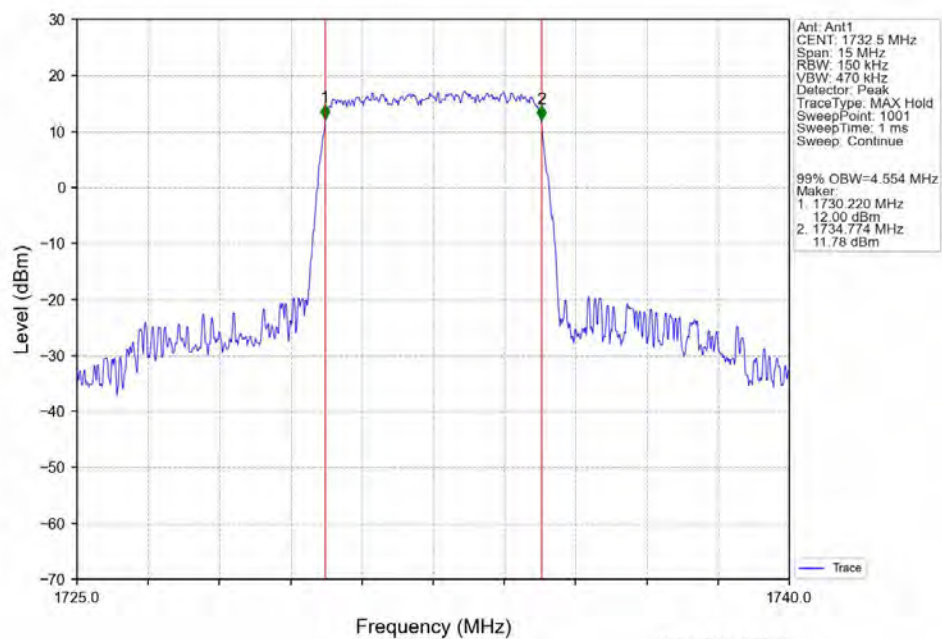
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV



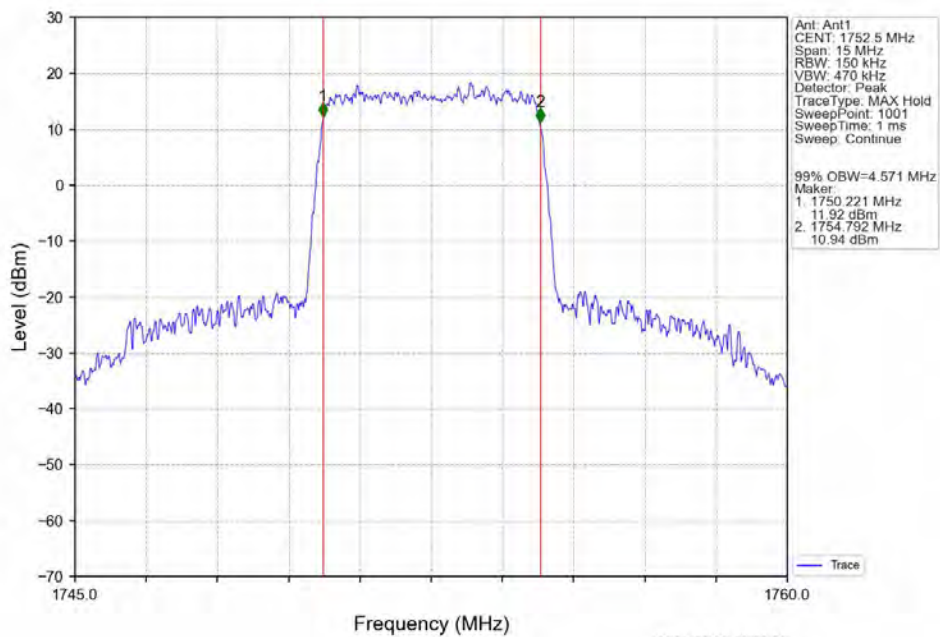
Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV



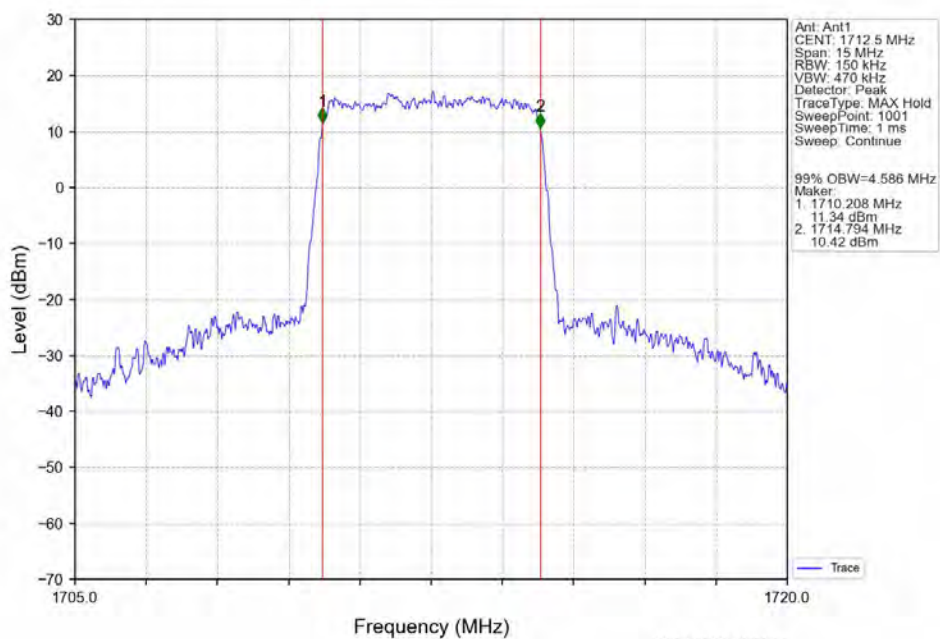
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_25_0_NTNV



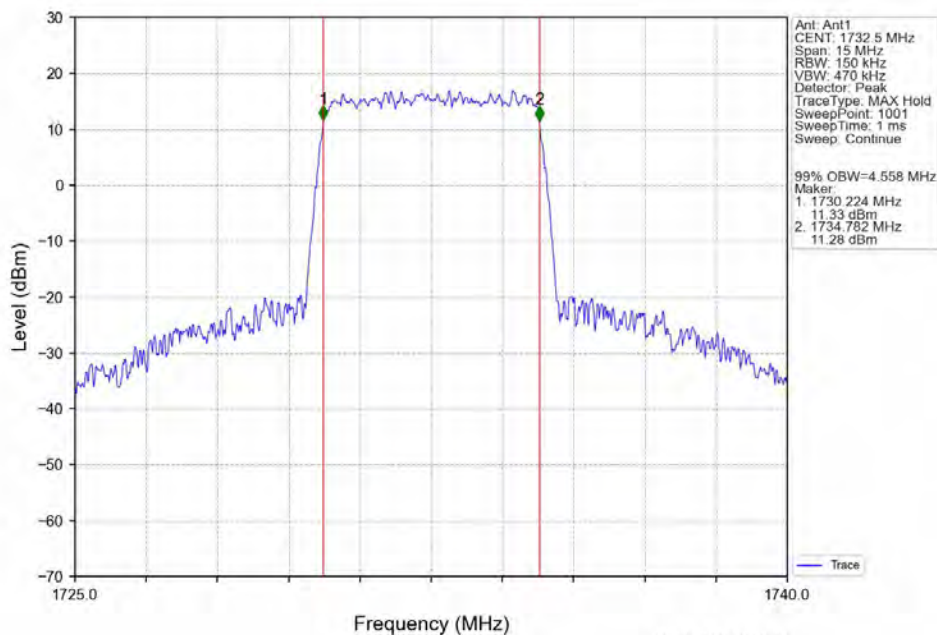
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



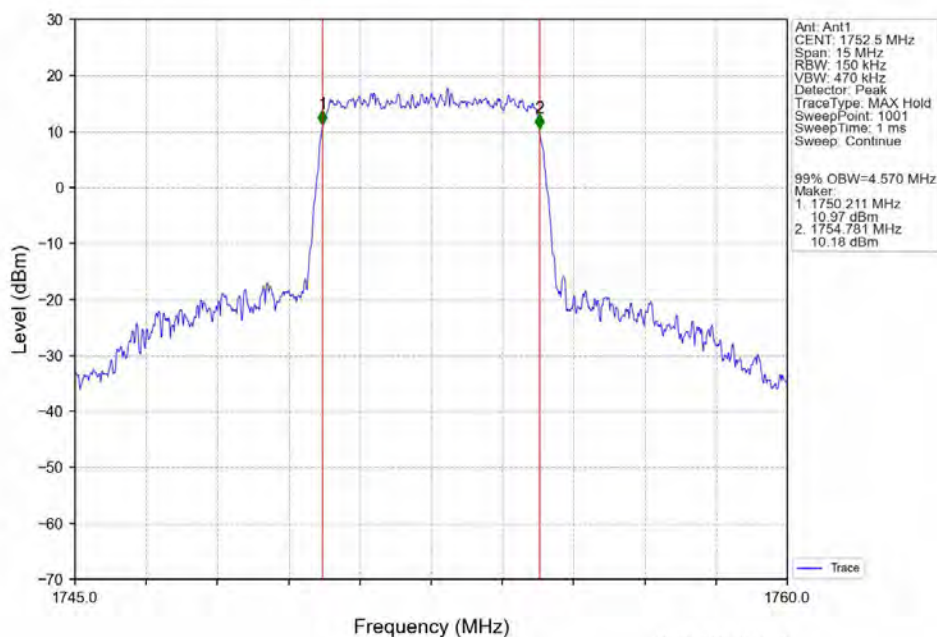
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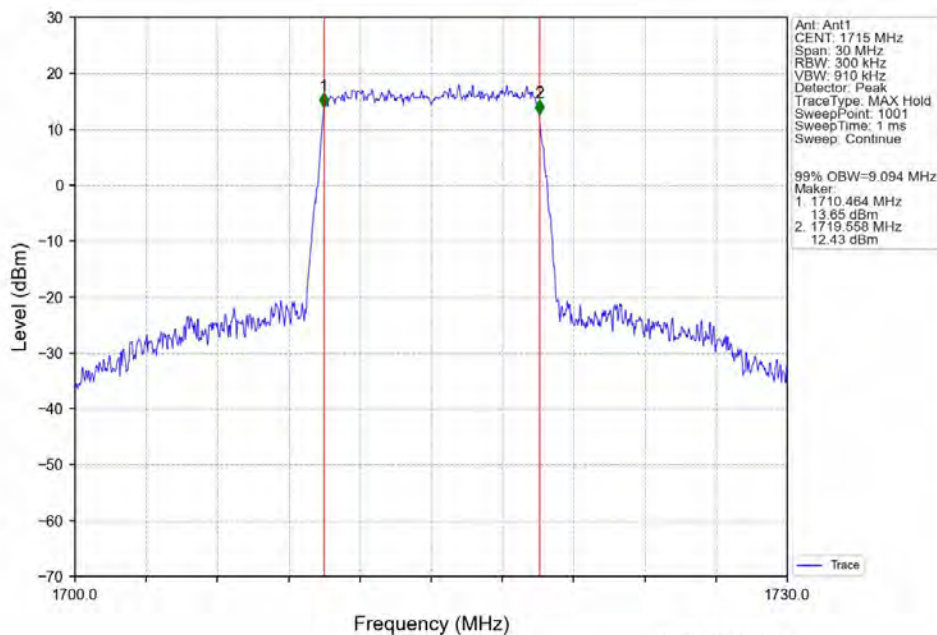
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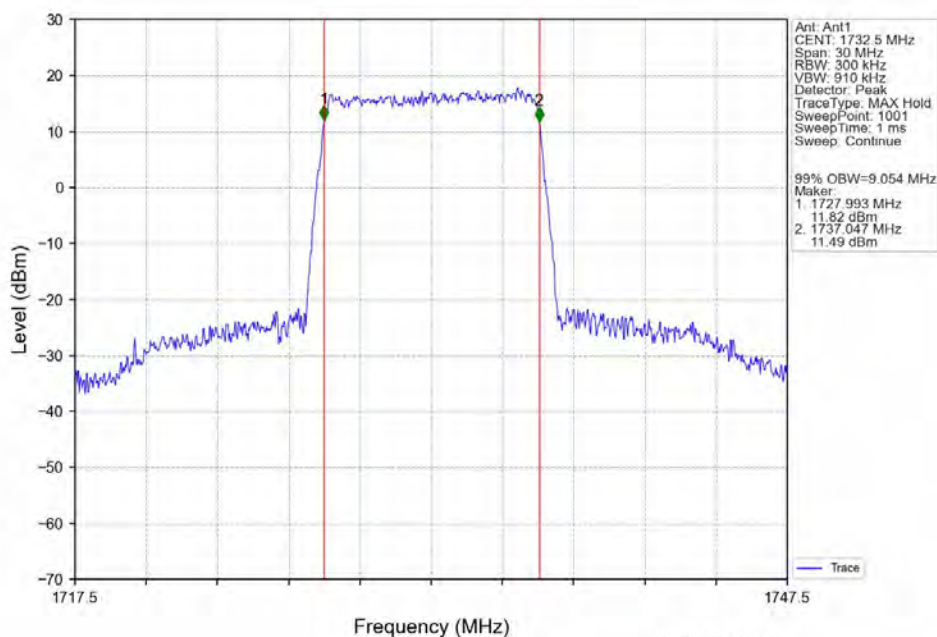
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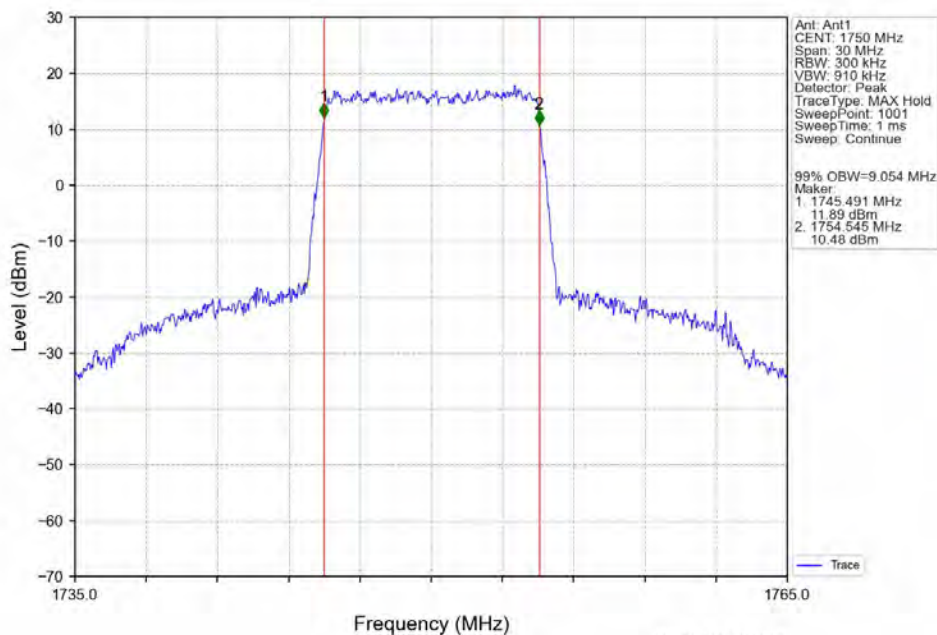
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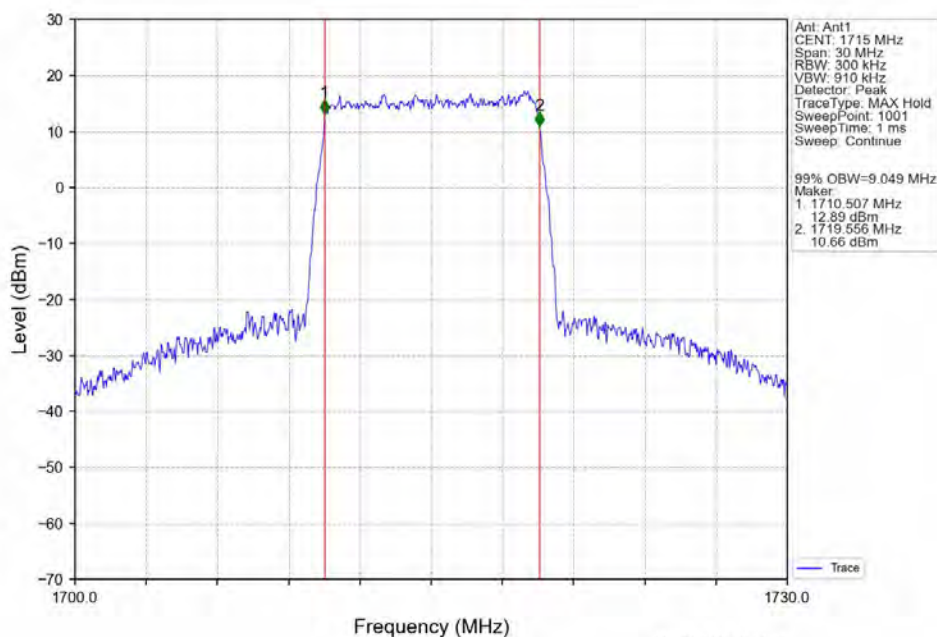
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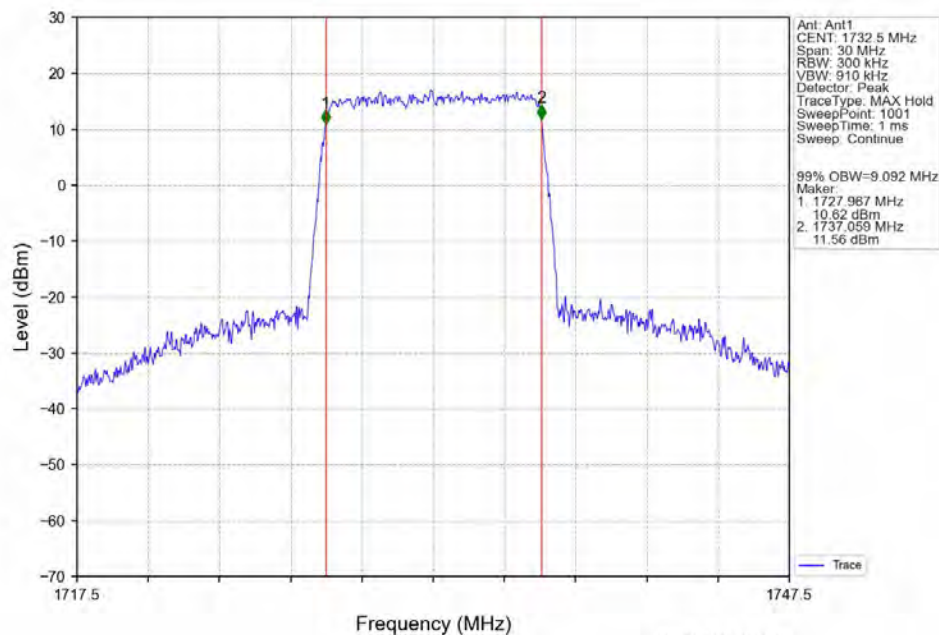
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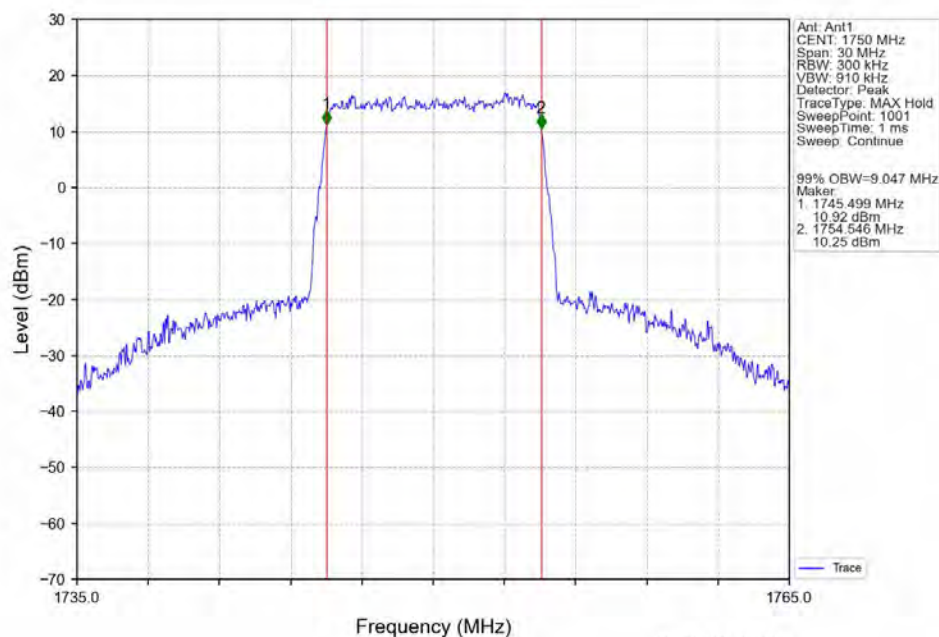
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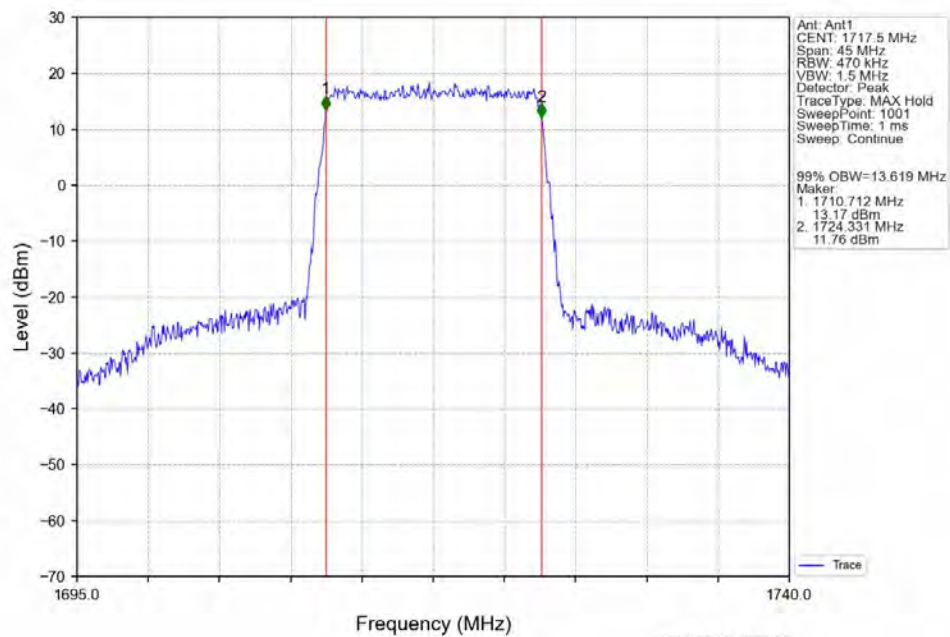
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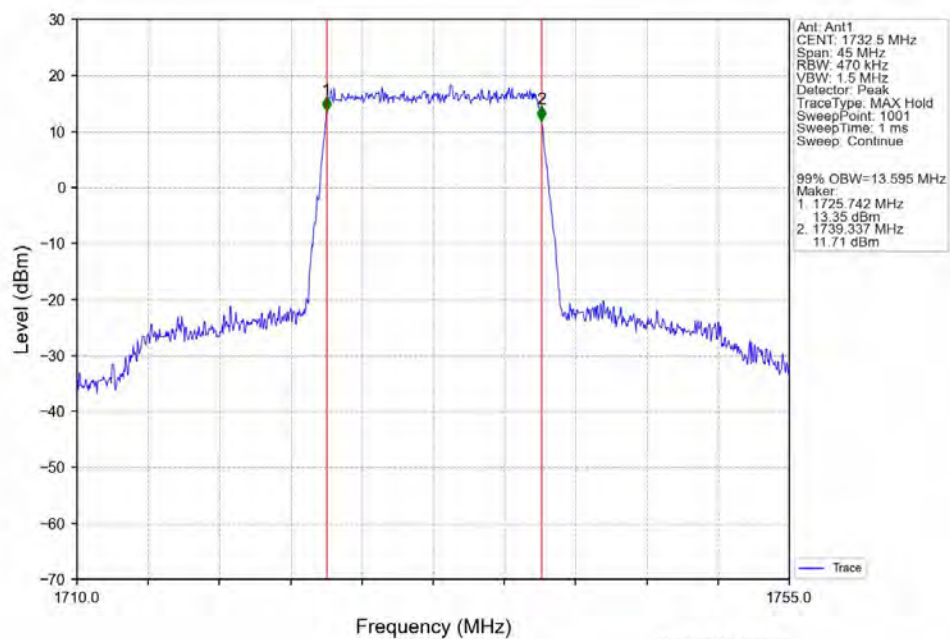
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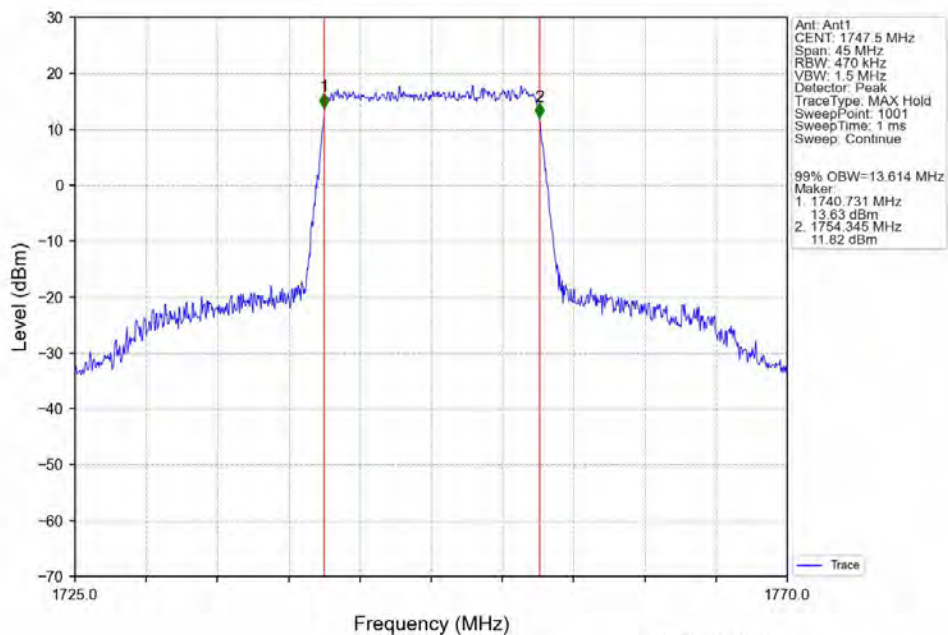
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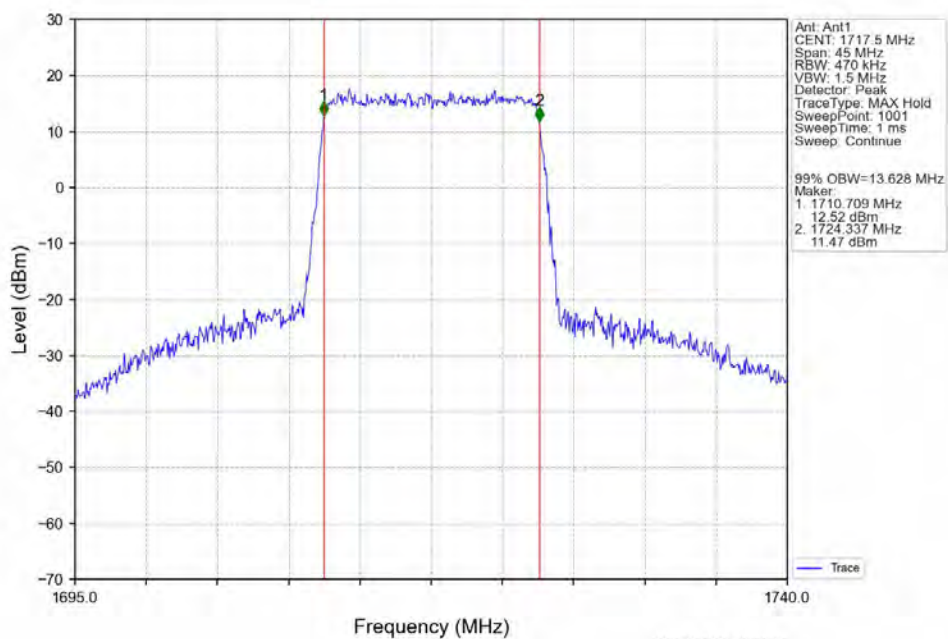
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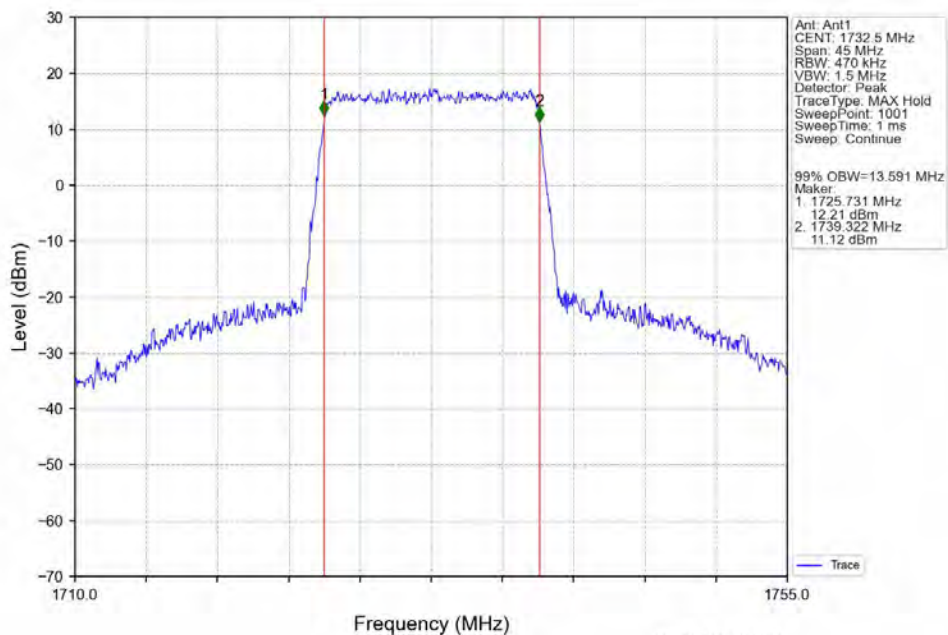
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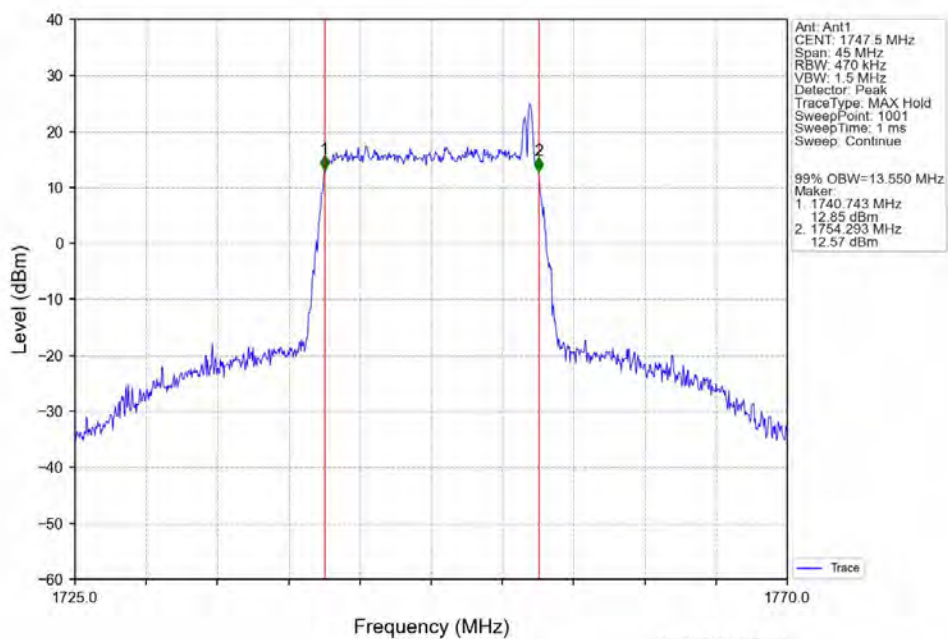
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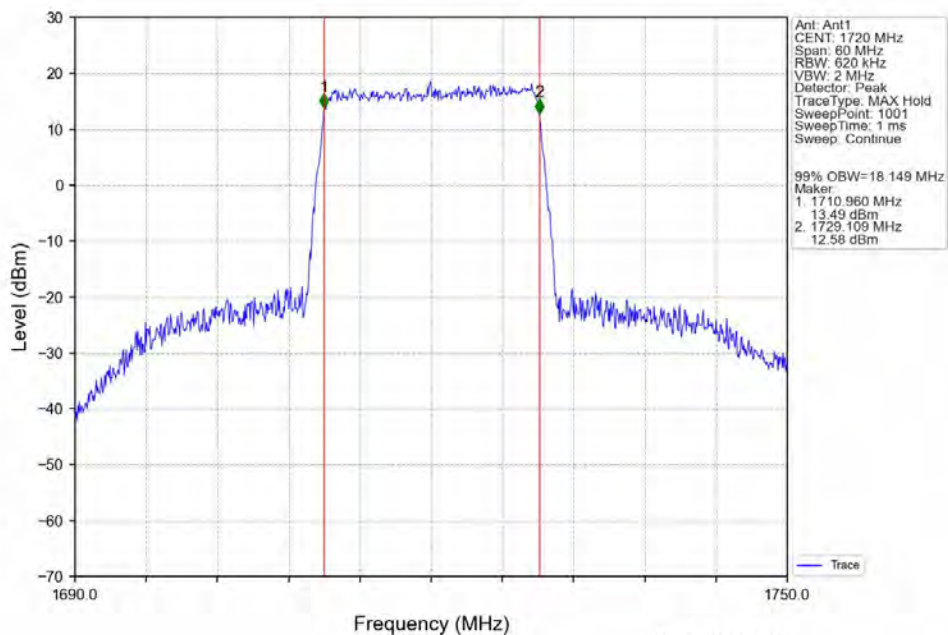
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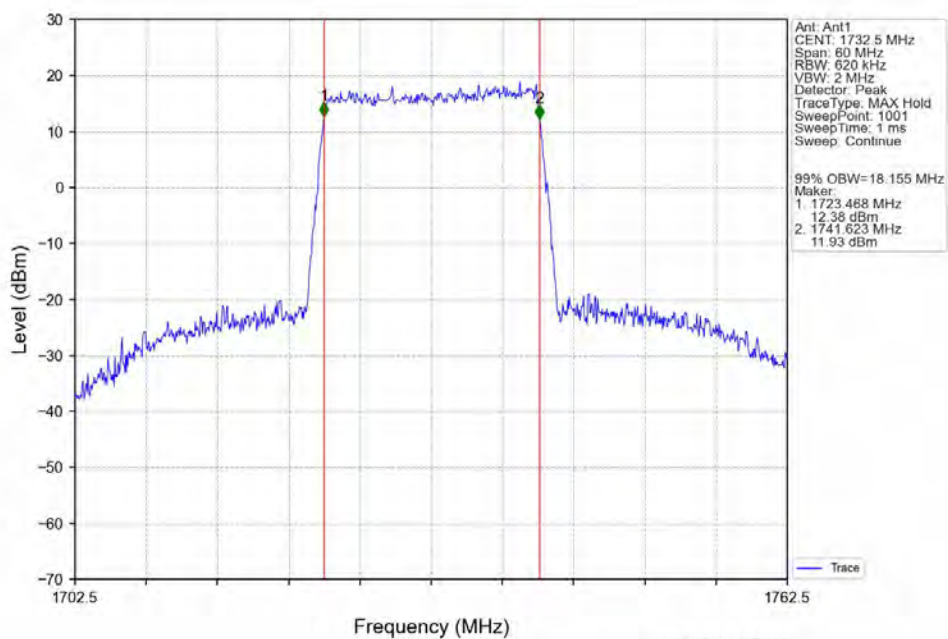
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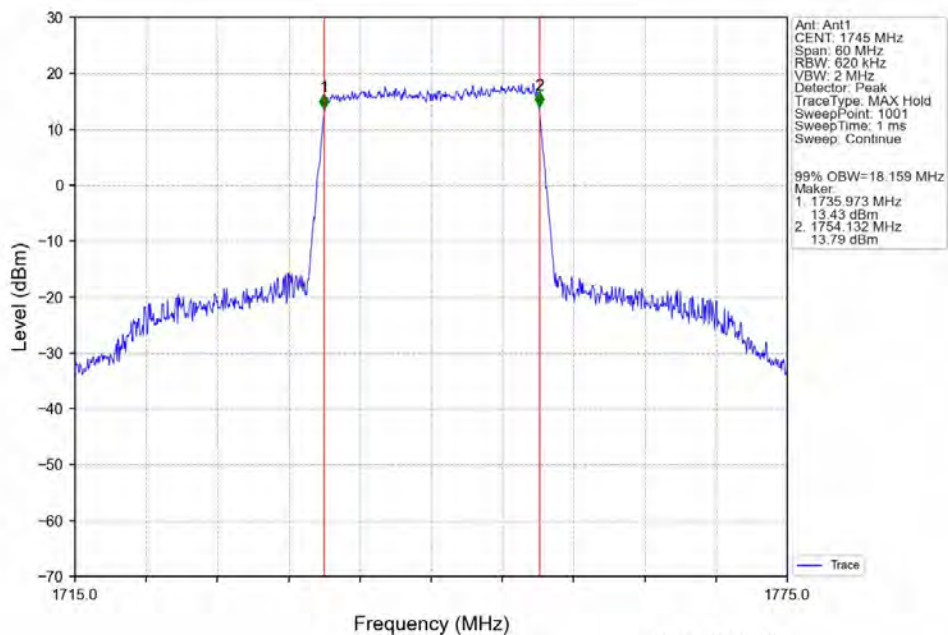
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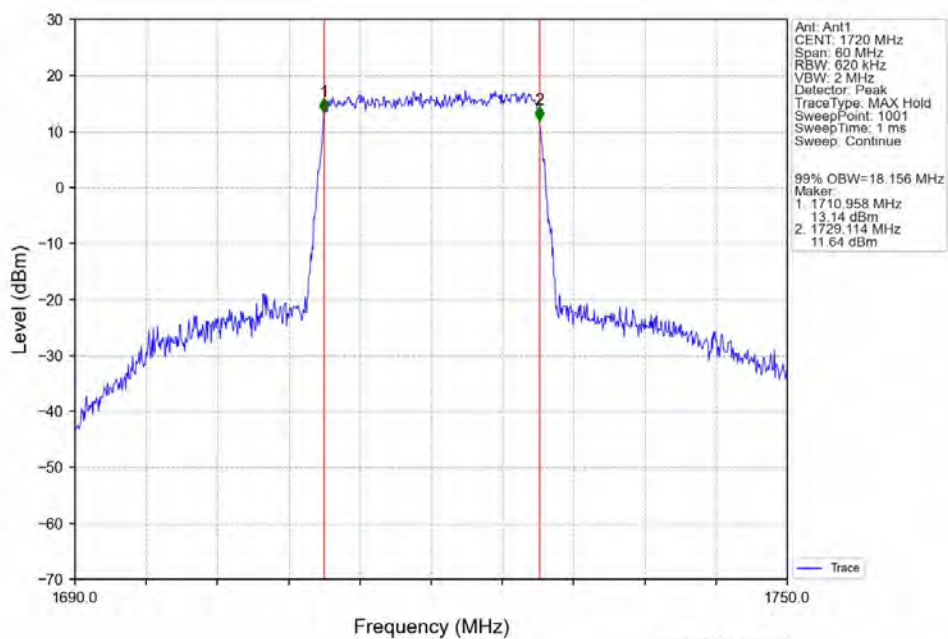
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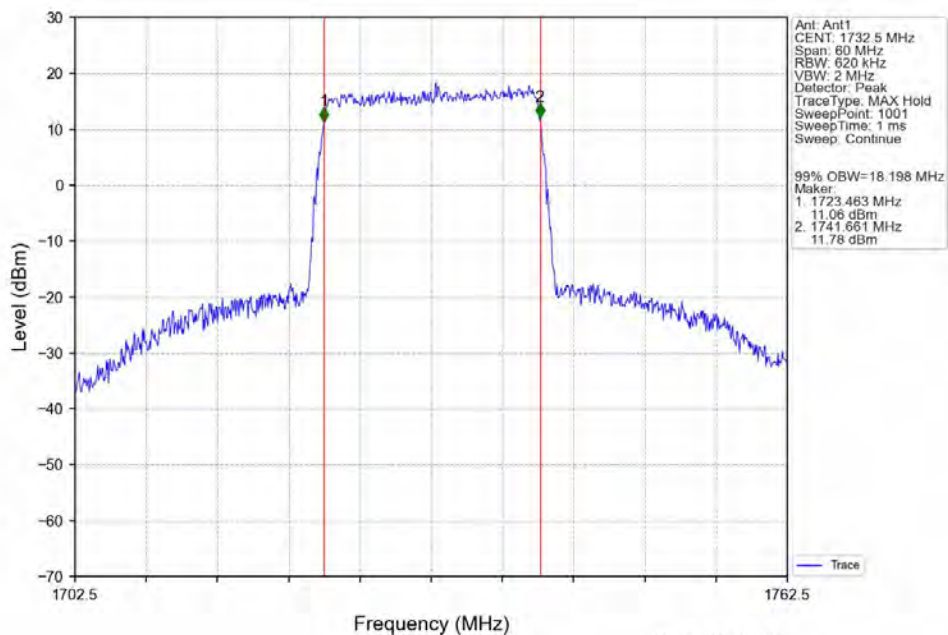
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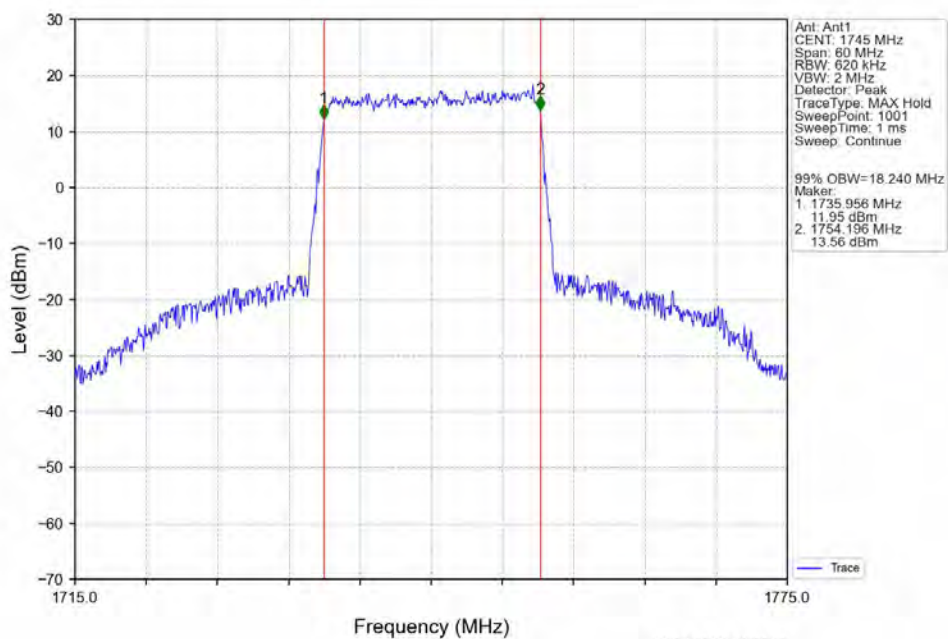
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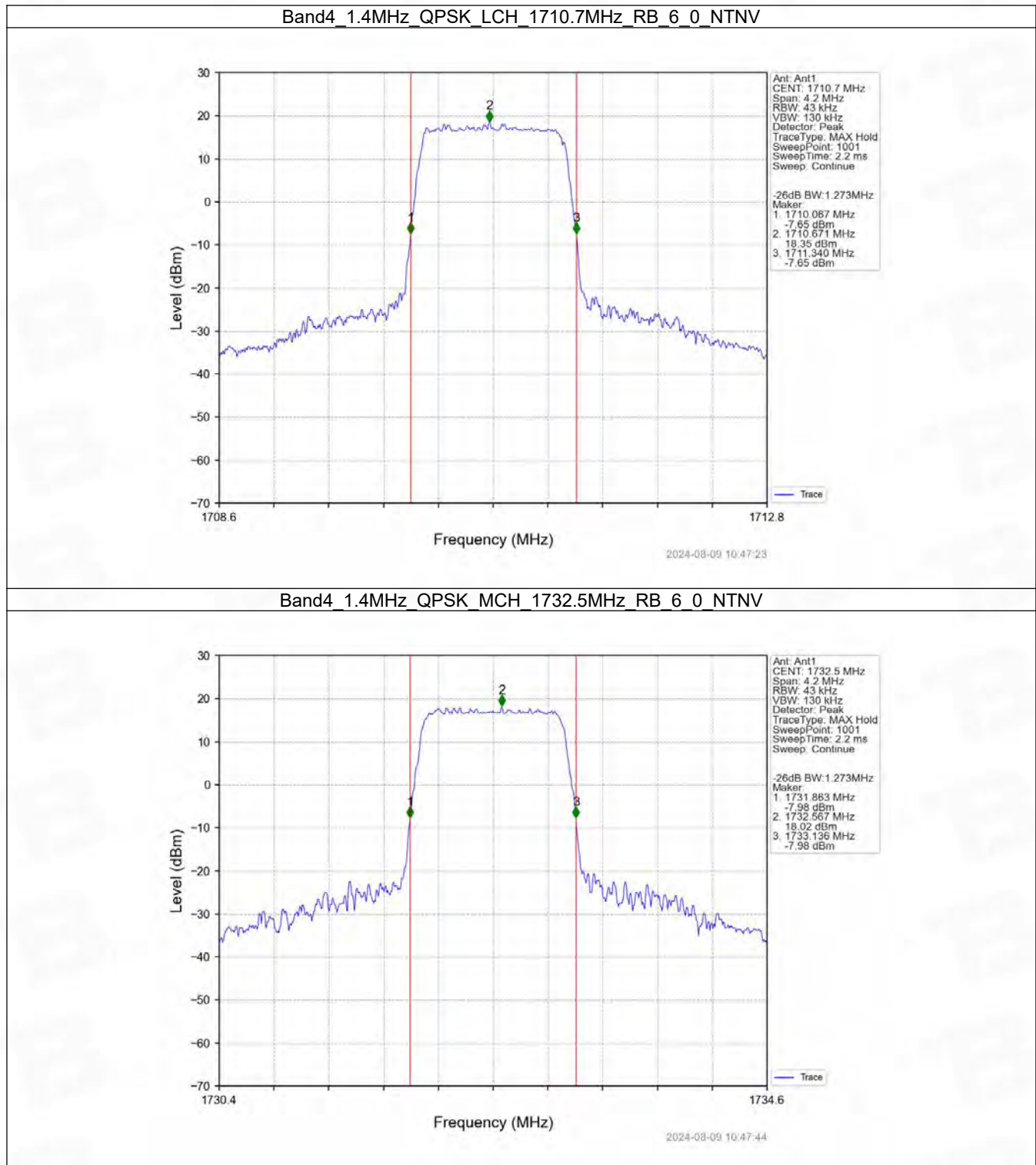
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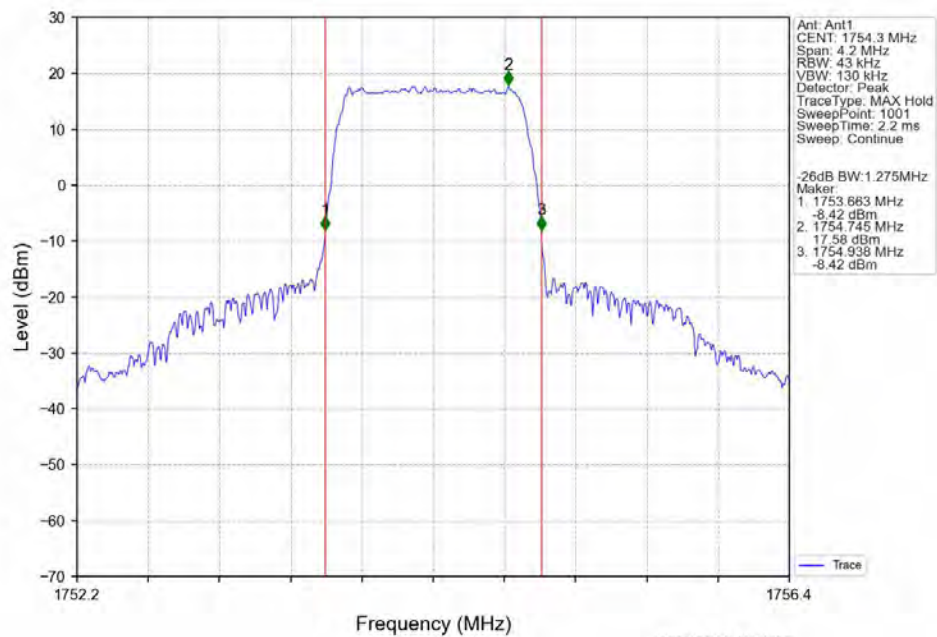
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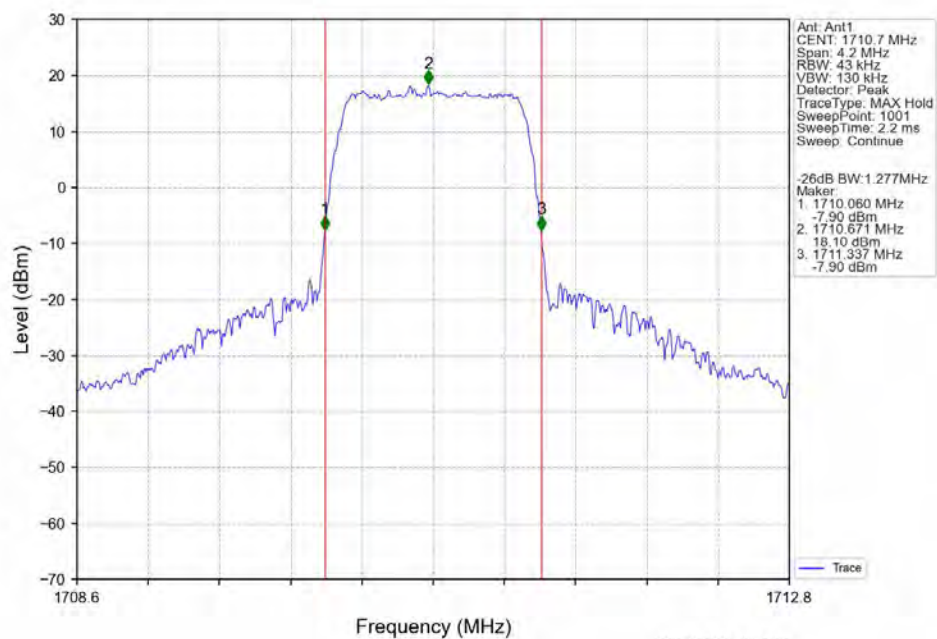
4.2.2 Band4_XDB



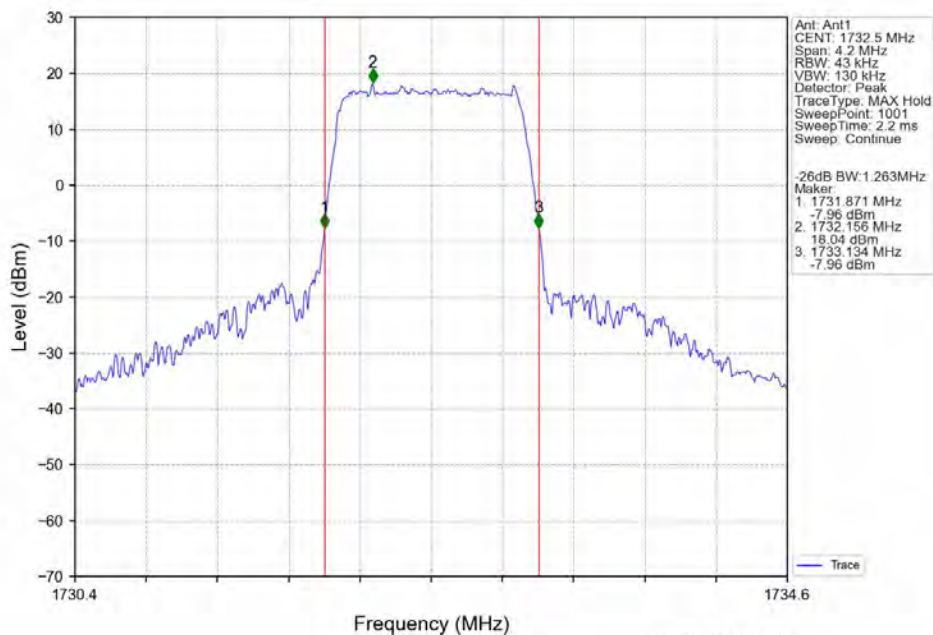
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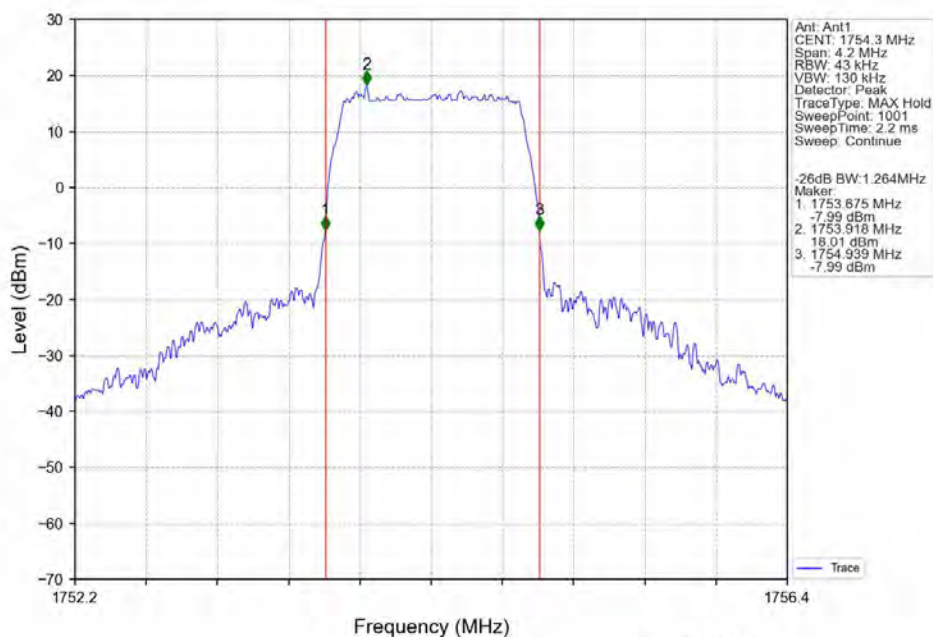
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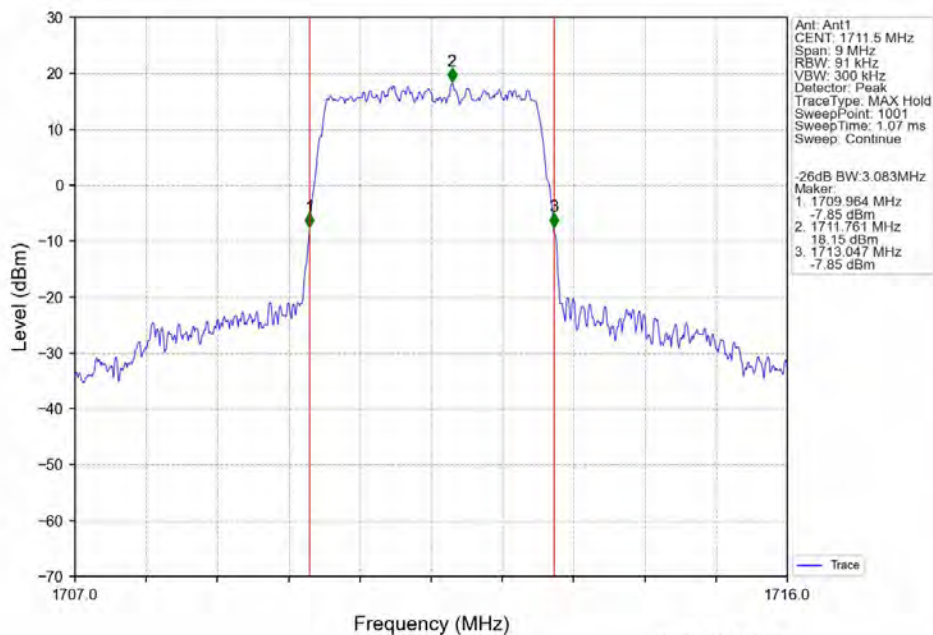
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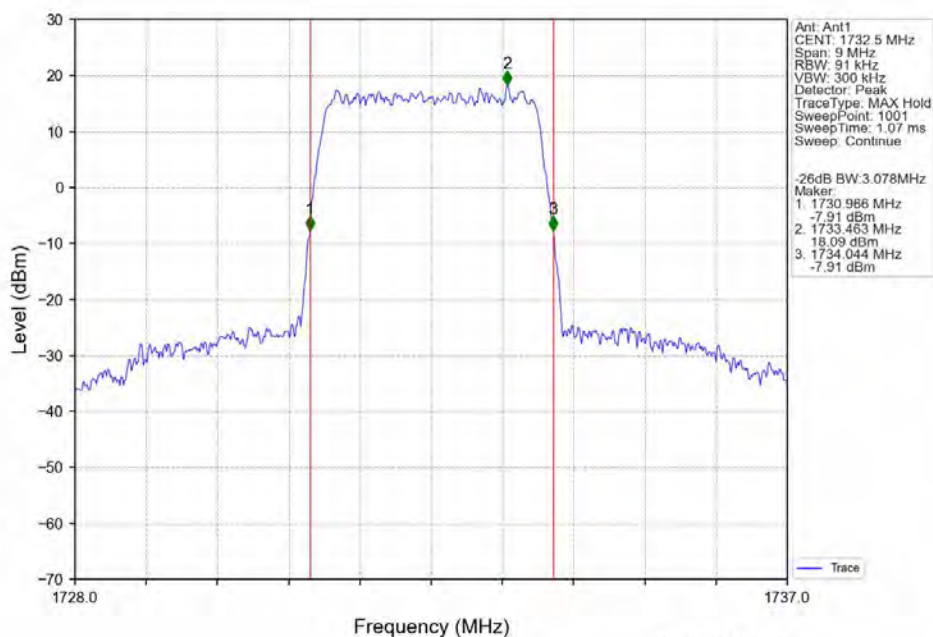
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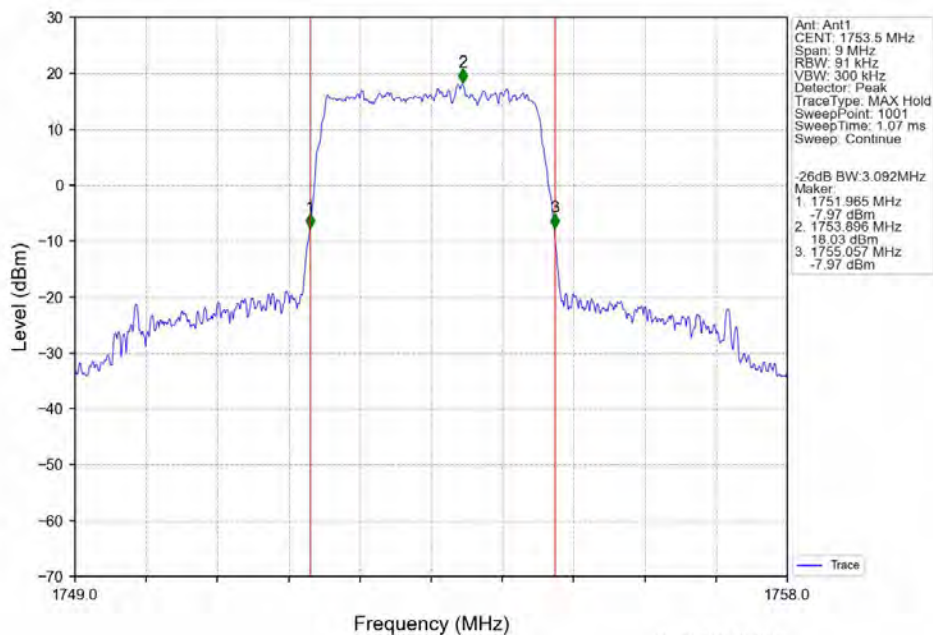
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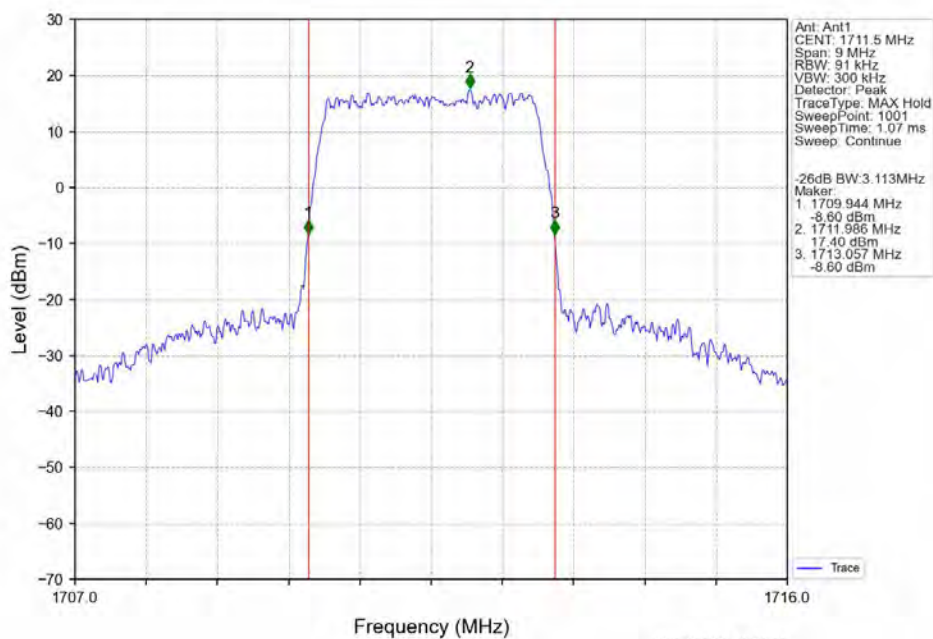
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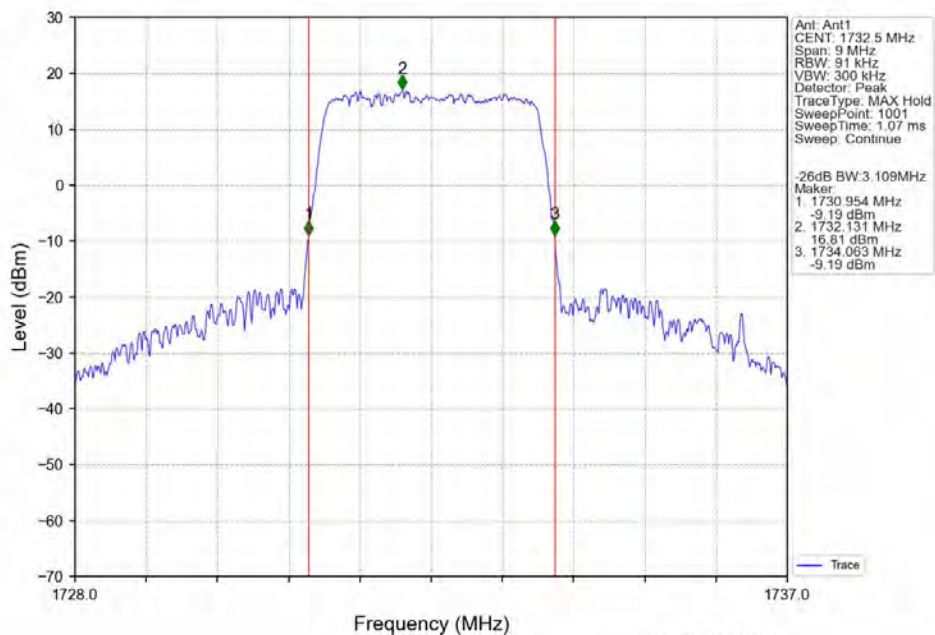
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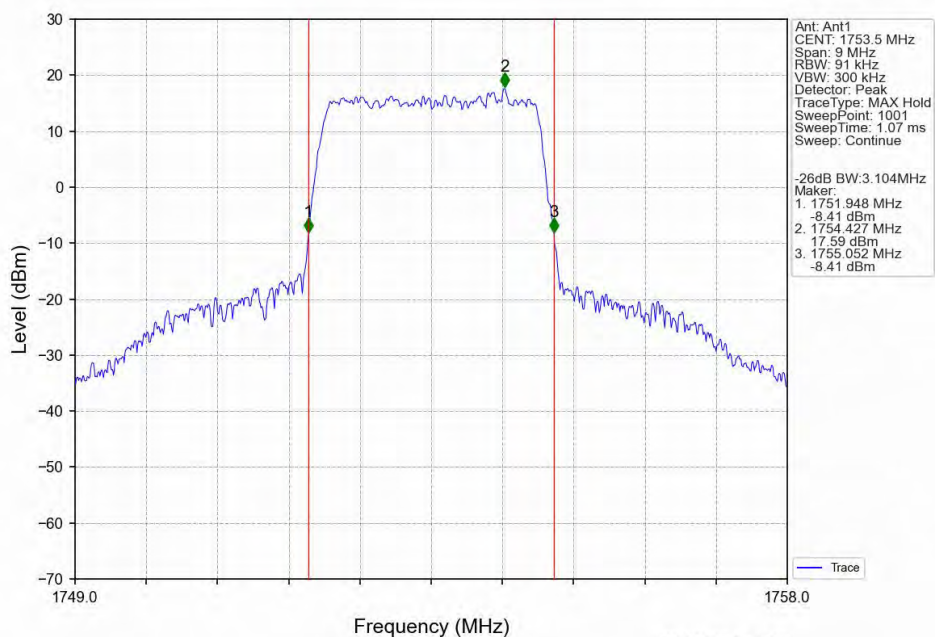
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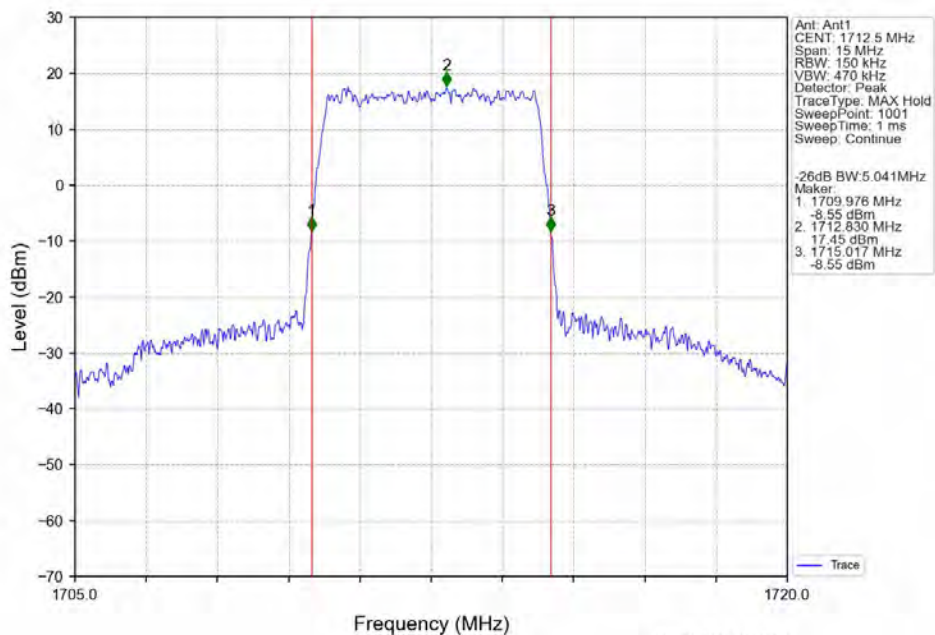
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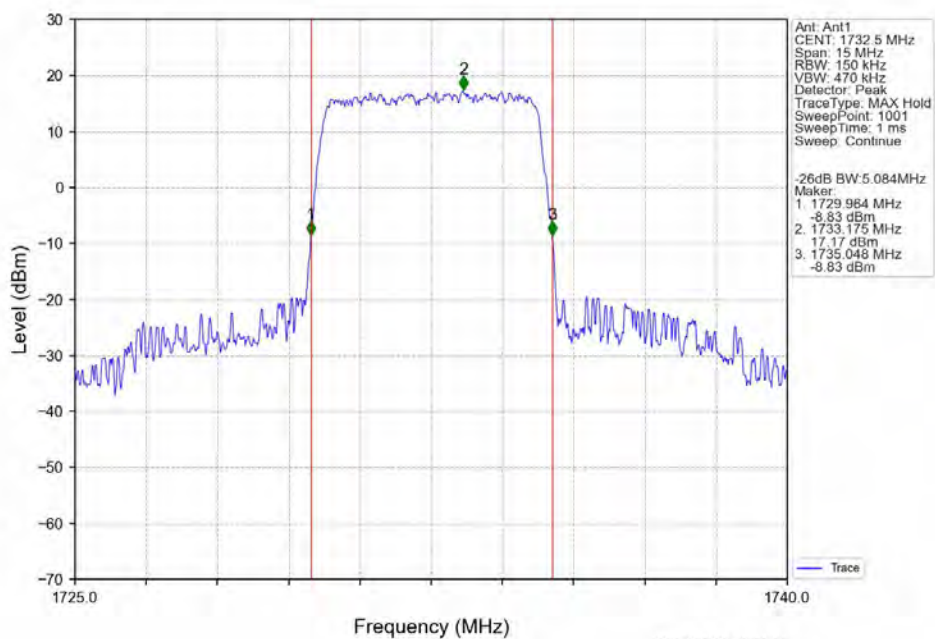
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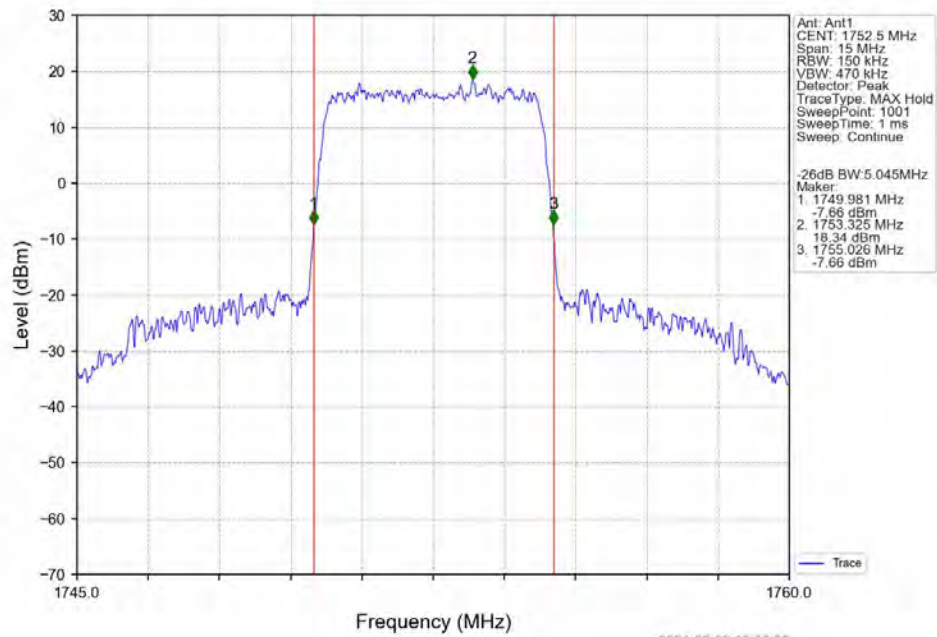
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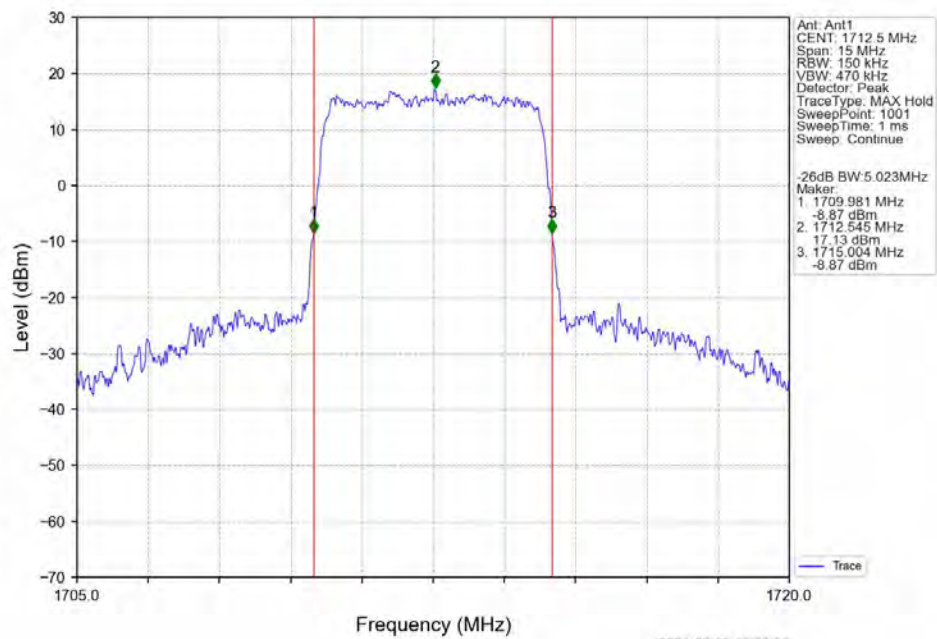
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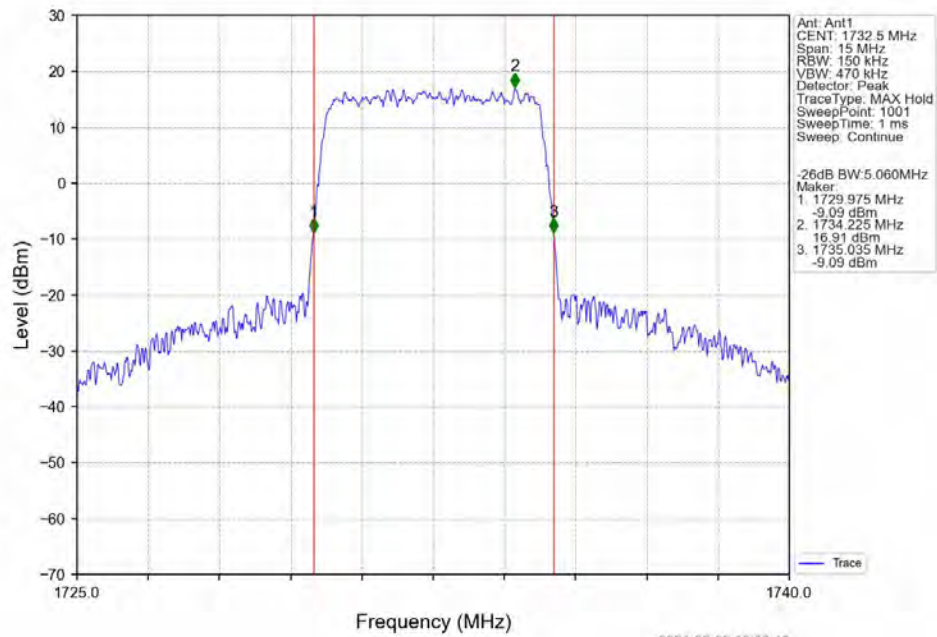
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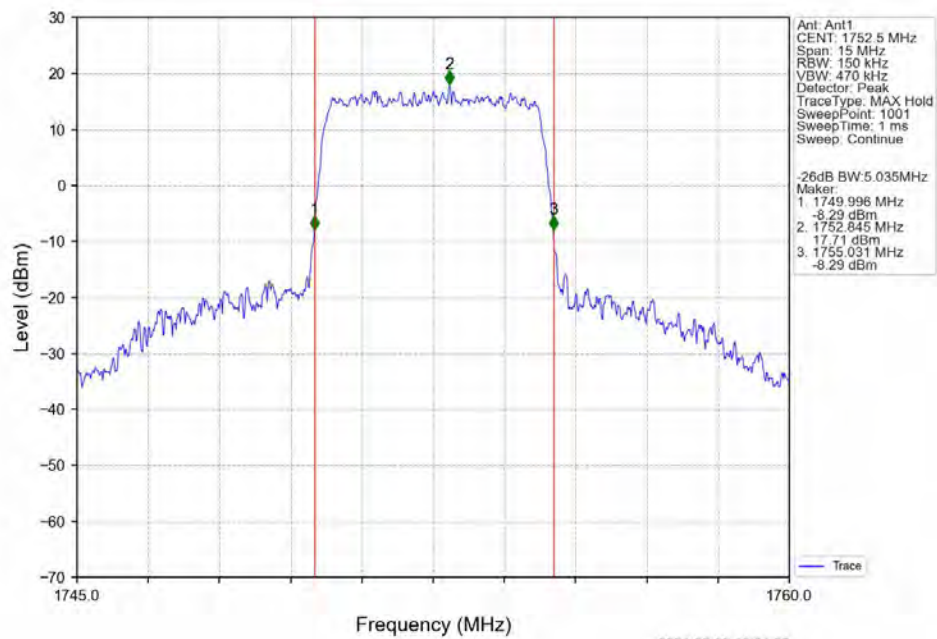
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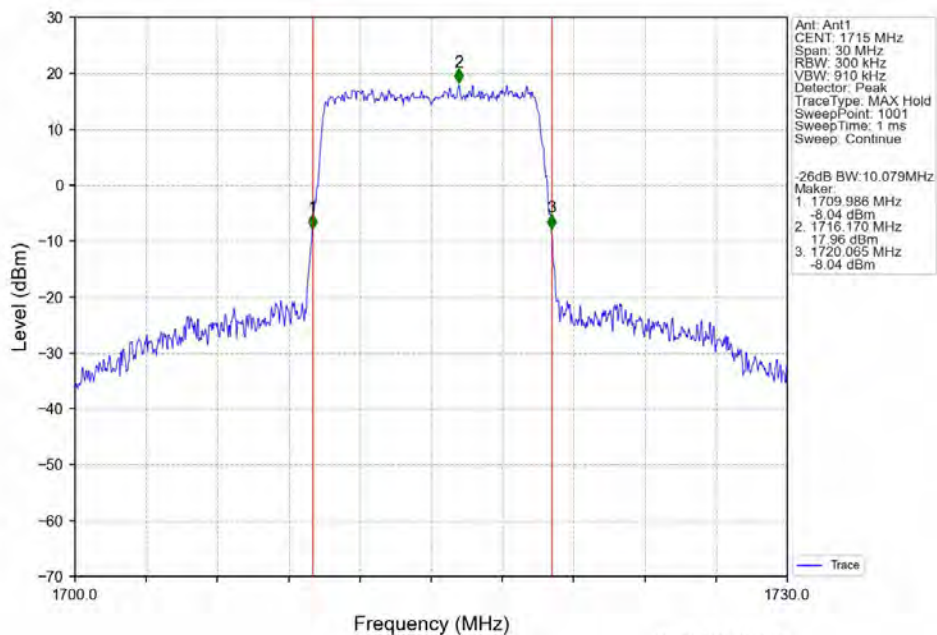
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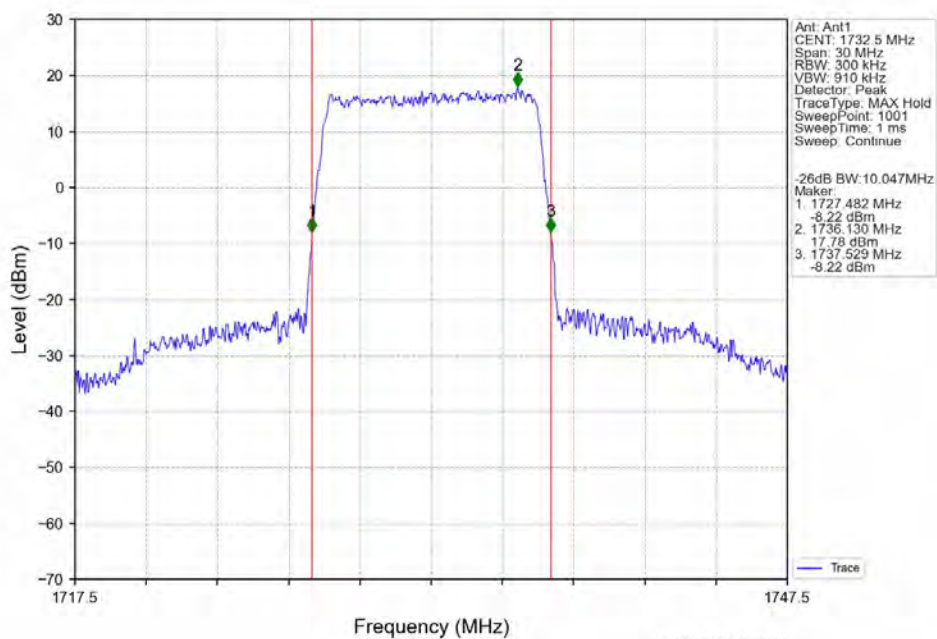
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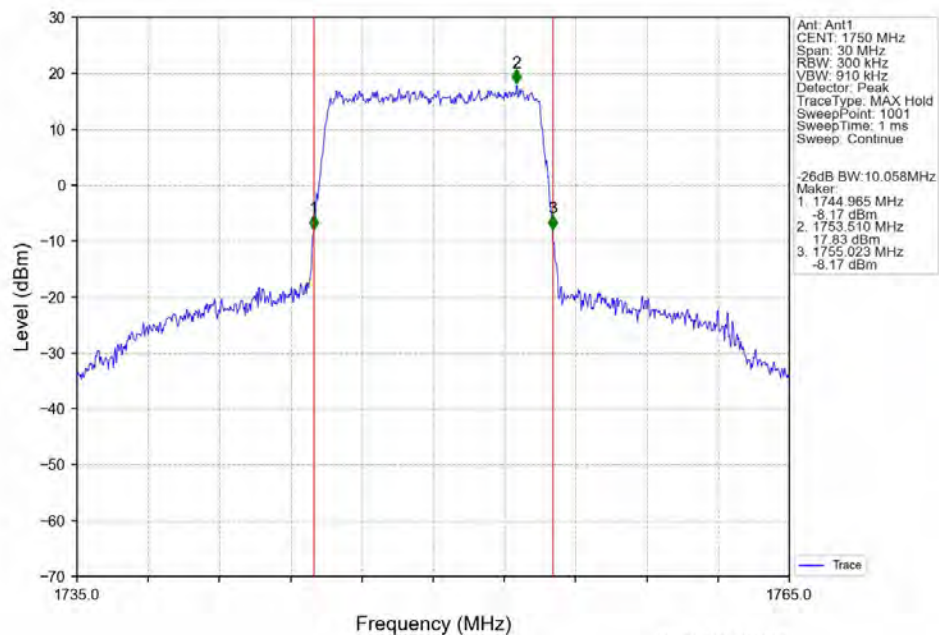
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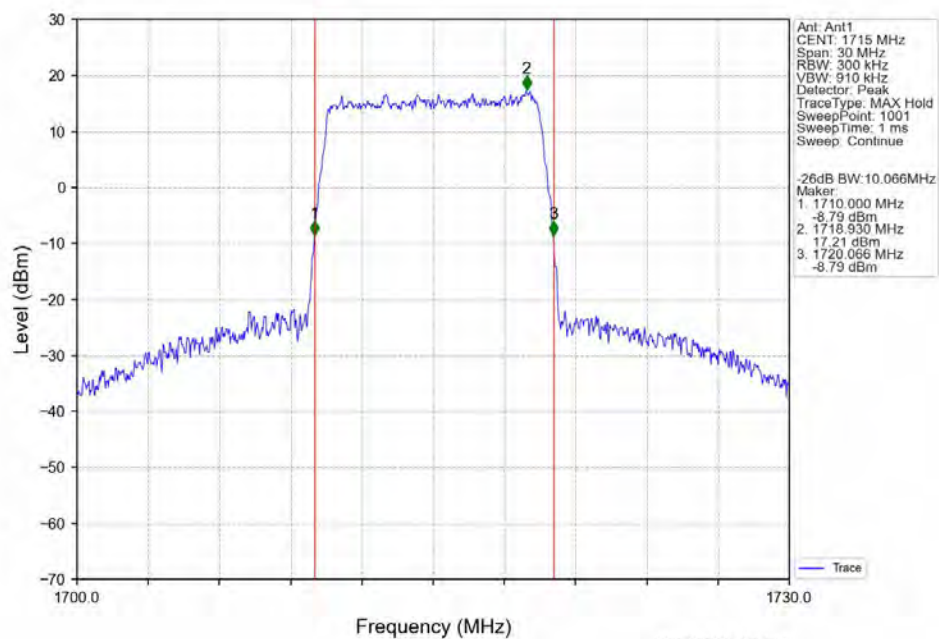
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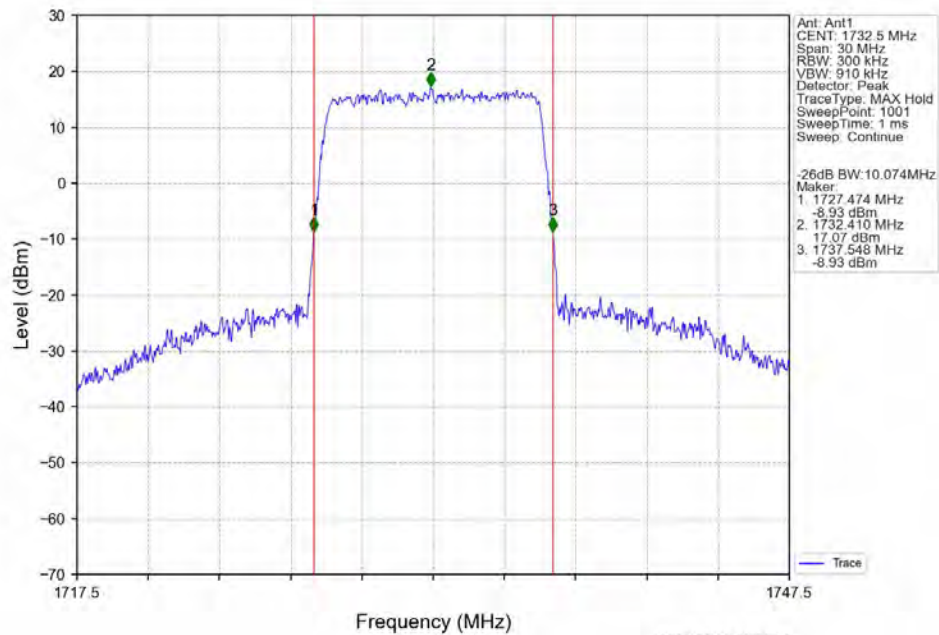
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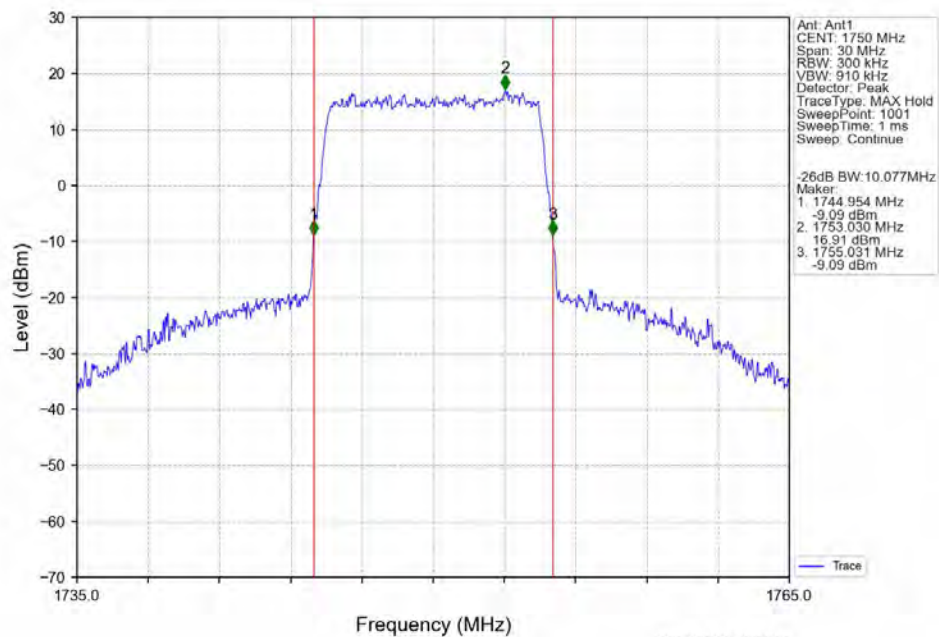
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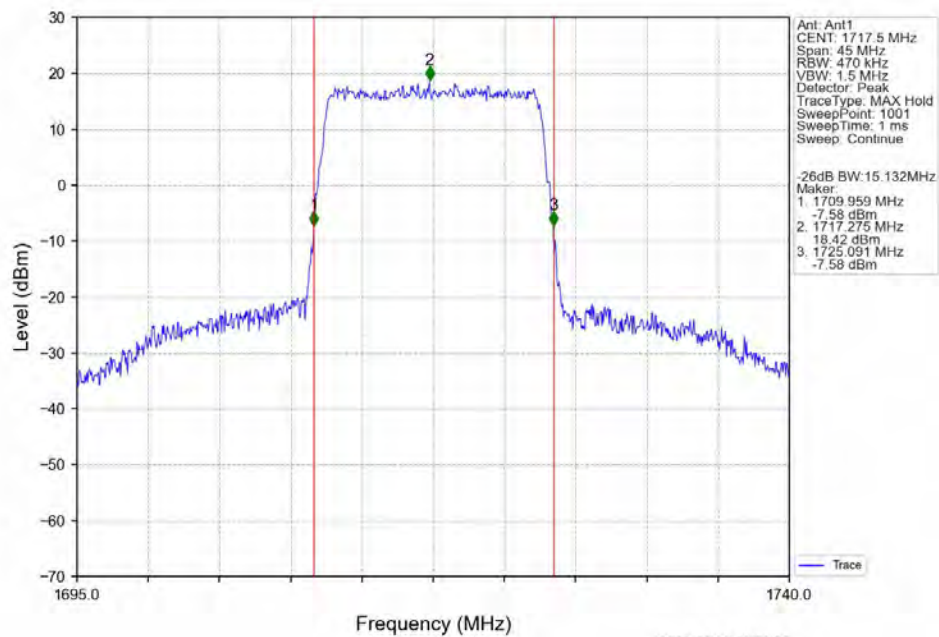
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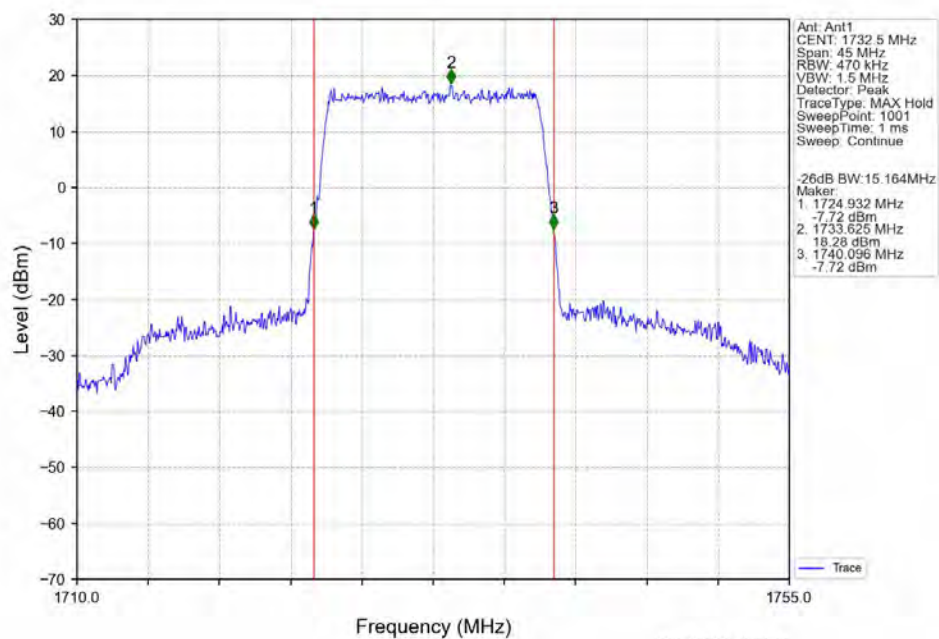
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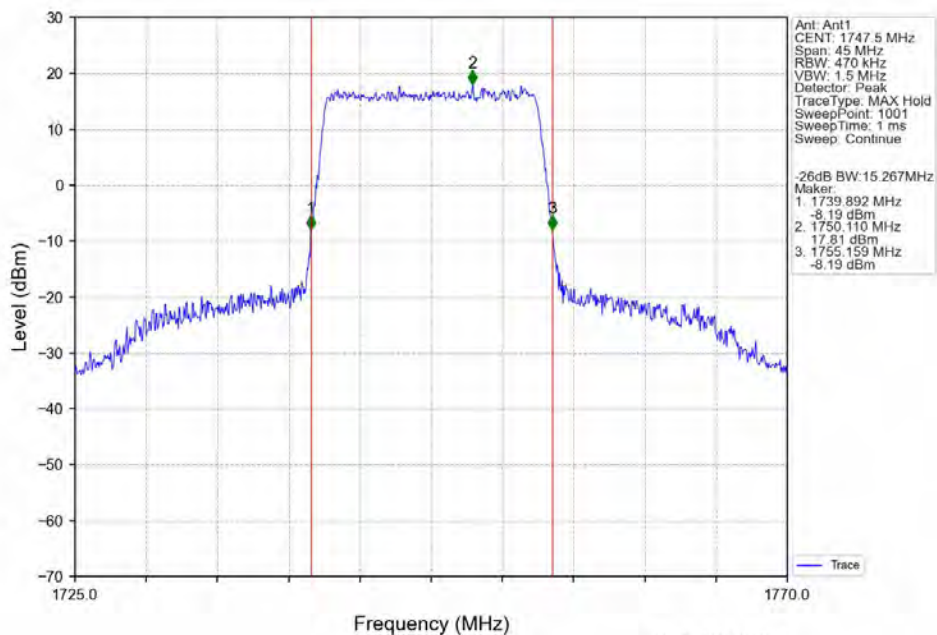
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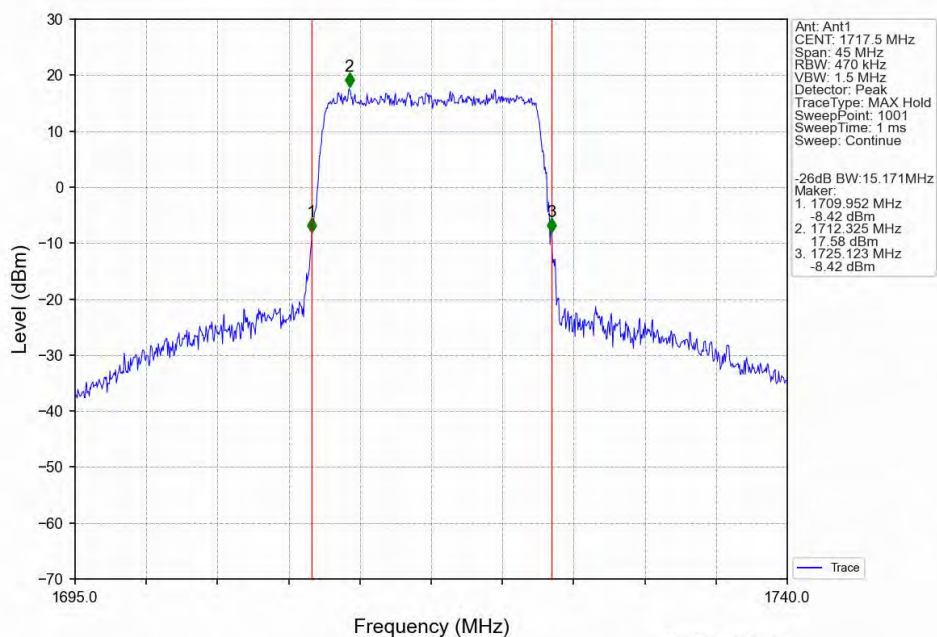
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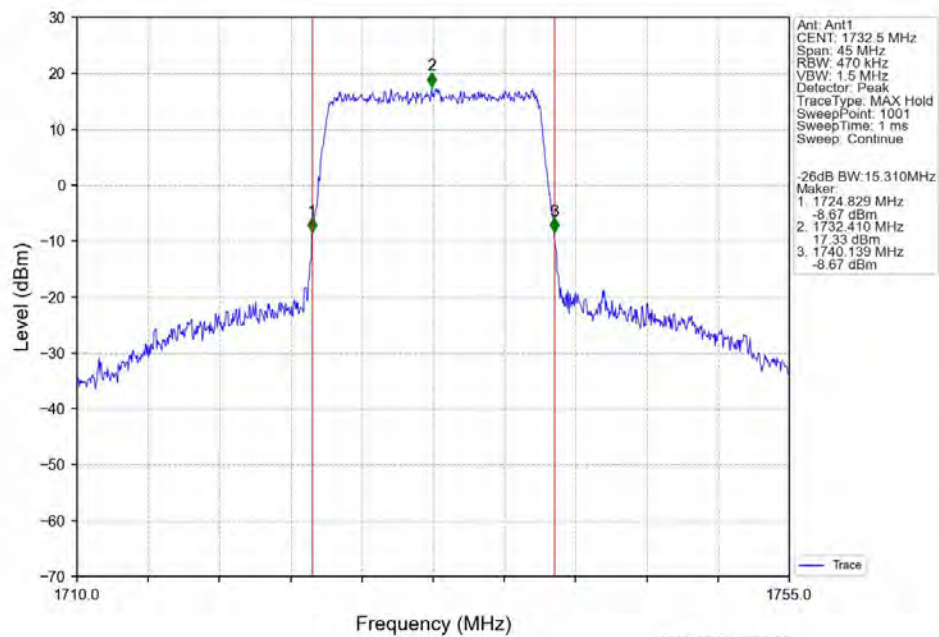
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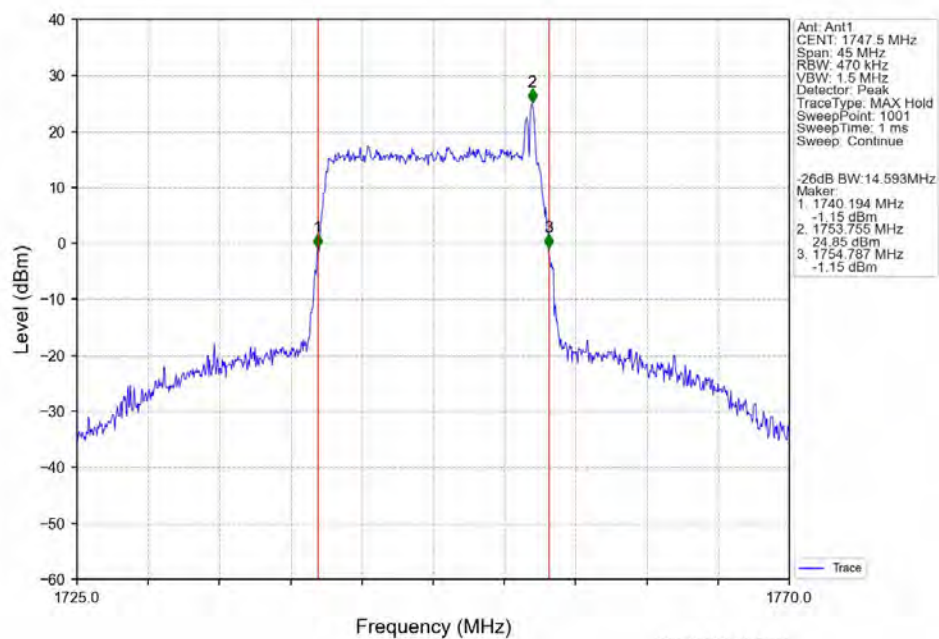
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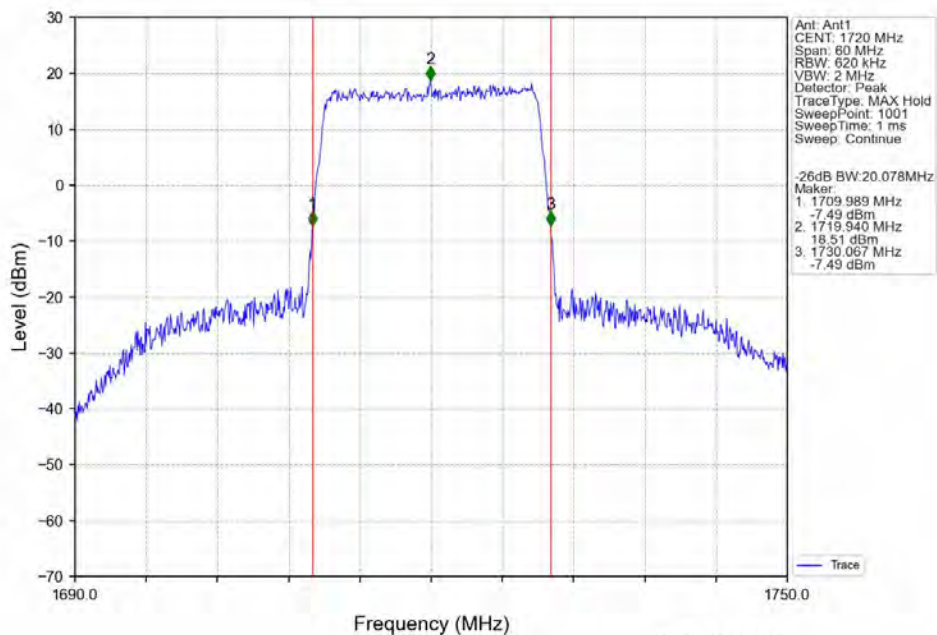
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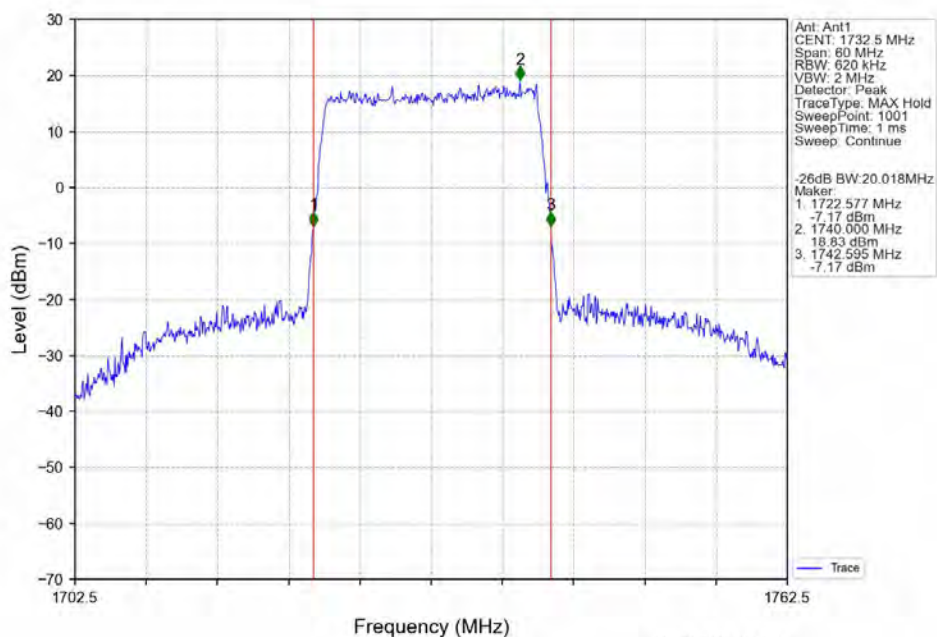
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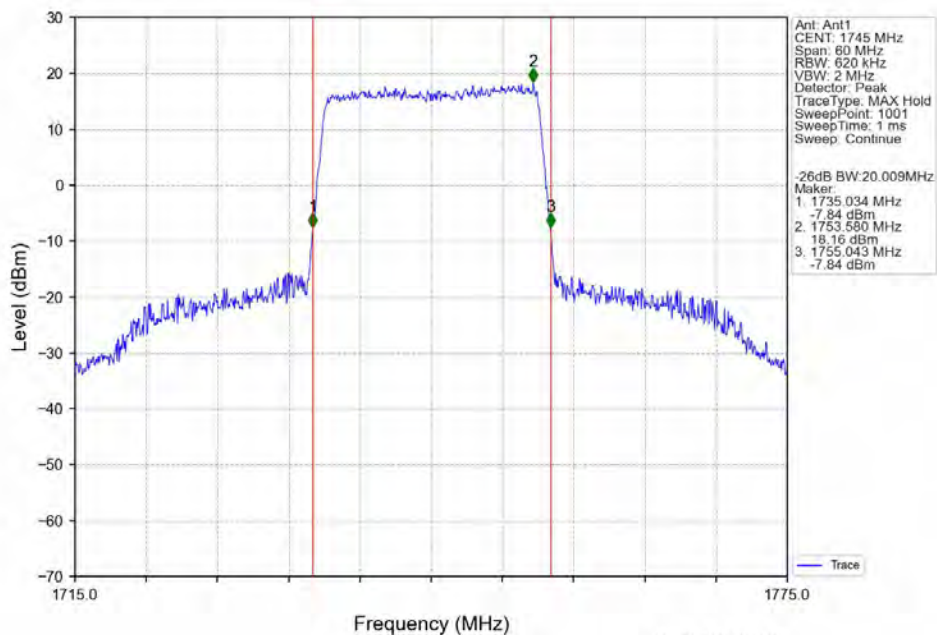
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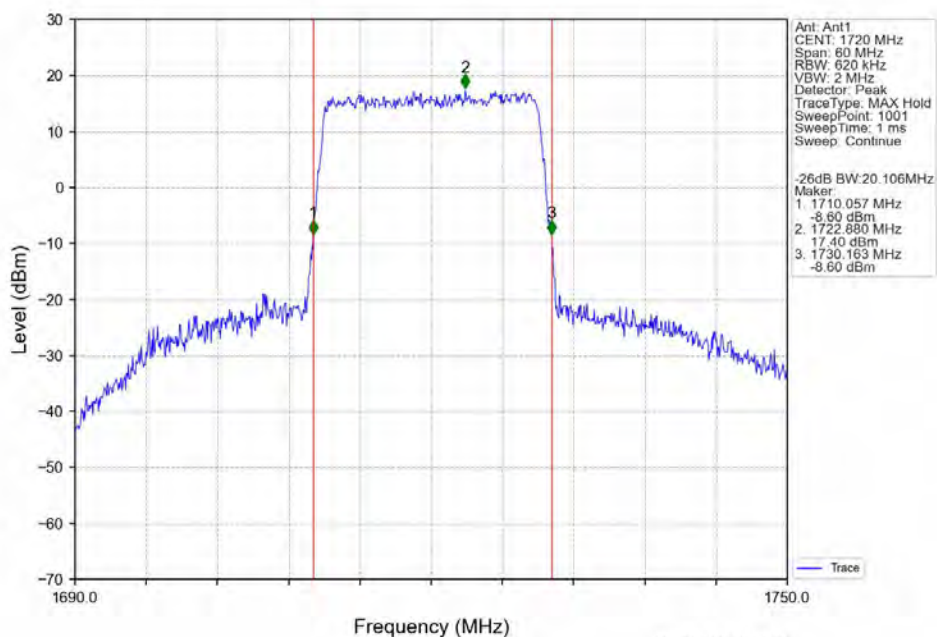
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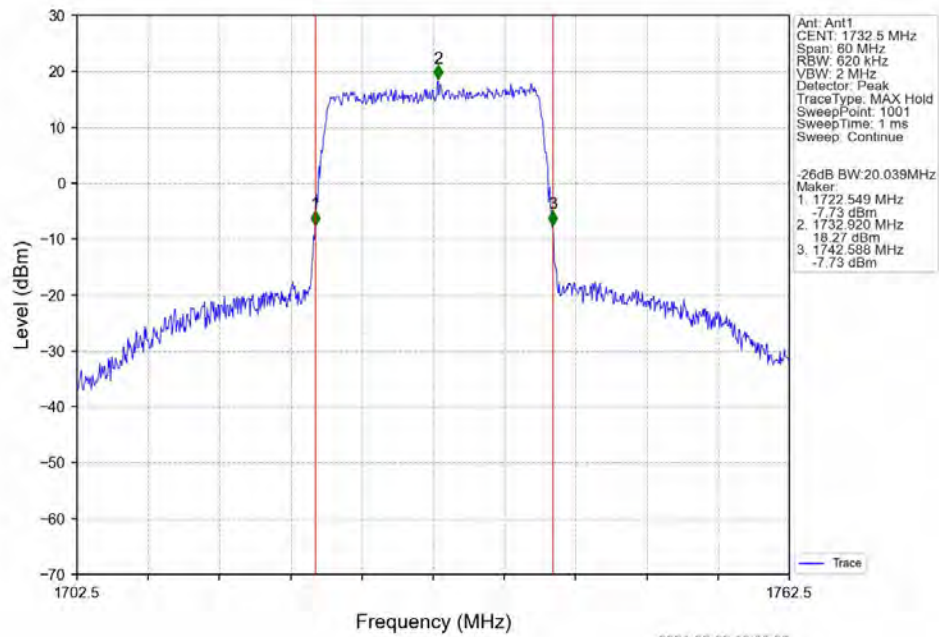
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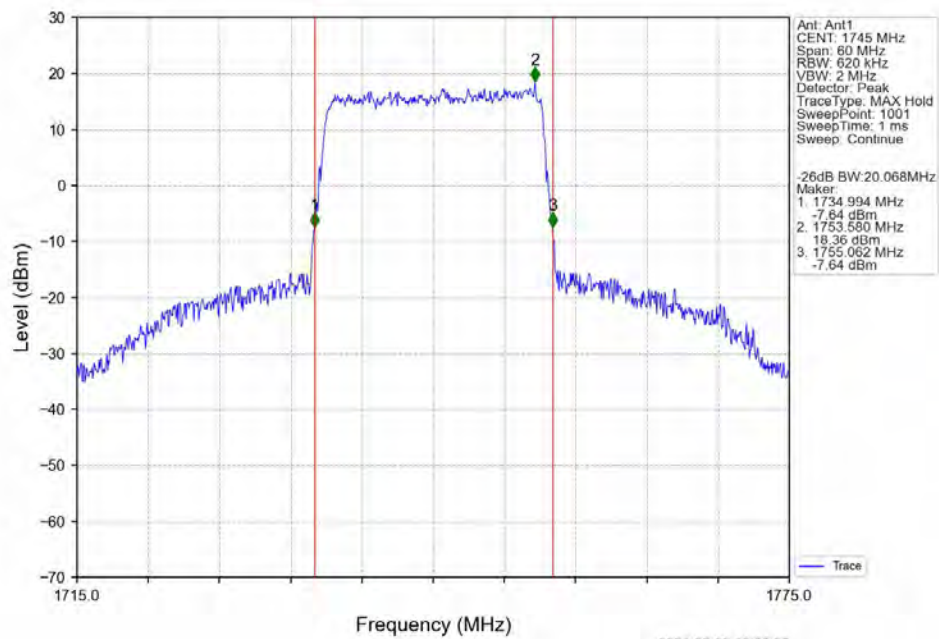
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Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	6	0	5.35	<=13	Pass
	1732.5	6	0	5.32	<=13	Pass
	1754.3	6	0	5.09	<=13	Pass
16QAM	1710.7	6	0	5.95	<=13	Pass
	1732.5	6	0	6.01	<=13	Pass
	1754.3	6	0	5.86	<=13	Pass

5.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	15	0	5.40	<=13	Pass
	1732.5	15	0	5.37	<=13	Pass
	1753.5	15	0	5.22	<=13	Pass
16QAM	1711.5	15	0	6.07	<=13	Pass
	1732.5	15	0	6.09	<=13	Pass
	1753.5	15	0	5.88	<=13	Pass

5.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	25	0	5.46	<=13	Pass
	1732.5	25	0	5.52	<=13	Pass
	1752.5	25	0	5.33	<=13	Pass
16QAM	1712.5	25	0	6.22	<=13	Pass
	1732.5	25	0	6.16	<=13	Pass
	1752.5	25	0	5.92	<=13	Pass

5.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	50	0	5.52	<=13	Pass
	1732.5	50	0	5.53	<=13	Pass
	1750	50	0	5.35	<=13	Pass
16QAM	1715	50	0	6.25	<=13	Pass
	1732.5	50	0	6.23	<=13	Pass

	1750	50	0	6.02	<=13	Pass
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5.1.5 B4_15MHz

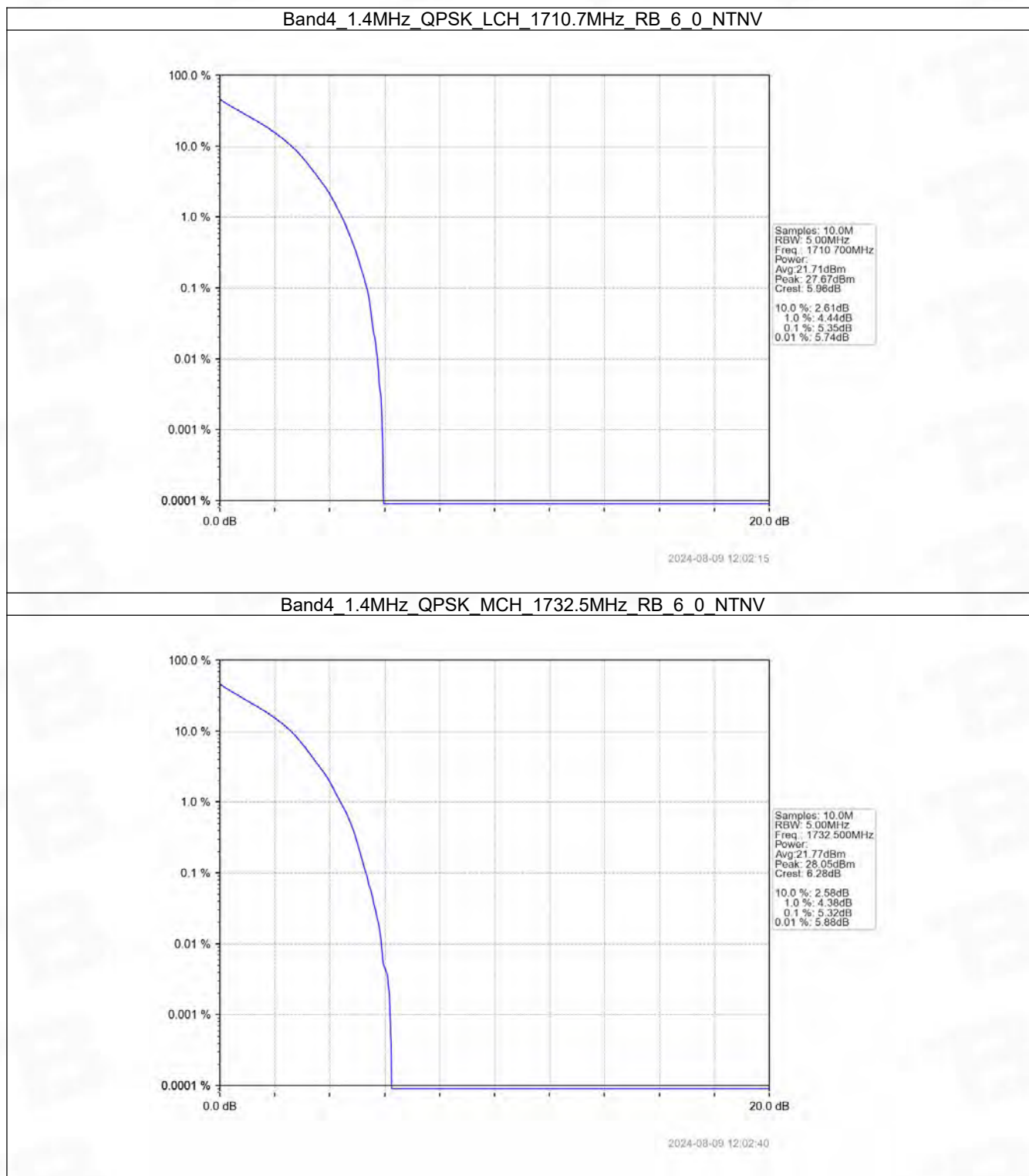
Band: 4 / Bandwidth: 15MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	75	0	5.74	<=13	Pass
	1732.5	75	0	5.71	<=13	Pass
	1747.5	75	0	5.45	<=13	Pass
16QAM	1717.5	75	0	6.22	<=13	Pass
	1732.5	75	0	6.16	<=13	Pass
	1747.5	75	0	5.94	<=13	Pass

5.1.6 B4_20MHz

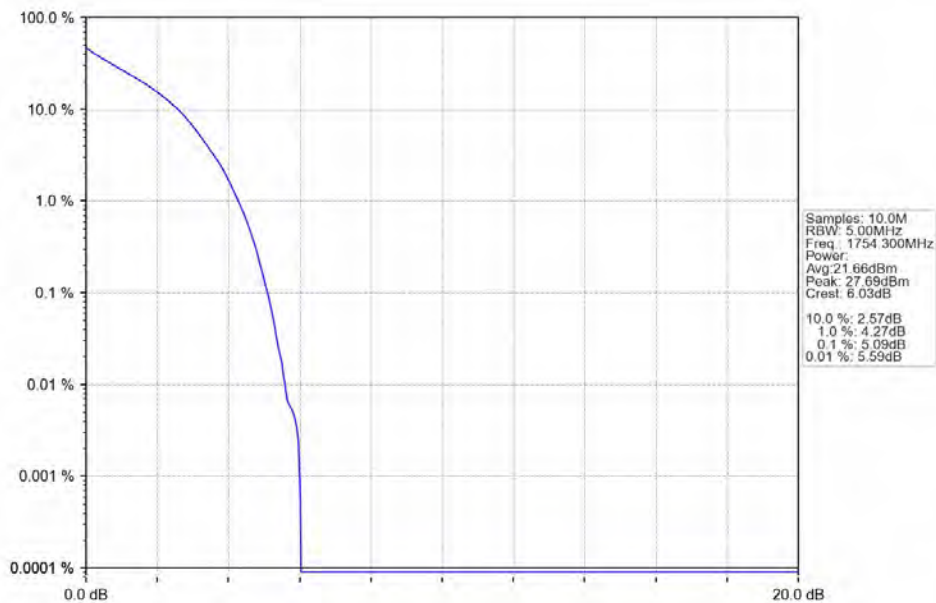
Band: 4 / Bandwidth: 20MHz / NTN						
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		Size	Offset	Result	Limit	
QPSK	1720	100	0	5.60	<=13	Pass
	1732.5	100	0	5.55	<=13	Pass
	1745	100	0	5.34	<=13	Pass
16QAM	1720	100	0	6.27	<=13	Pass
	1732.5	100	0	6.19	<=13	Pass
	1745	100	0	6.04	<=13	Pass

5.2 Test Graph

5.2.1 B4_1.4MHz

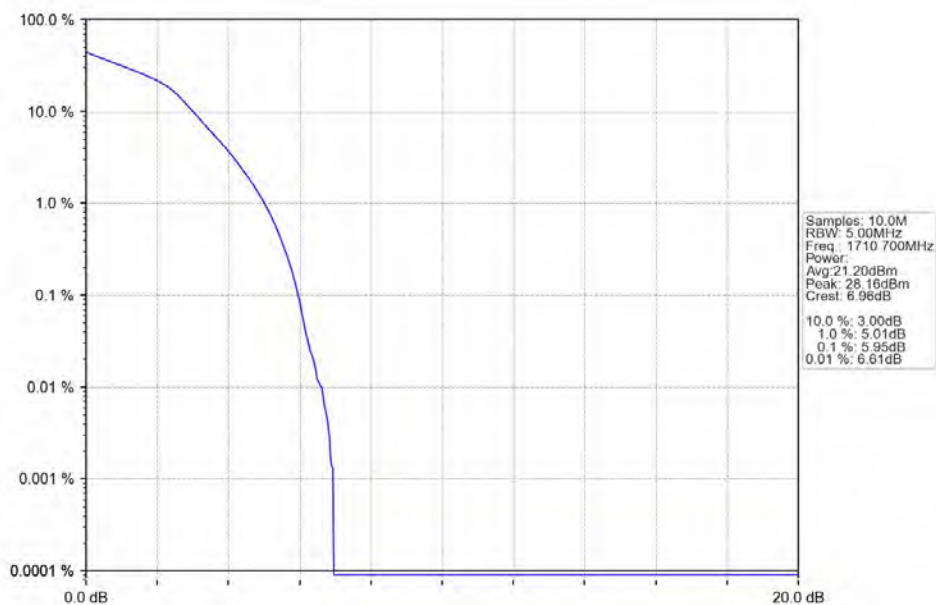


Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV



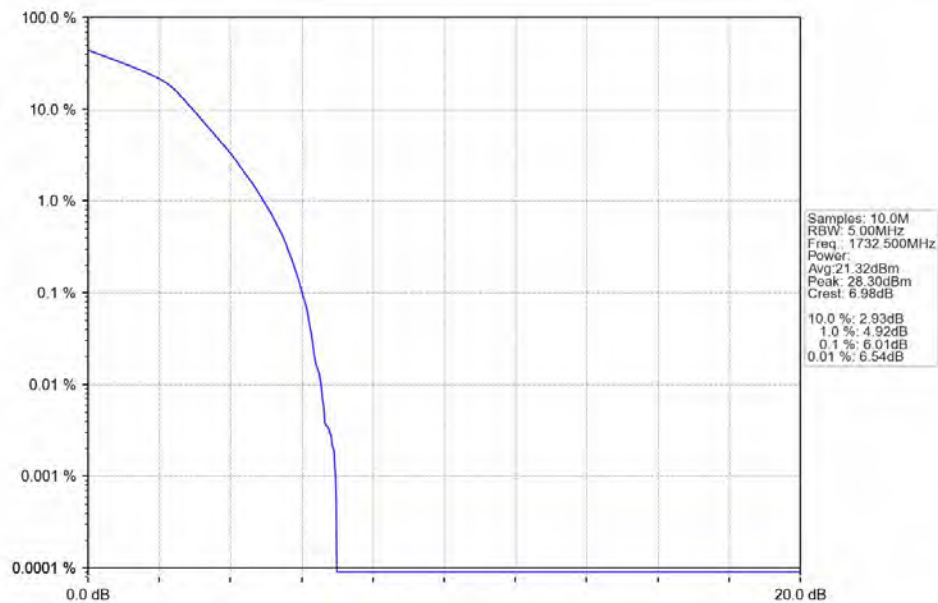
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Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_6_0_NTNV



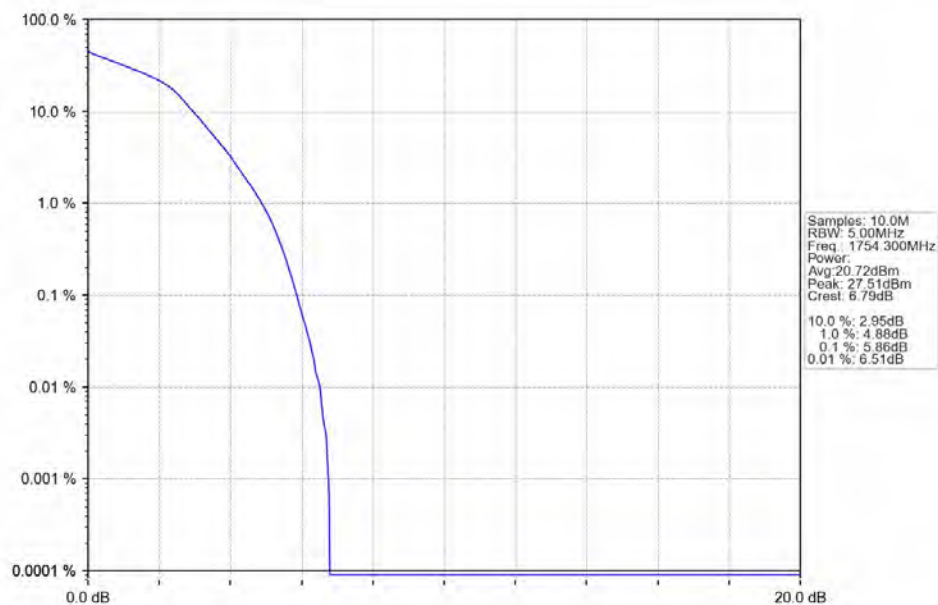
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Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_6_0_NTNV



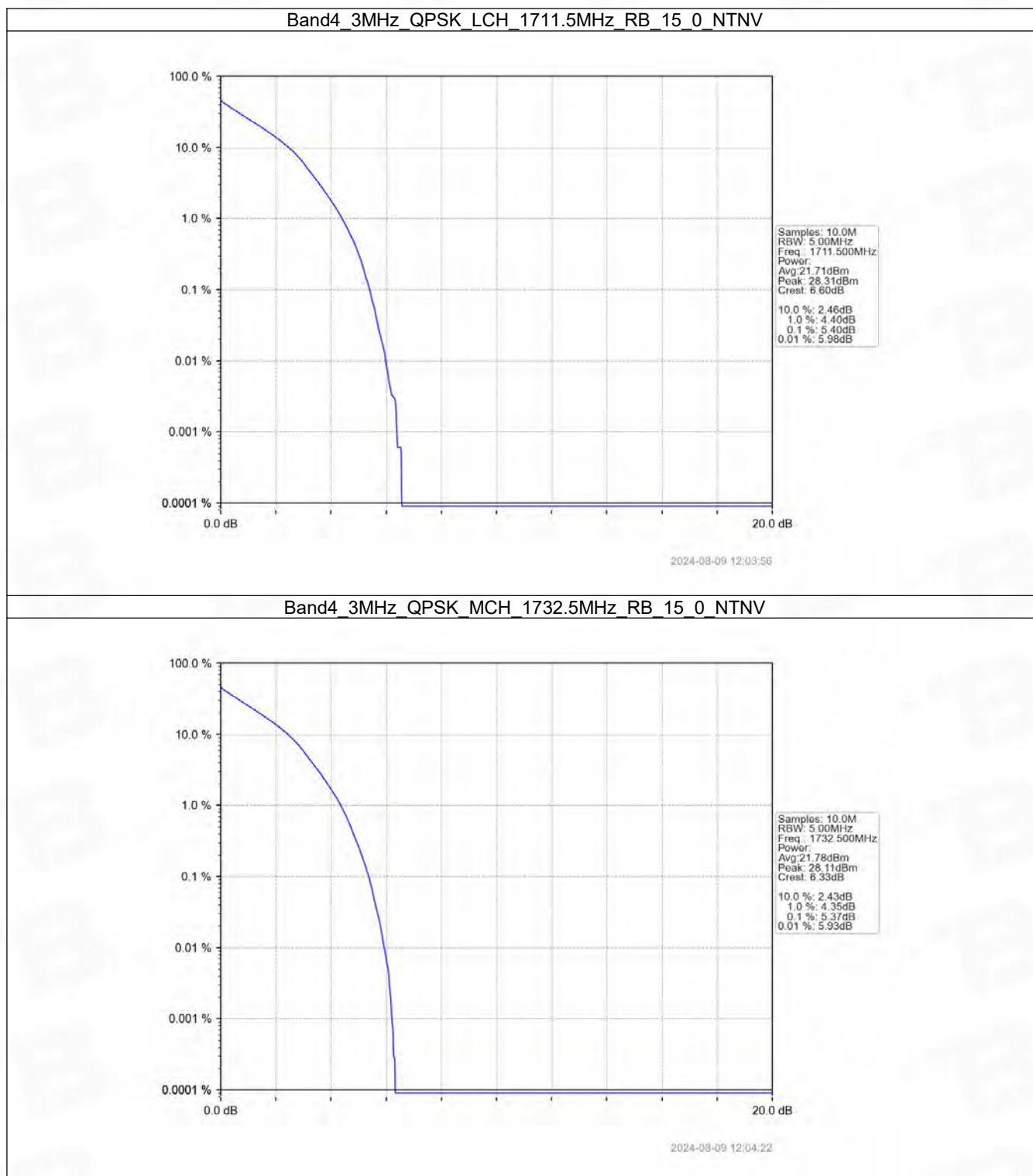
2024-08-09 12:02:52

Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV

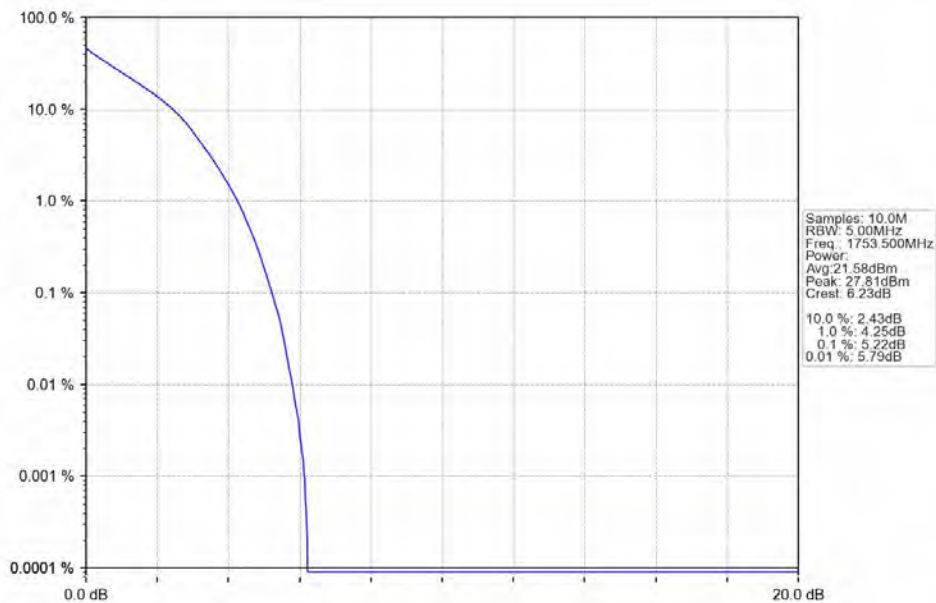


2024-08-09 12:03:18

5.2.2 B4_3MHz

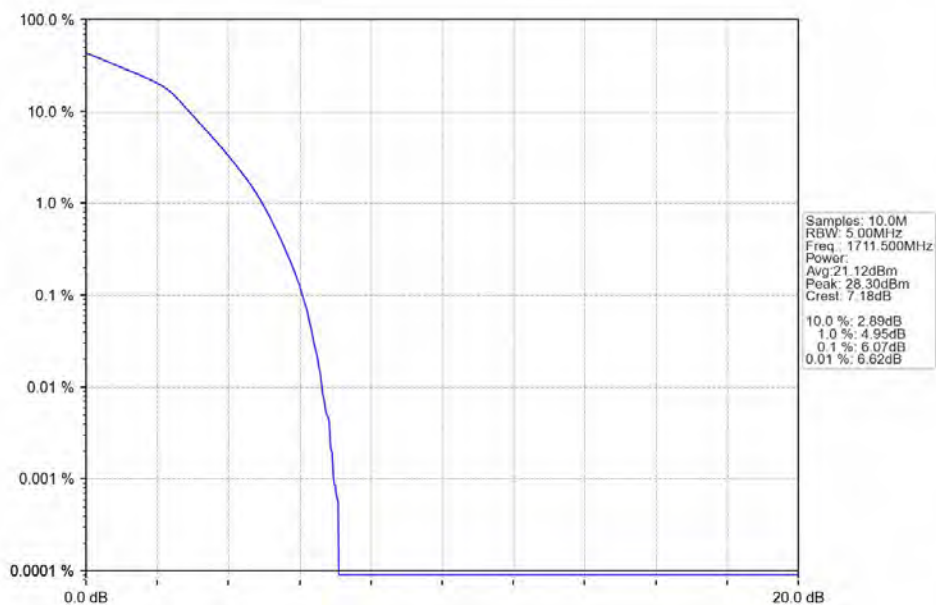


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV



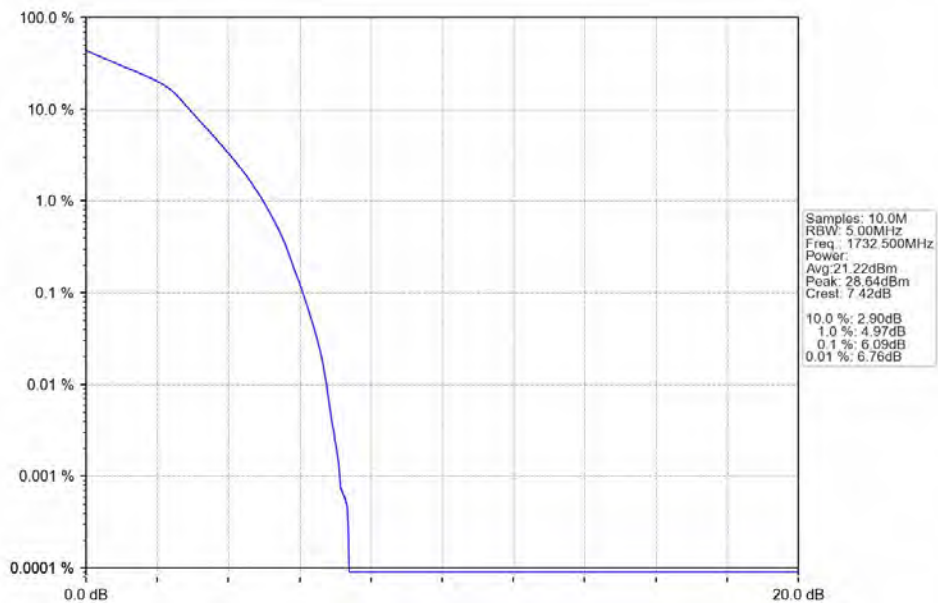
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Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV



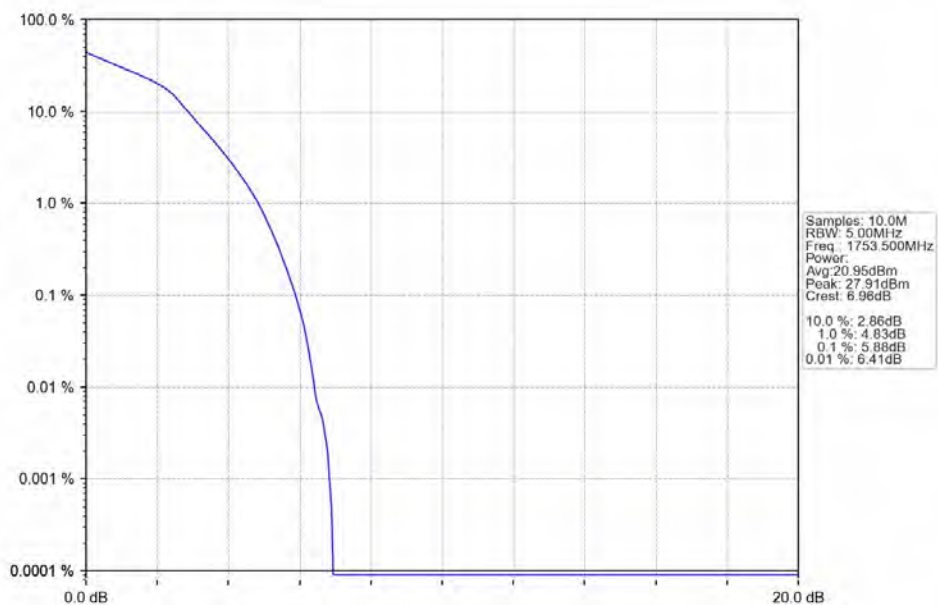
2024-08-09 12:04:08

Band4_3MHz_16QAM_MCH_1732.5MHz_RB_15_0_NTNV



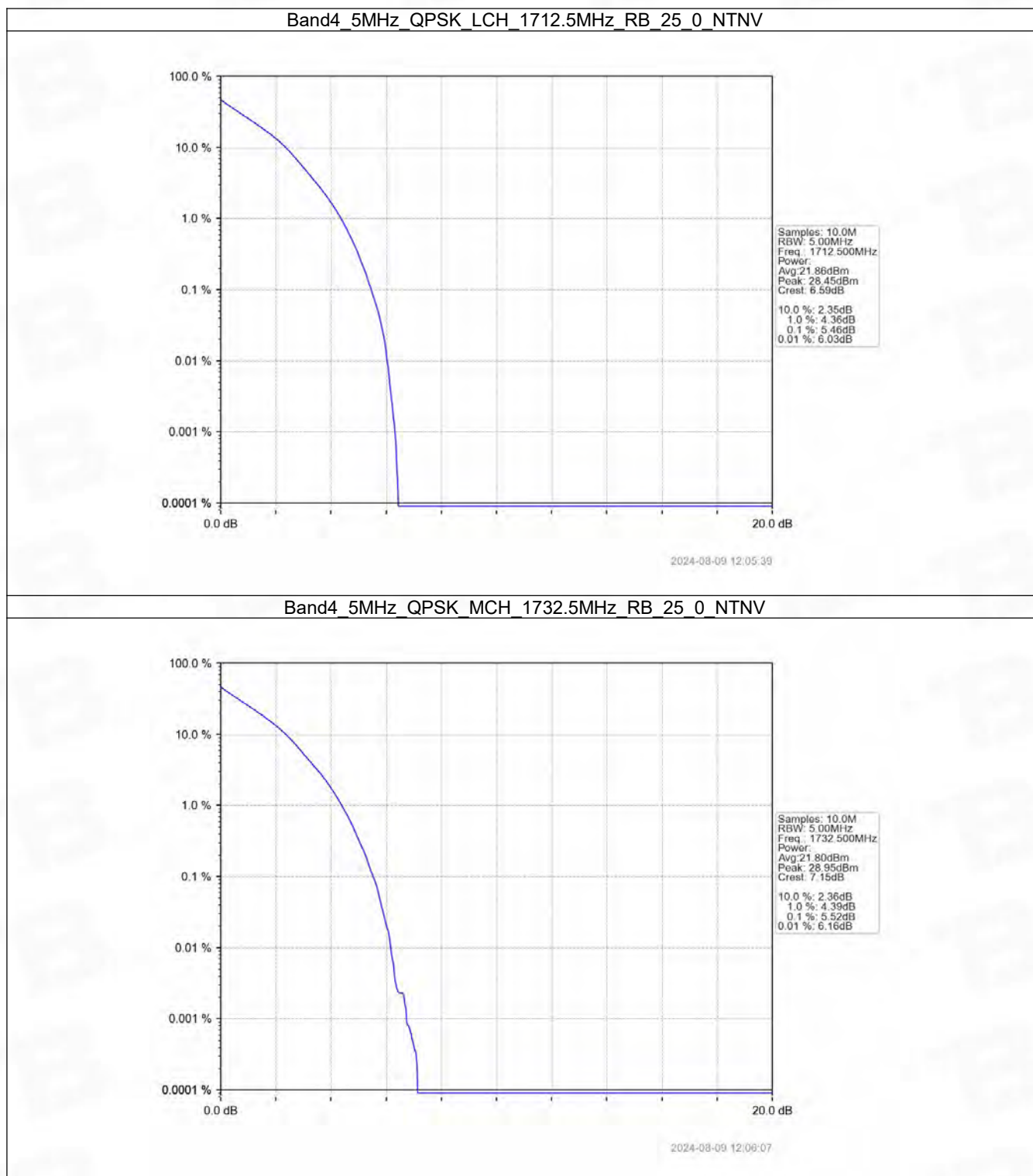
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Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

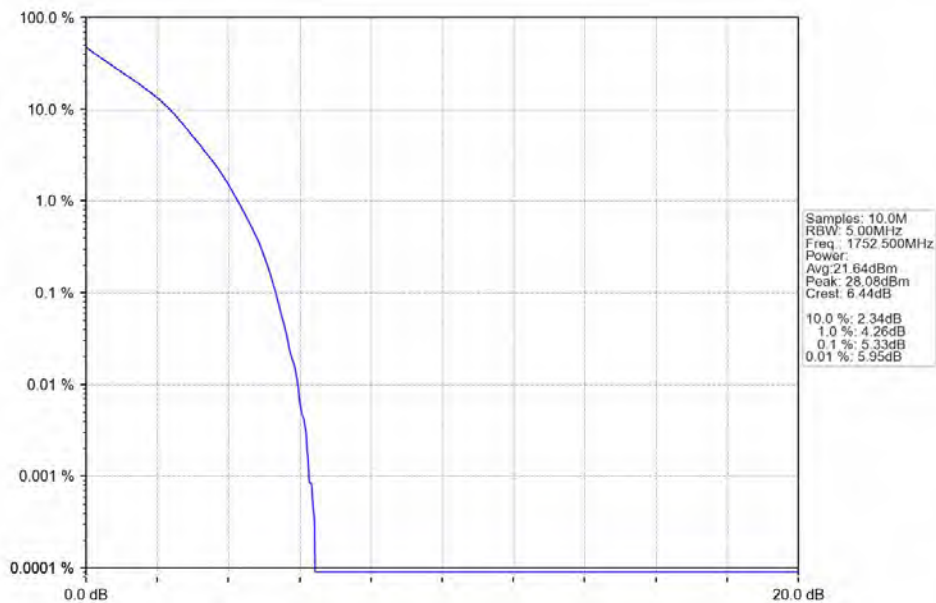


2024-08-09 12:05:00

5.2.3 B4_5MHz

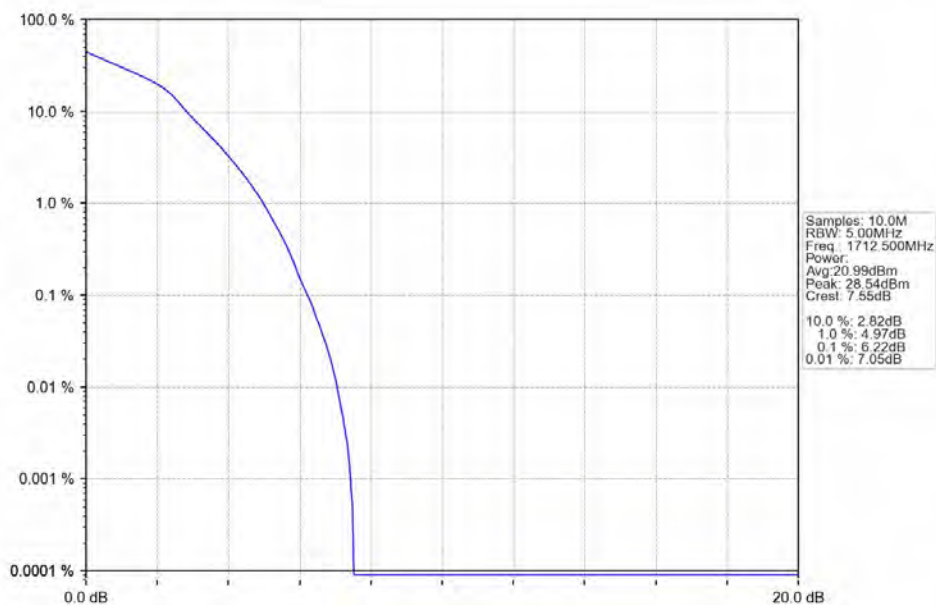


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



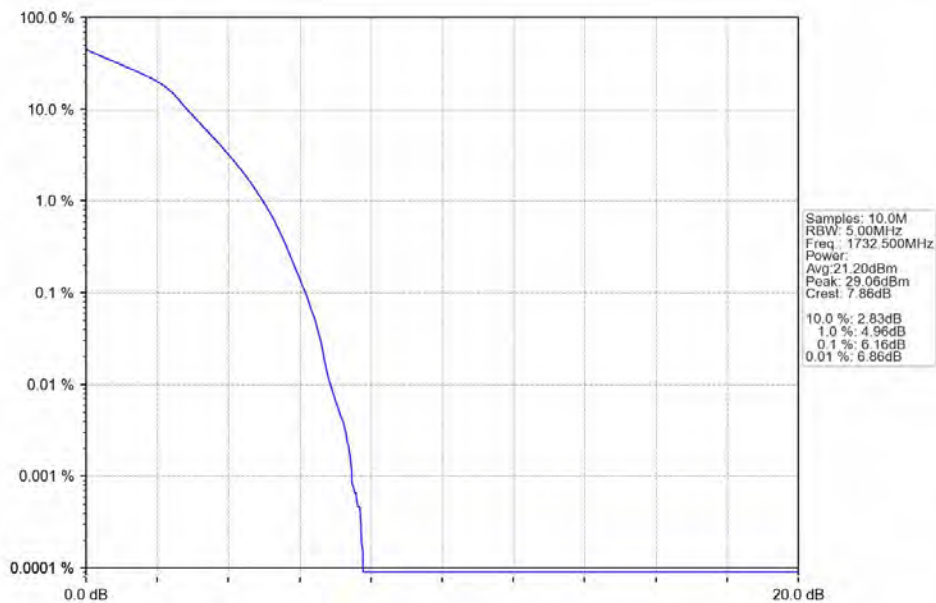
2024-08-09 12:06:34

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV



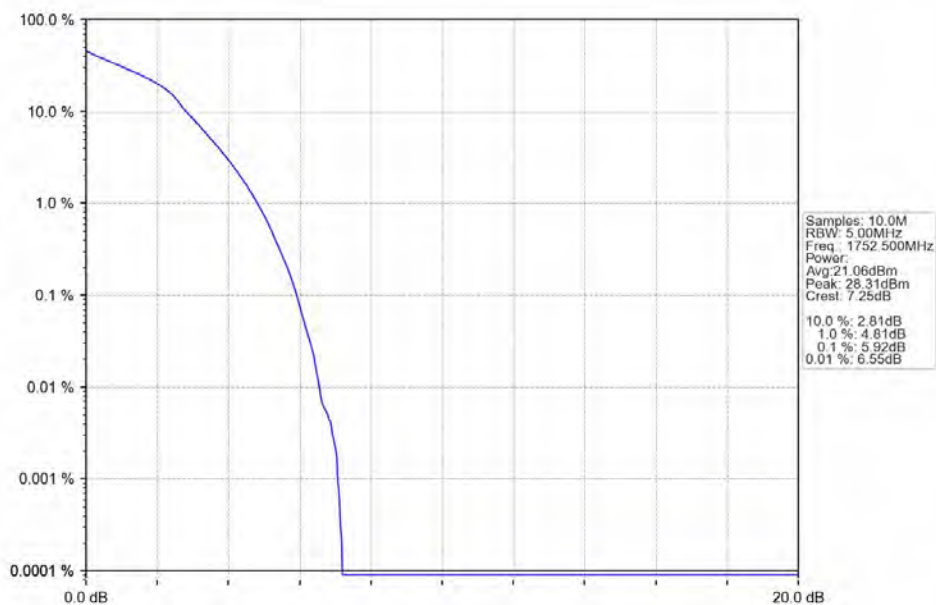
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Band4_5MHz_16QAM_MCH_1732.5MHz_RB_25_0_NTNV



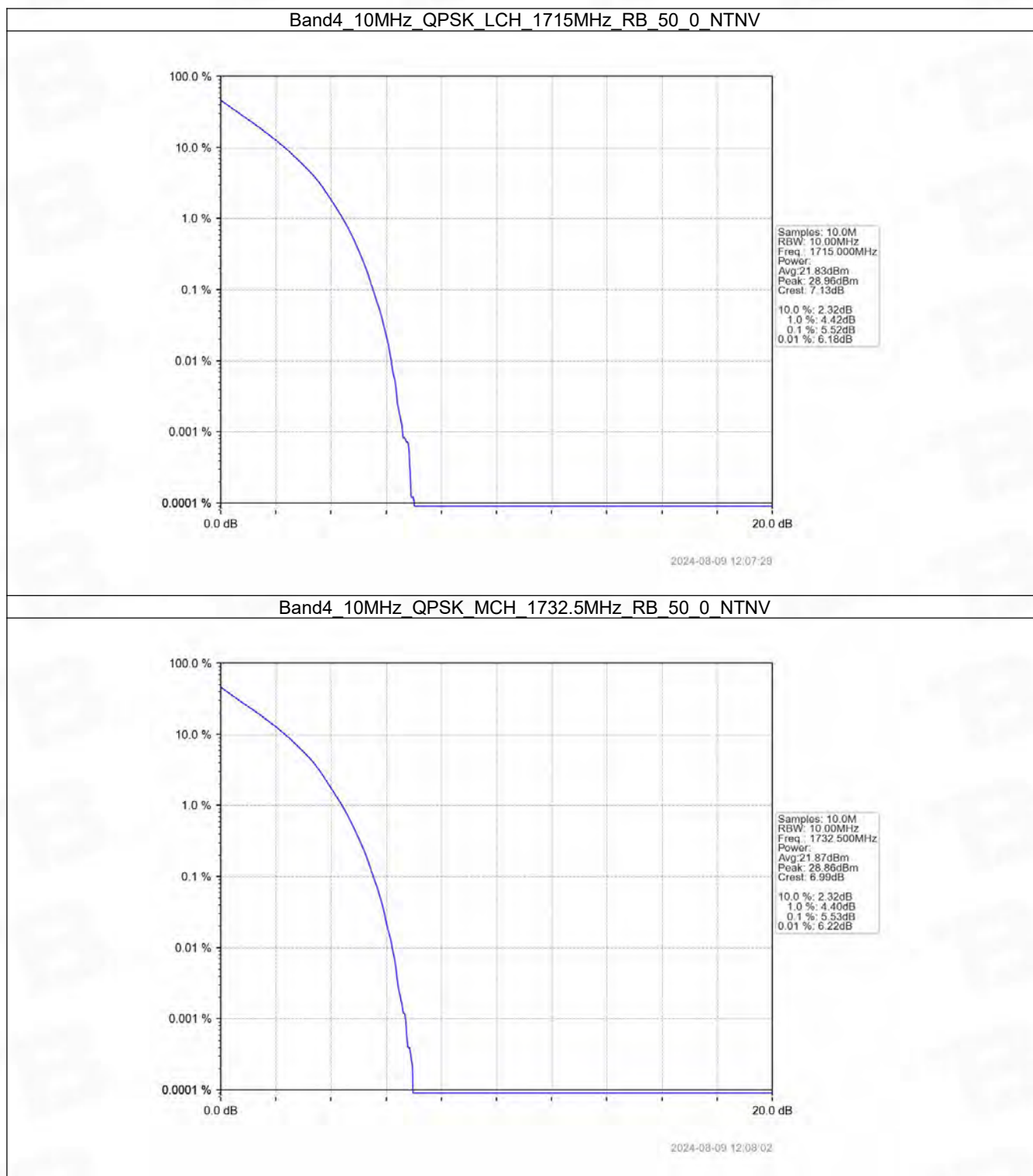
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Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV

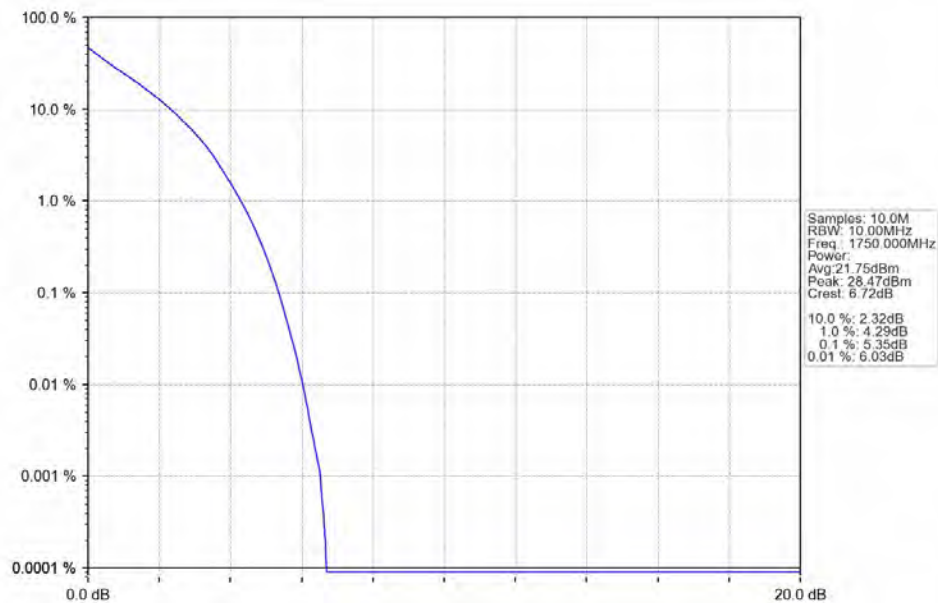


2024-08-09 12:06:46

5.2.4 B4_10MHz

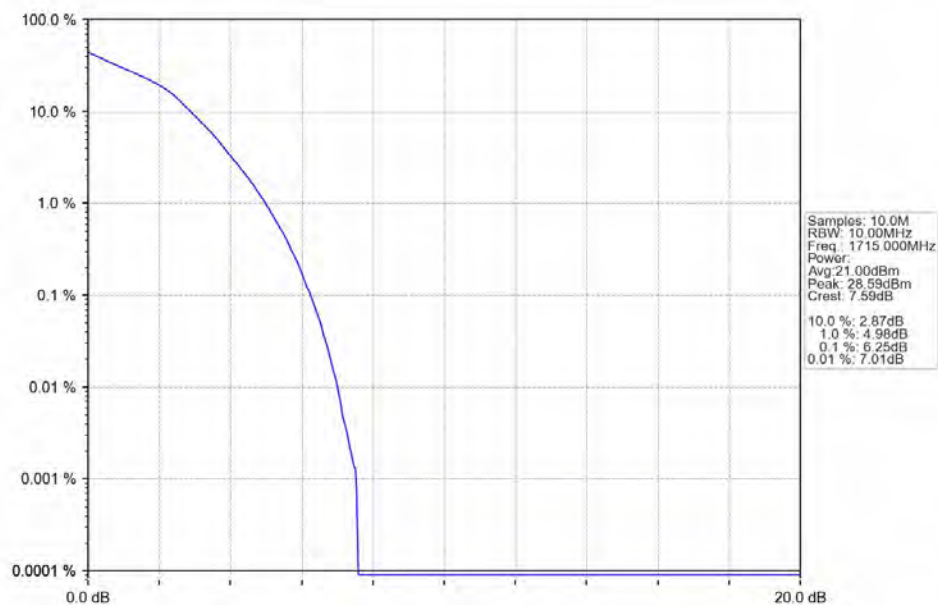


Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



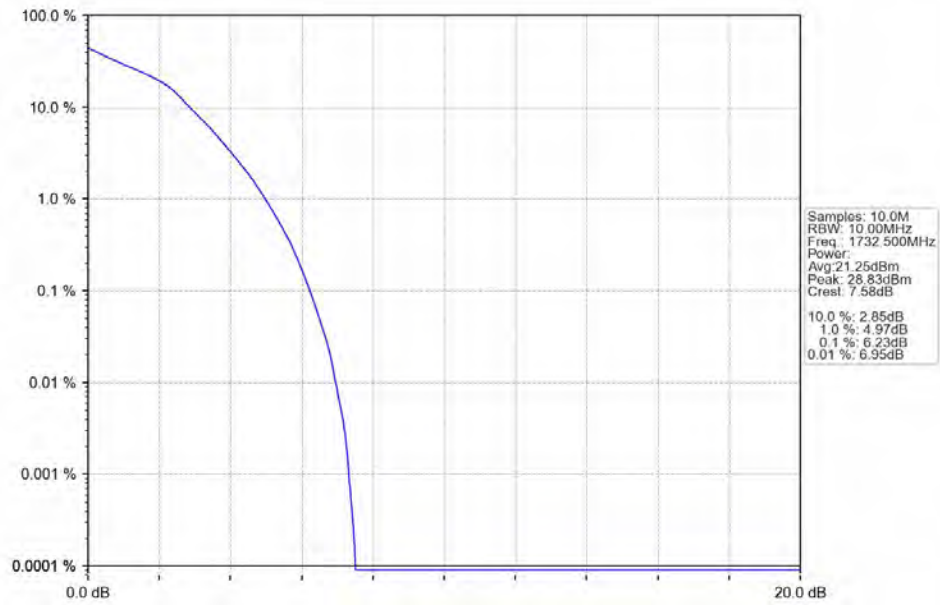
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Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV



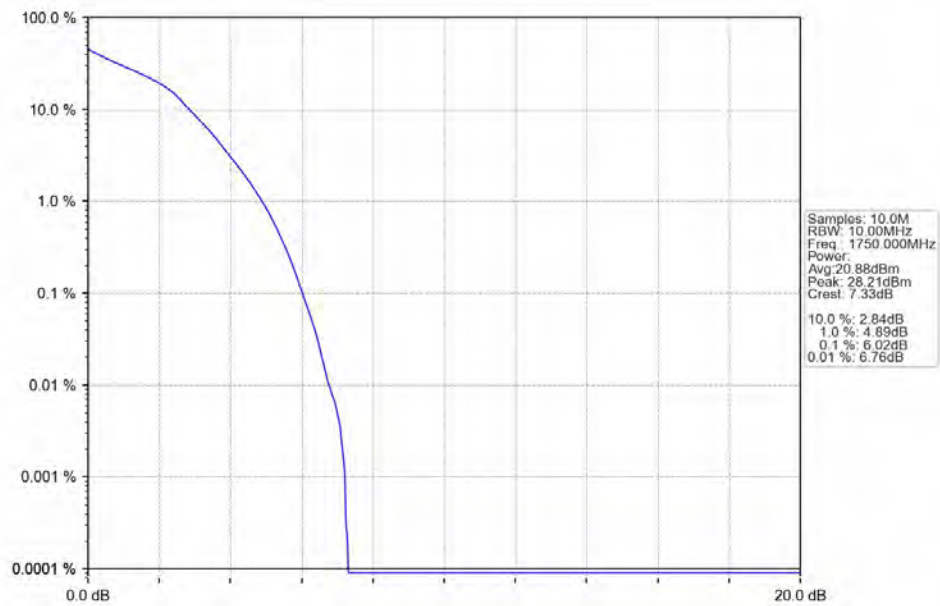
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Band4_10MHz_16QAM_MCH_1732.5MHz_RB_50_0_NTNV



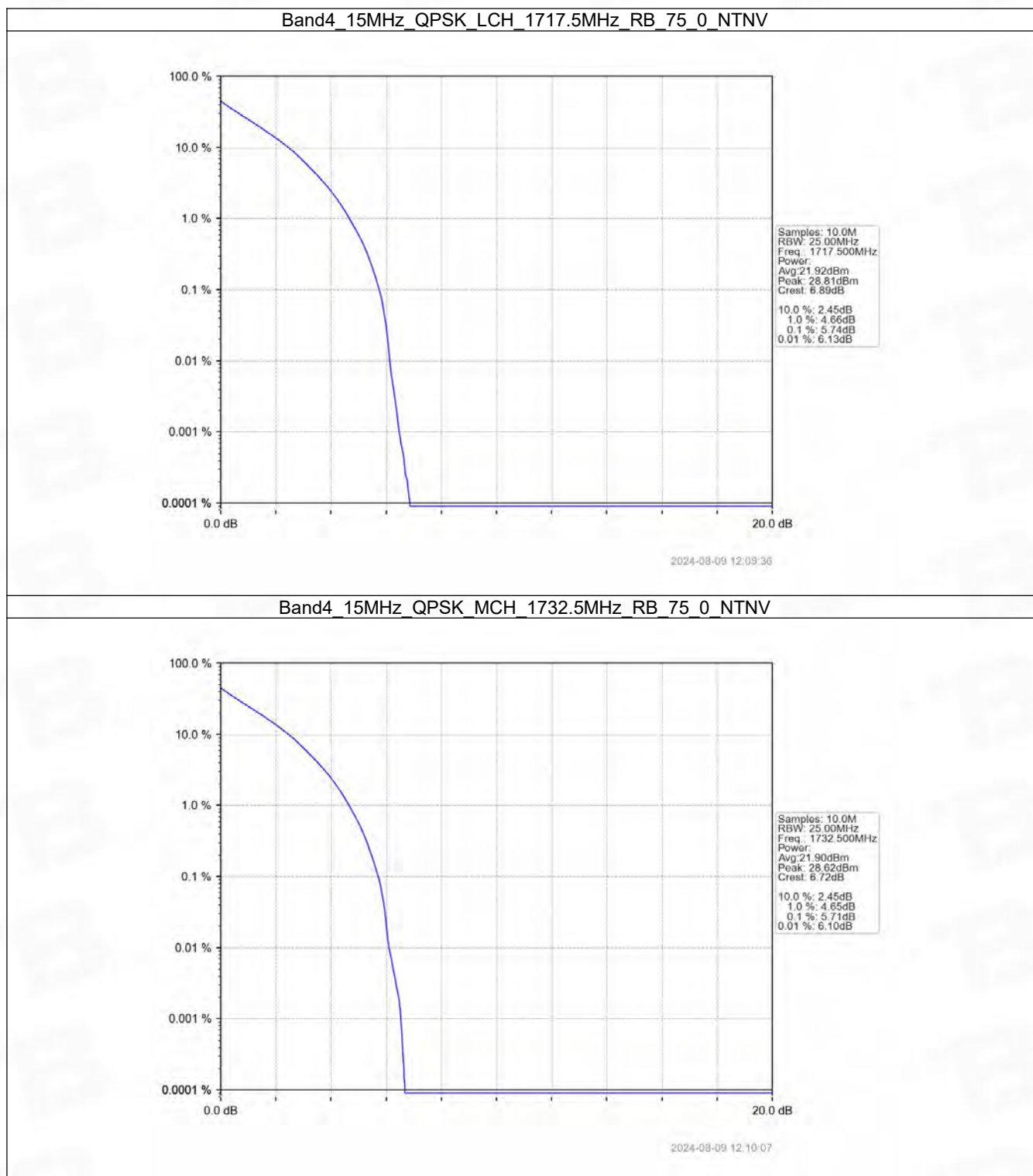
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Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

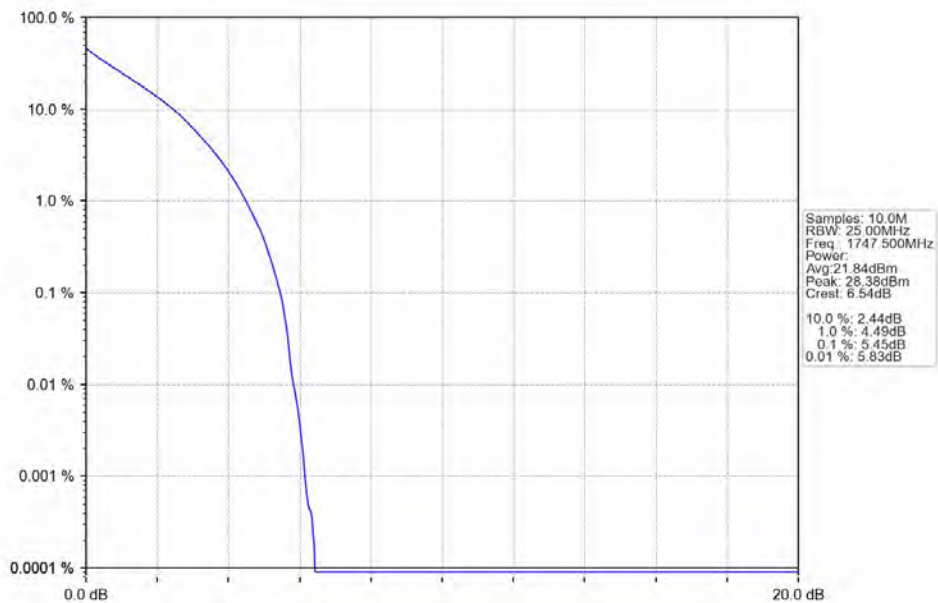


2024-08-09 12:08:52

5.2.5 B4_15MHz

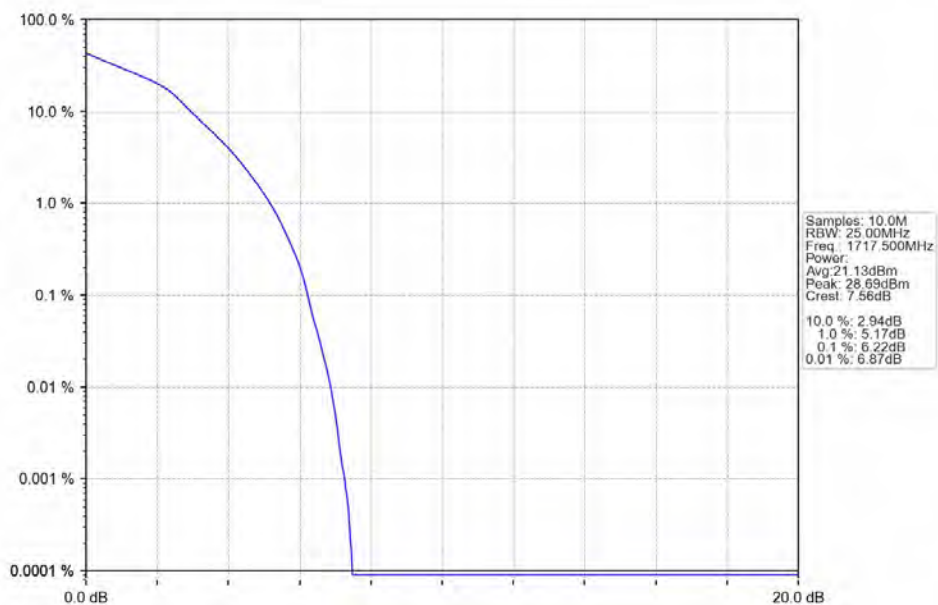


Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV



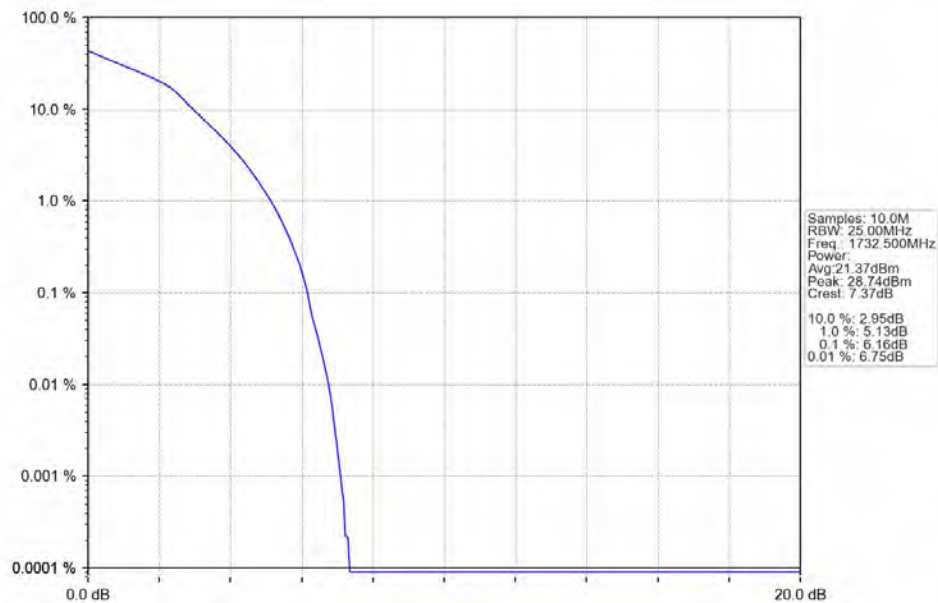
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Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV



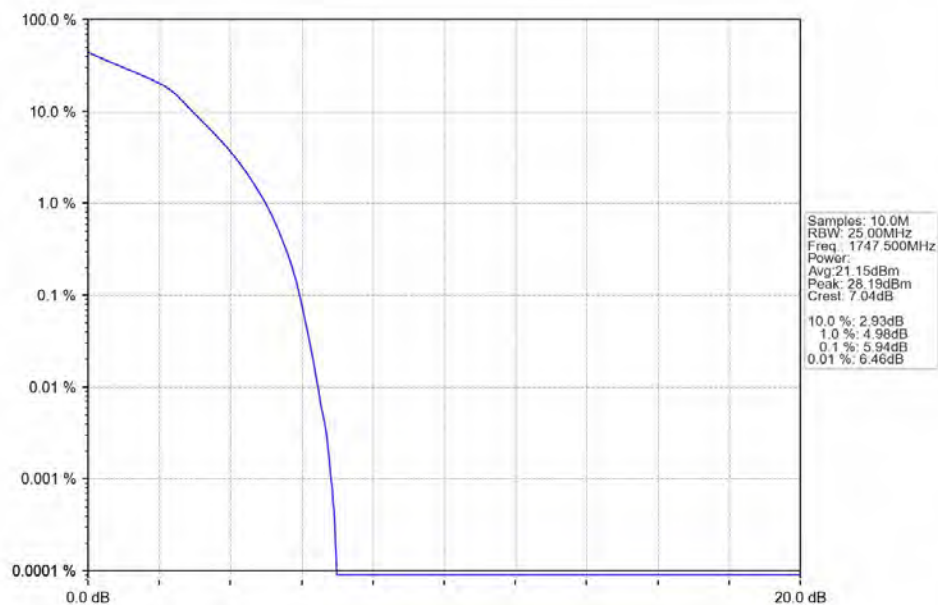
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Band4_15MHz_16QAM_MCH_1732.5MHz_RB_75_0_NTNV



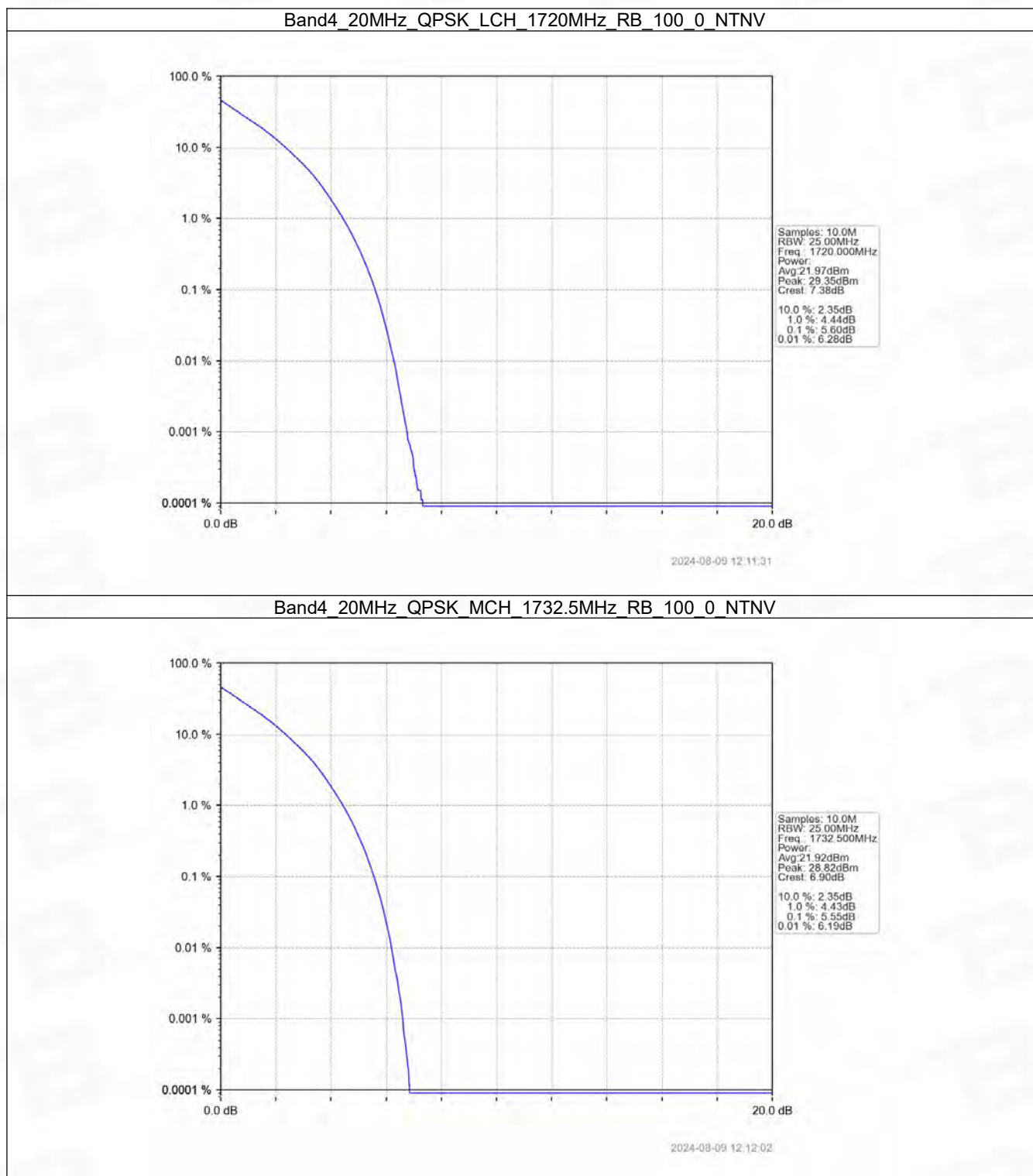
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Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

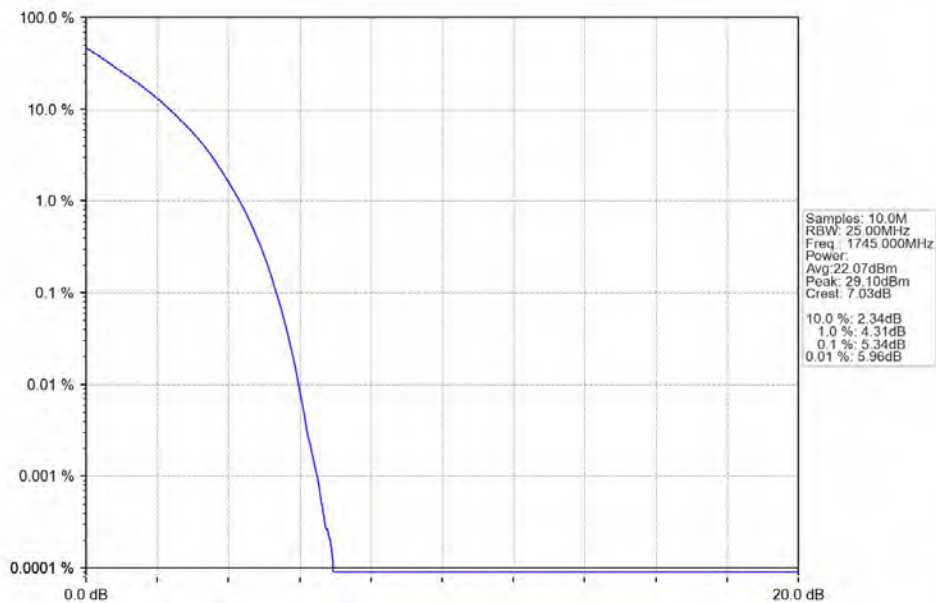


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5.2.6 B4_20MHz

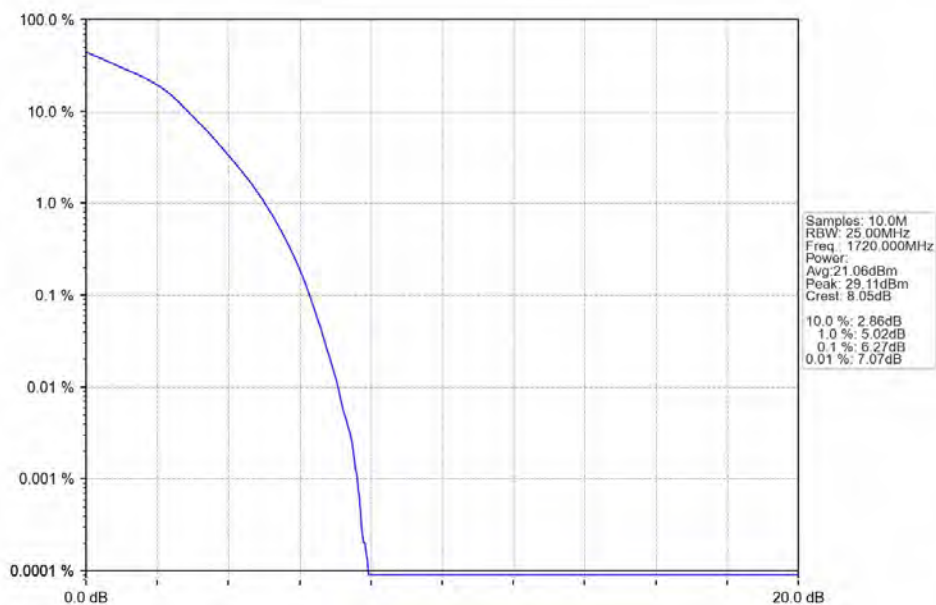


Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



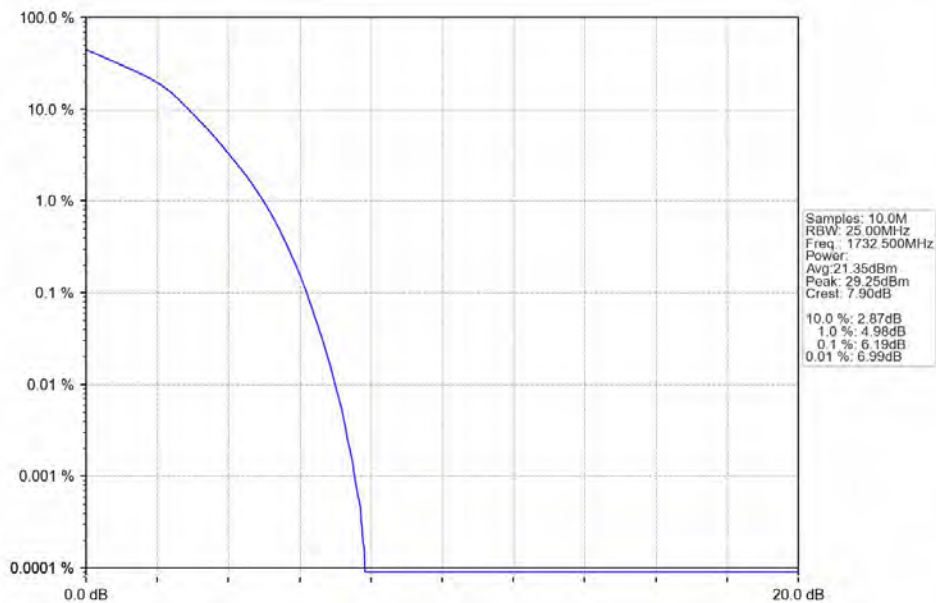
2024-08-09 12:12:32

Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV



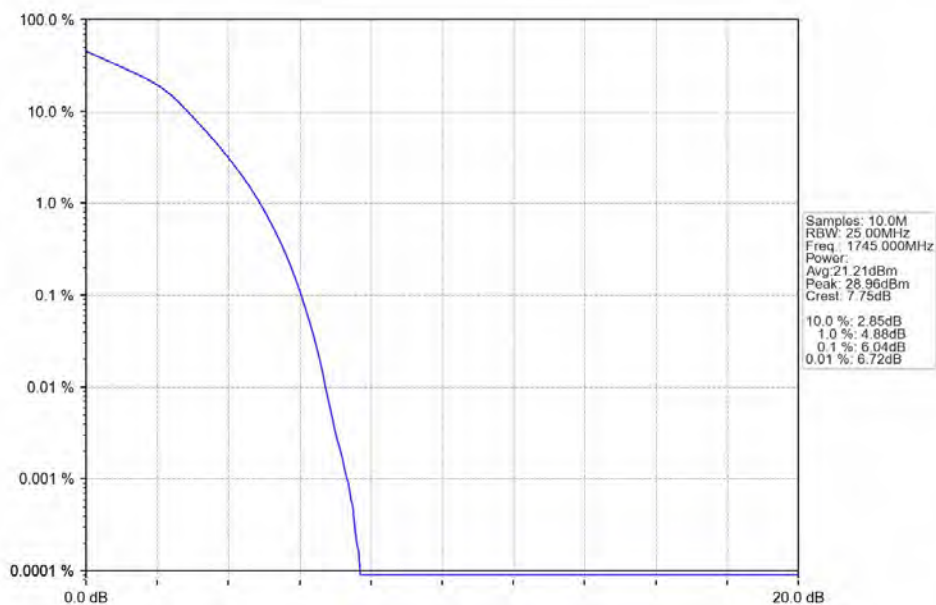
2024-08-09 12:11:46

Band4_20MHz_16QAM_MCH_1732.5MHz_RB_100_0_NTNV



2024-08-09 12:12:16

Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



2024-08-09 12:12:46

6. Spurious Emission

6.1 Test Result

6.1.1 B4_1.4MHz

Band: 4 / Bandwidth: 1.4MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1754.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
16QAM	1710.7	1	0	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1754.3	1	5	Refer To Test Graph		Pass
		6	0	Refer To Test Graph		Pass

6.1.2 B4_3MHz

Band: 4 / Bandwidth: 3MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1753.5	1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
16QAM	1711.5	1	0	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1753.5	1	14	Refer To Test Graph		Pass
		15	0	Refer To Test Graph		Pass

6.1.3 B4_5MHz

Band: 4 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1712.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	1752.5	1	24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
16QAM	1712.5	1	0	Refer To Test Graph		Pass

	1732.5	25	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	1752.5	1	0	Refer To Test Graph	Pass
			24	Refer To Test Graph	Pass
		25	0	Refer To Test Graph	Pass

6.1.4 B4_10MHz

Band: 4 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1750	1	0	Refer To Test Graph	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass
16QAM	1715	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1750	1	0	Refer To Test Graph	
	49			Refer To Test Graph		Pass
	50		0	Refer To Test Graph		Pass

6.1.5 B4_15MHz

Band: 4 / Bandwidth: 15MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	1717.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
	1747.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass

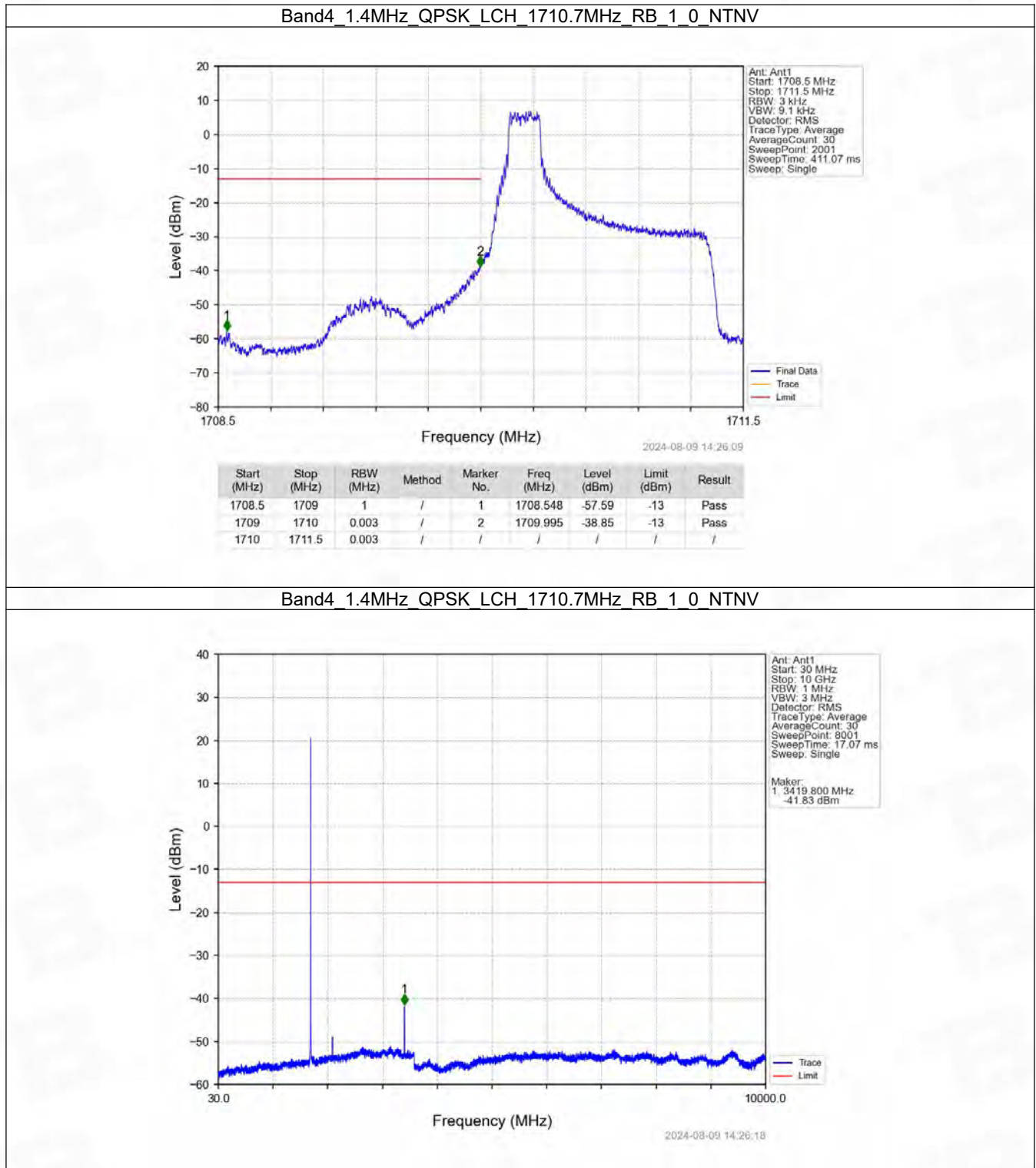
6.1.6 B4_20MHz

Band: 4 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	1720	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	1732.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	1720	1	0	Refer To Test Graph		Pass

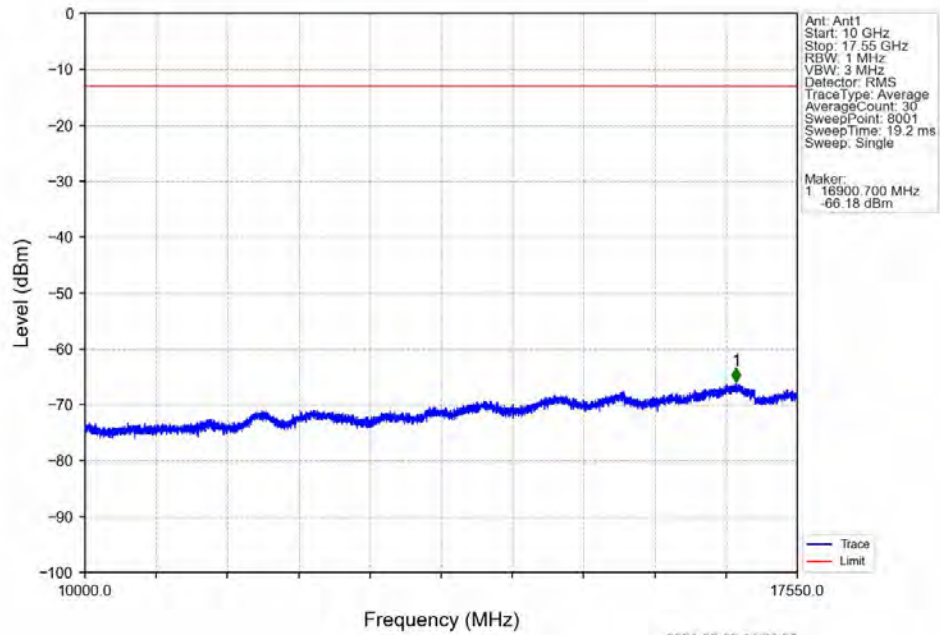
		100	0	Refer To Test Graph	Pass
	1732.5	1	0	Refer To Test Graph	Pass
	1745	1	0	Refer To Test Graph	Pass
			99	Refer To Test Graph	Pass
		100	0	Refer To Test Graph	Pass

6.2 Test Graph

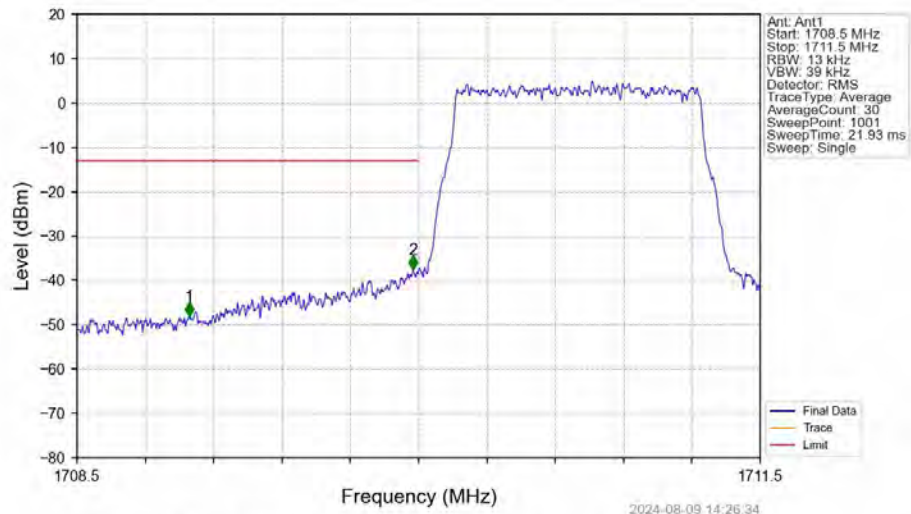
6.2.1 B4_1.4MHz



Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_1_0_NTNV

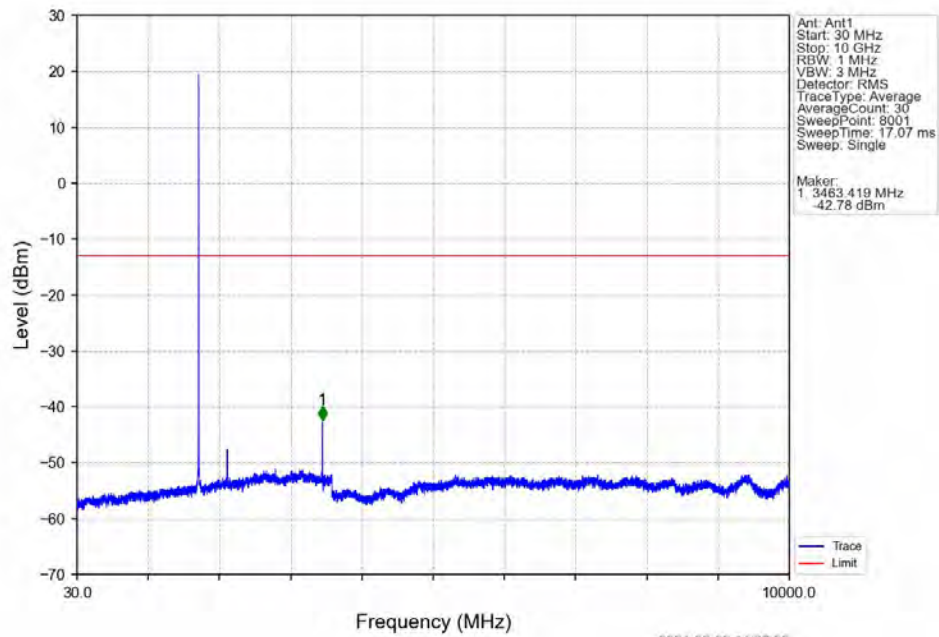


Band4_1.4MHz_QPSK_LCH_1710.7MHz_RB_6_0_NTNV

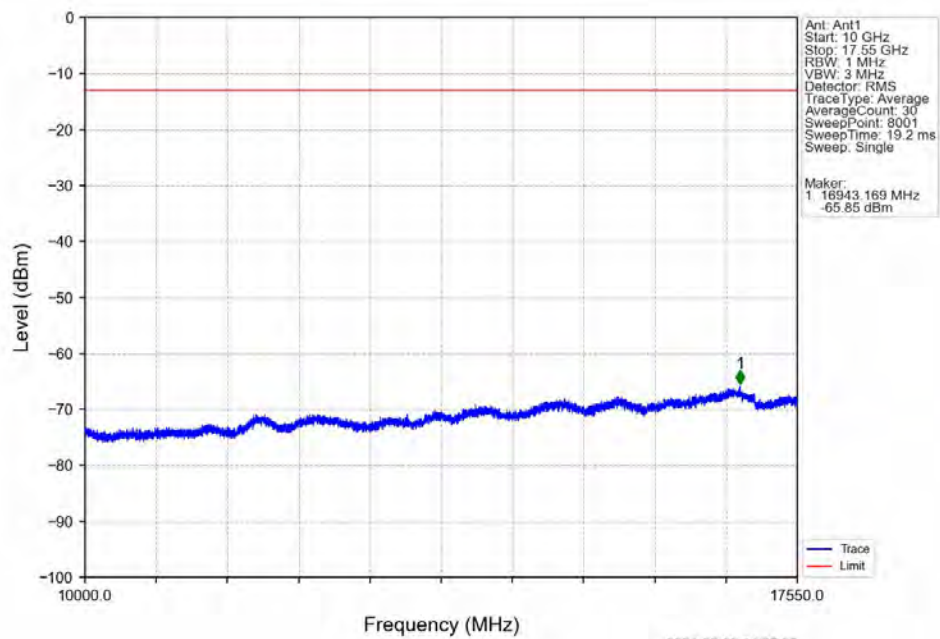


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.992	-48.12	-13	Pass
1709	1710	0.013	/	2	1709.976	-37.55	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

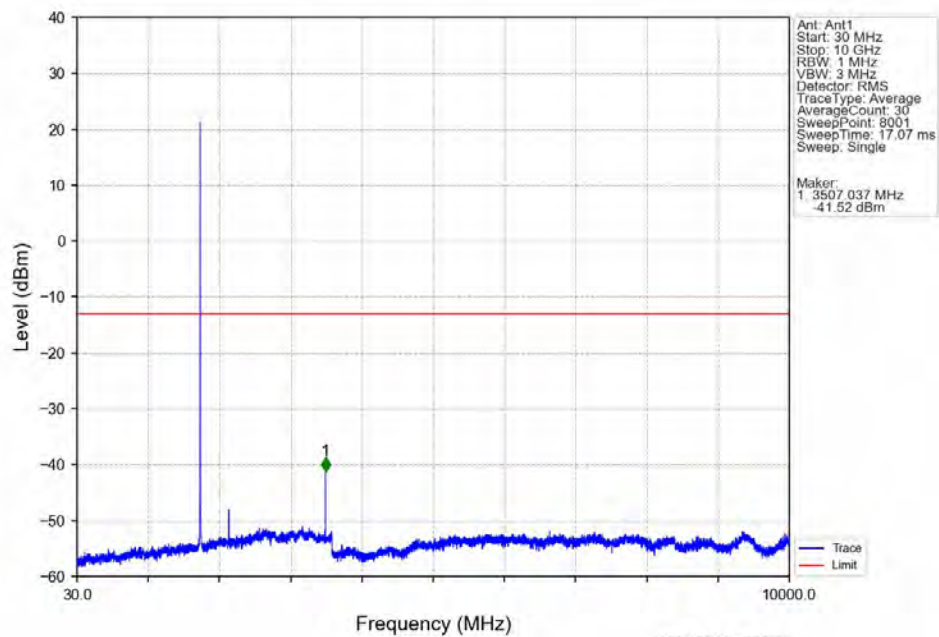
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



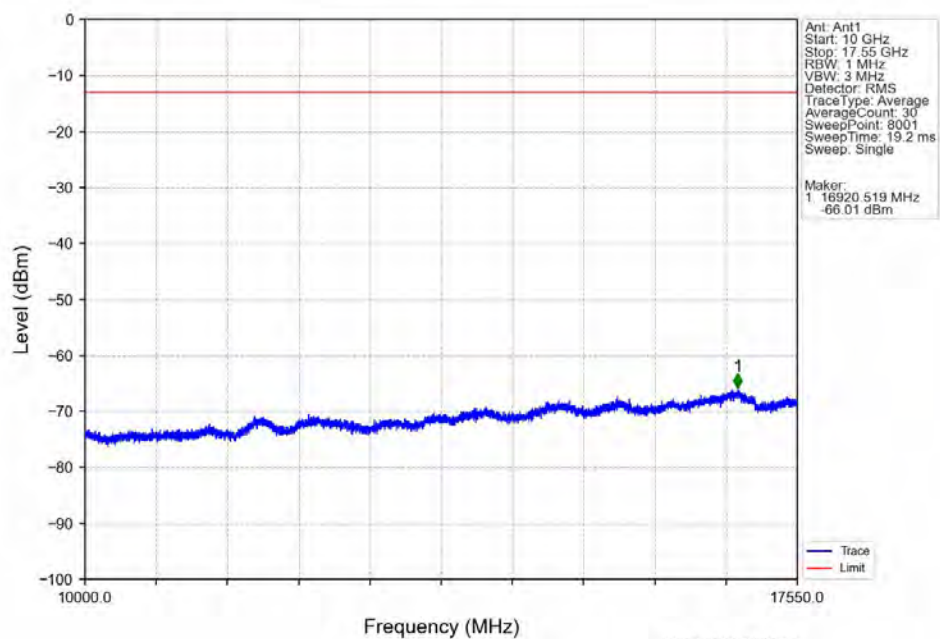
Band4_1.4MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



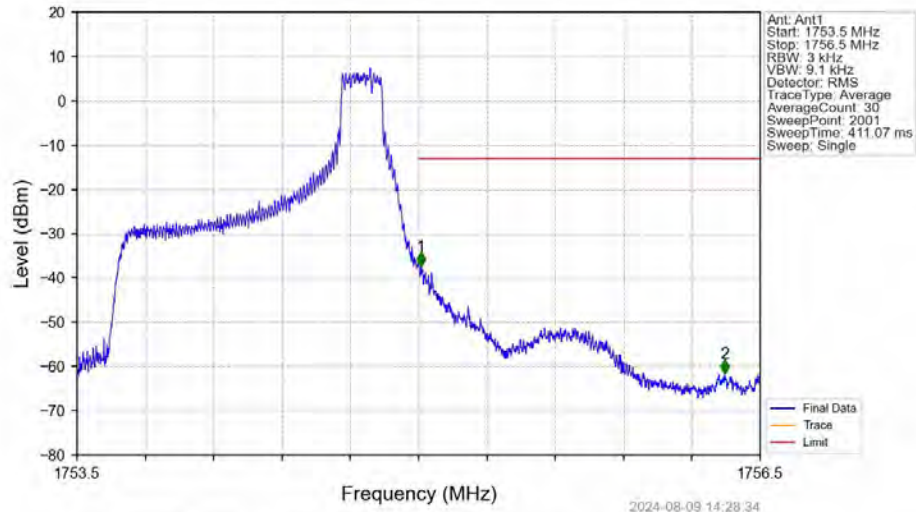
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



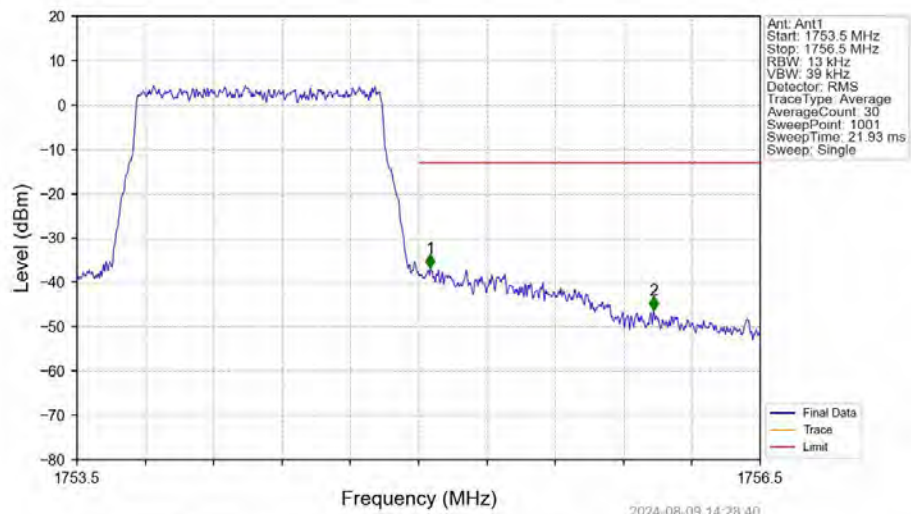
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_0_NTNV



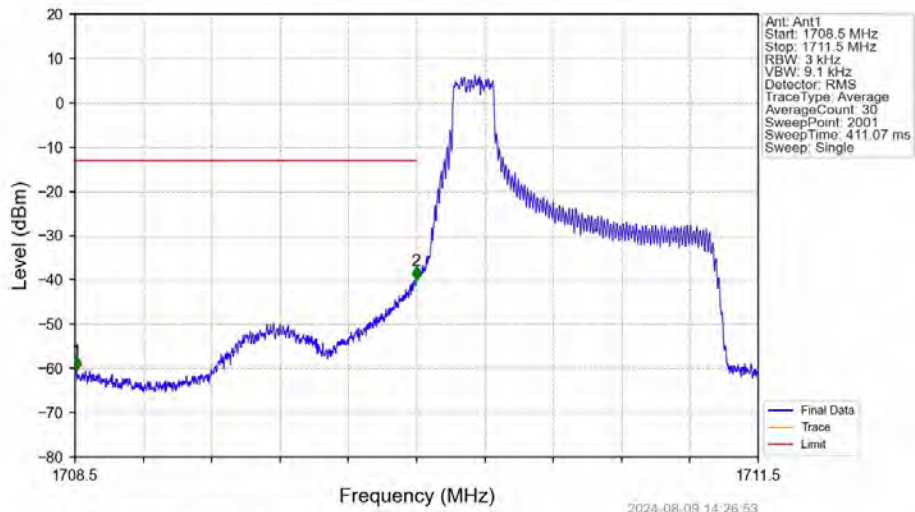
Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_1_5_NTNV



Band4_1.4MHz_QPSK_HCH_1754.3MHz_RB_6_0_NTNV

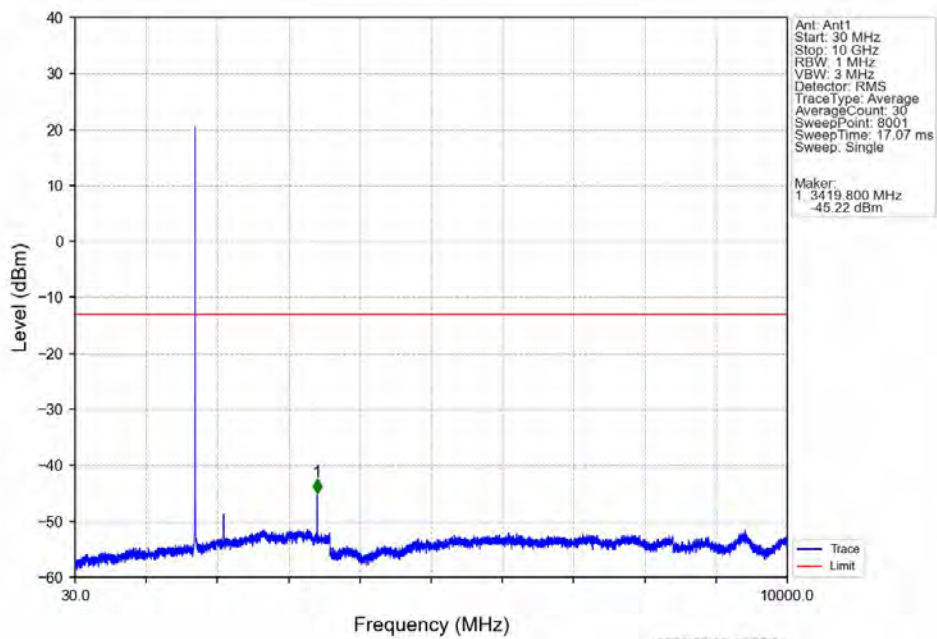


Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV



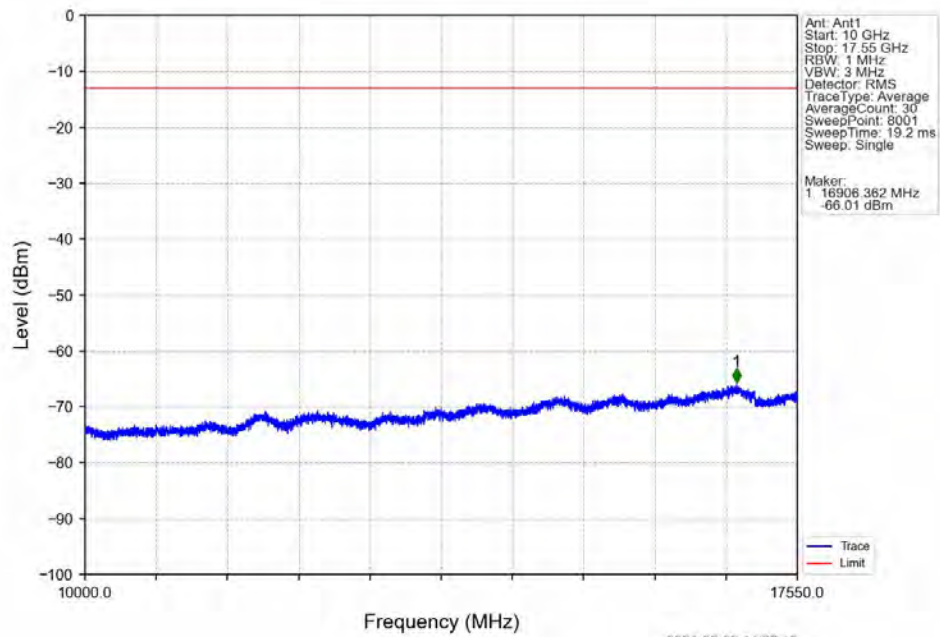
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.506	-60.45	-13	Pass
1709	1710	0.003	/	2	1709.998	-40.03	-13	Pass
1710	1711.5	0.003	/	/	/	/	/	/

Band4_1.4MHz_16QAM_LCH_1710.7MHz_RB_1_0_NTNV

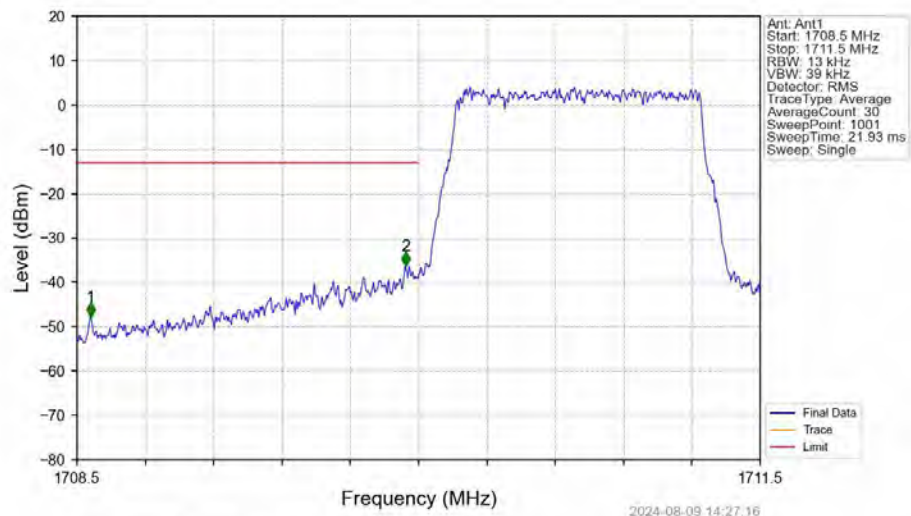


Marker:
1: 3419.800 MHz
-45.22 dBm

Band4 1.4MHz 16QAM LCH 1710.7MHz RB 1 0 NTNV

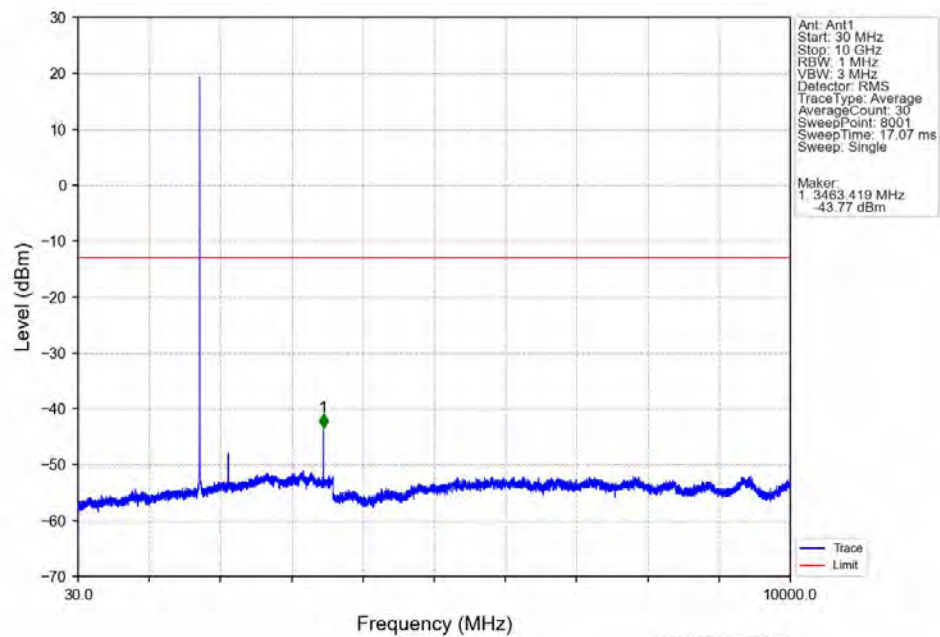


Band4 1.4MHz 16QAM LCH 1710.7MHz RB 6 0 NTNV

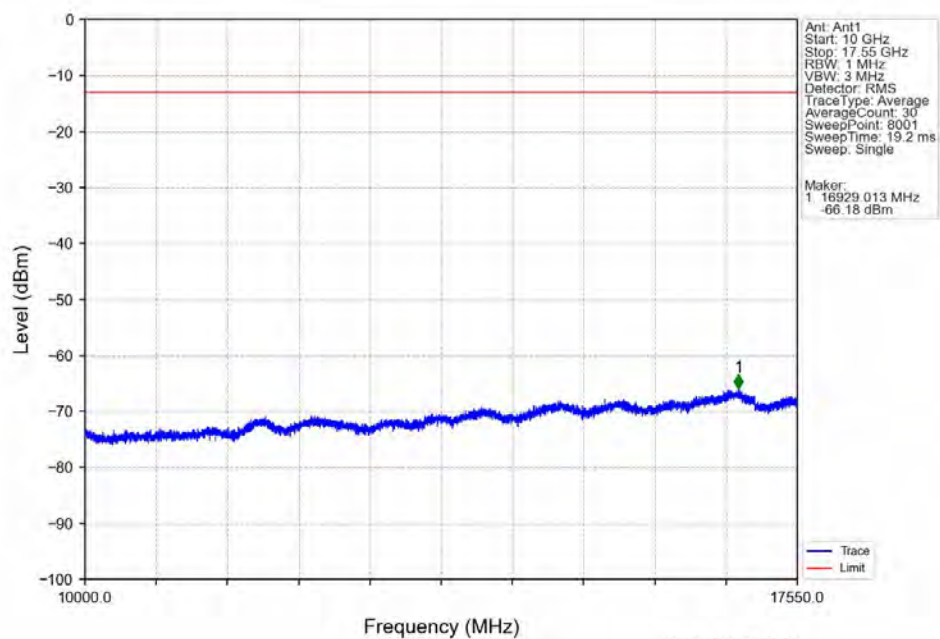


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1708.5	1709	1	/	1	1708.560	-47.66	-13	Pass
1709	1710	0.013	/	2	1709.943	-36.25	-13	Pass
1710	1711.5	0.013	/	/	/	/	/	/

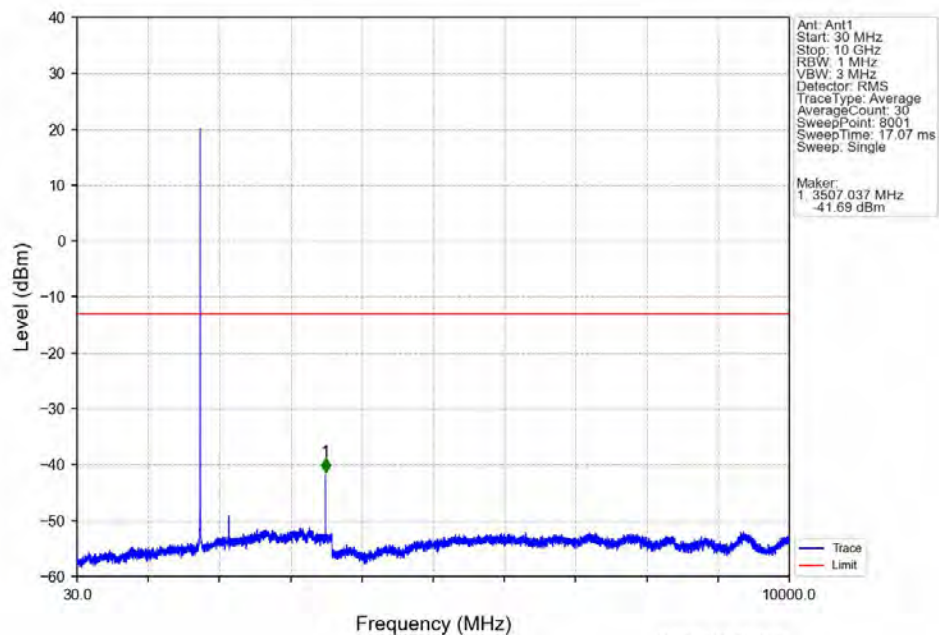
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



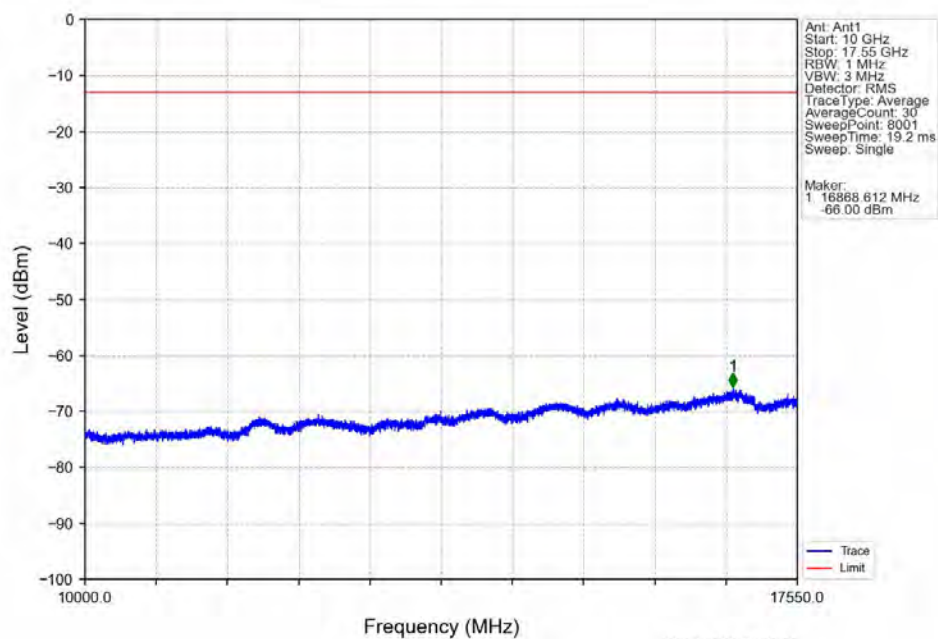
Band4_1.4MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



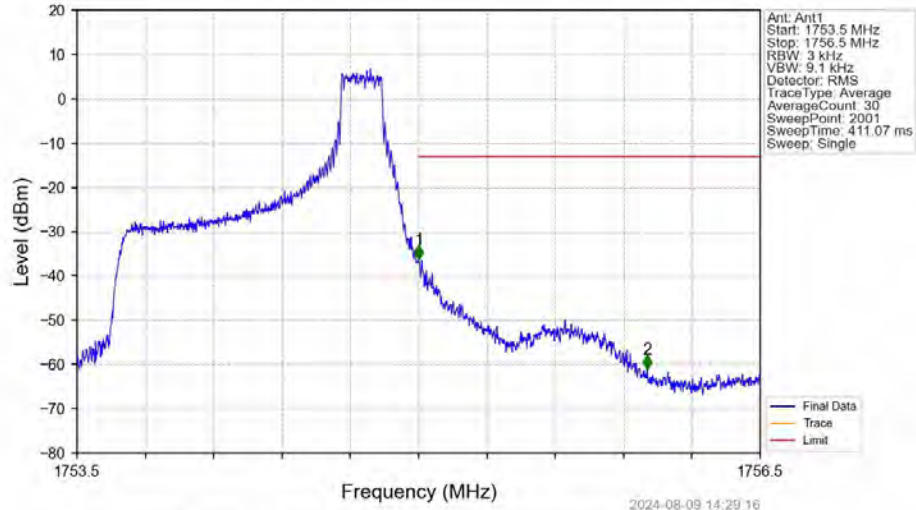
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



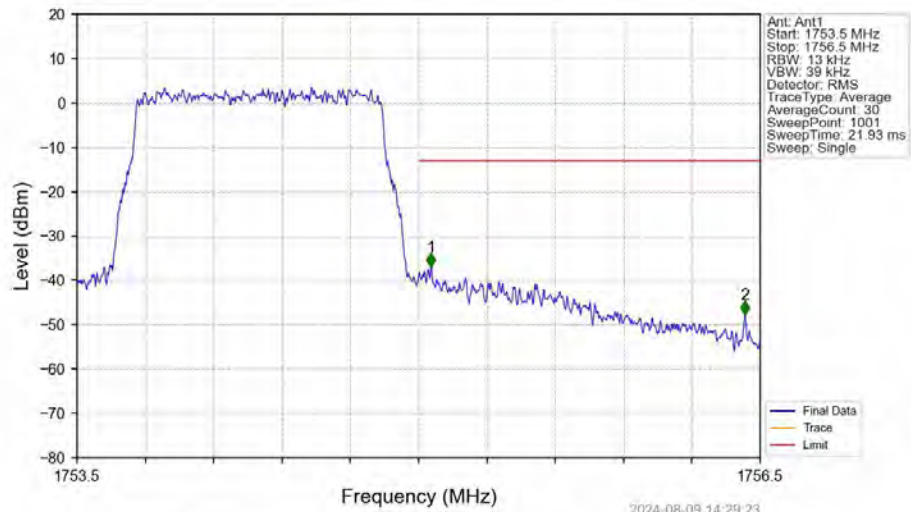
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_0_NTNV



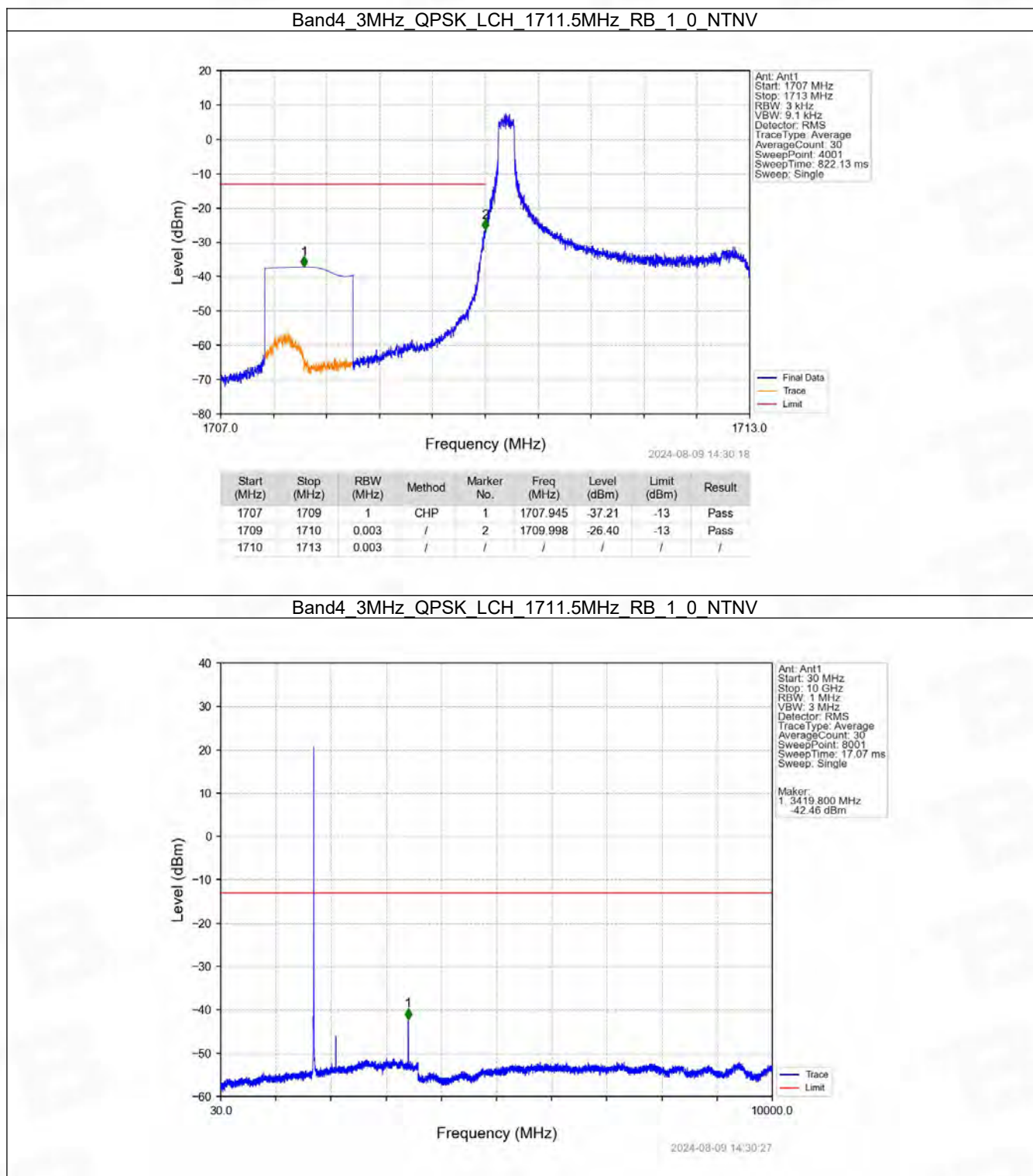
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_1_5_NTNV



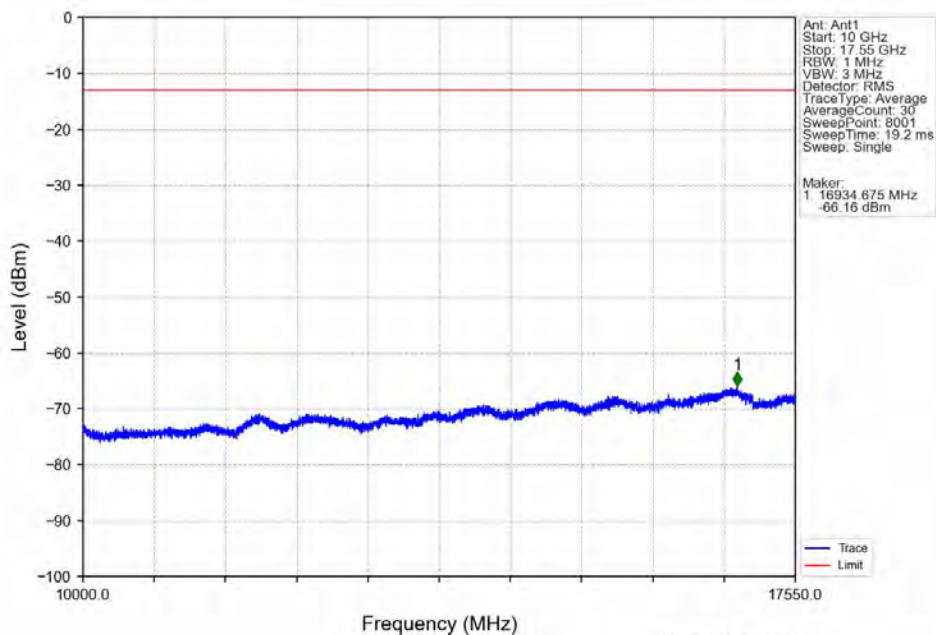
Band4_1.4MHz_16QAM_HCH_1754.3MHz_RB_6_0_NTNV



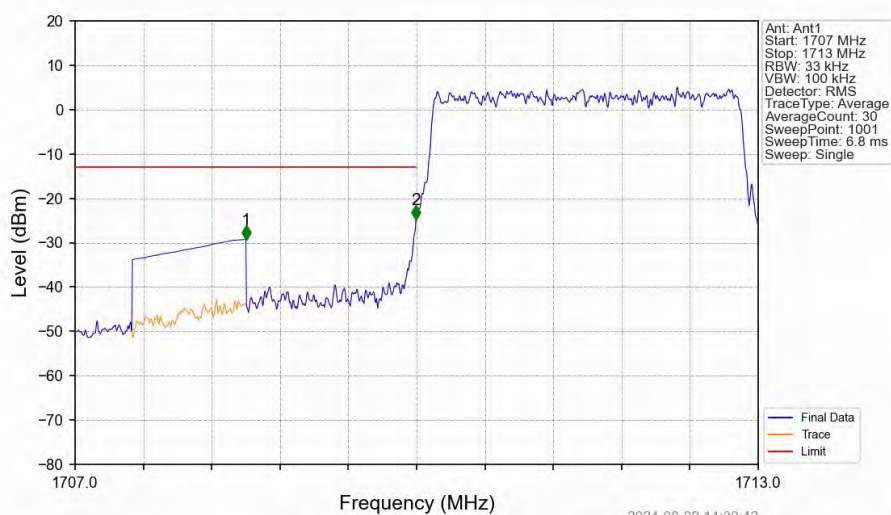
6.2.2 B4_3MHz



Band4_3MHz_QPSK_LCH_1711.5MHz_RB_1_0_NTNV

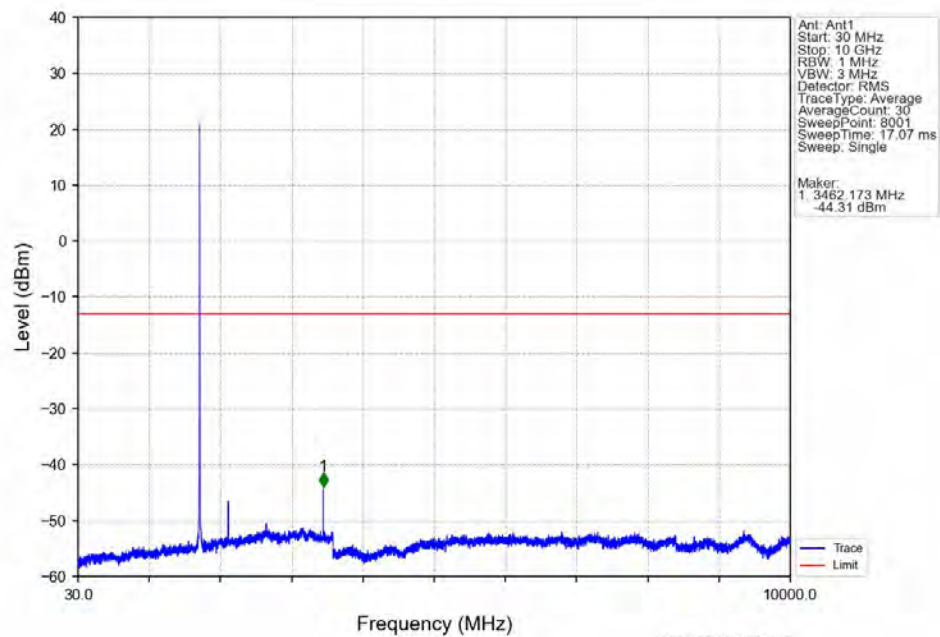


Band4_3MHz_QPSK_LCH_1711.5MHz_RB_15_0_NTNV

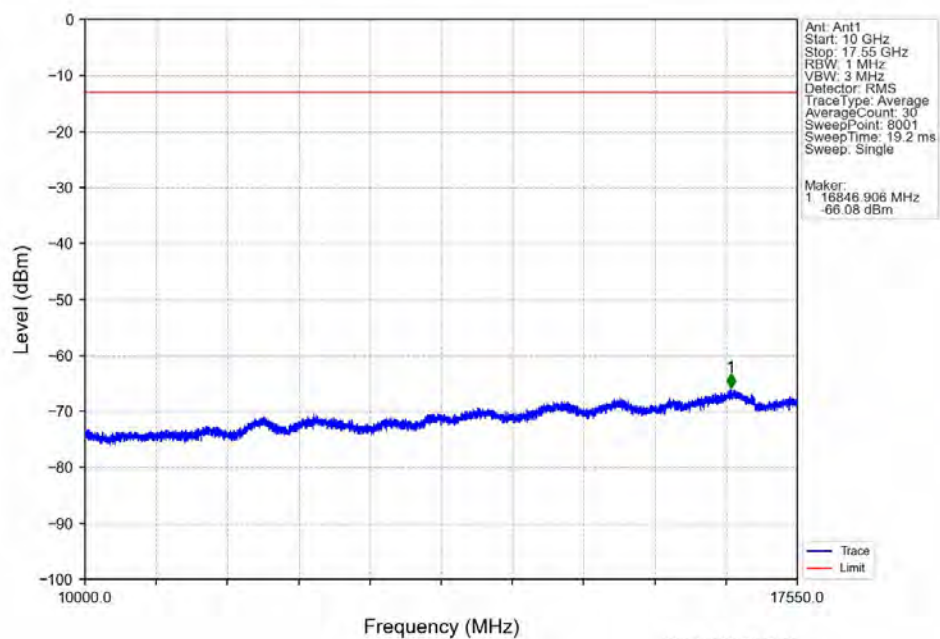


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-29.28	-13	Pass
1709	1710	0.033	/	2	1709.994	-24.75	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

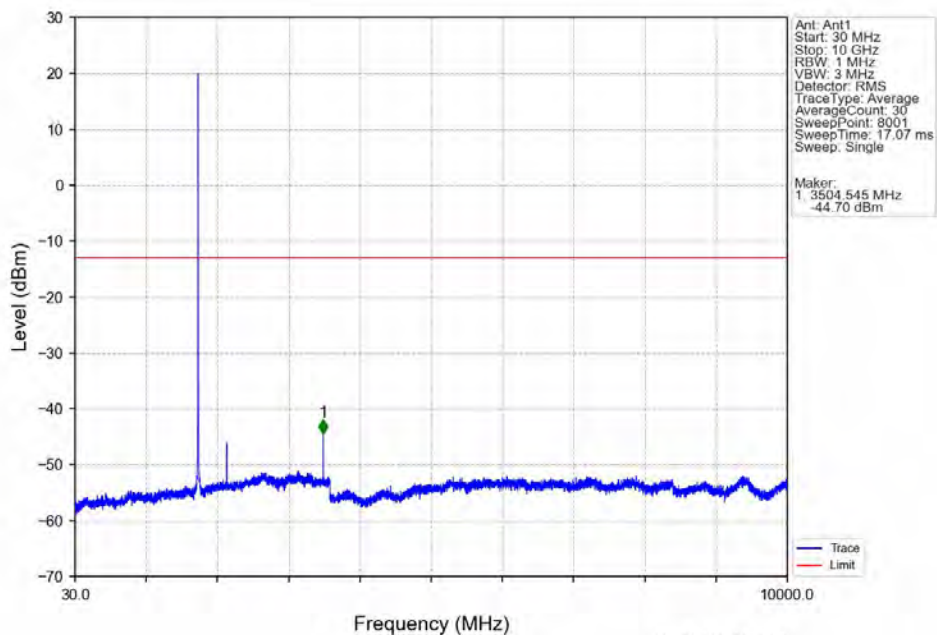
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



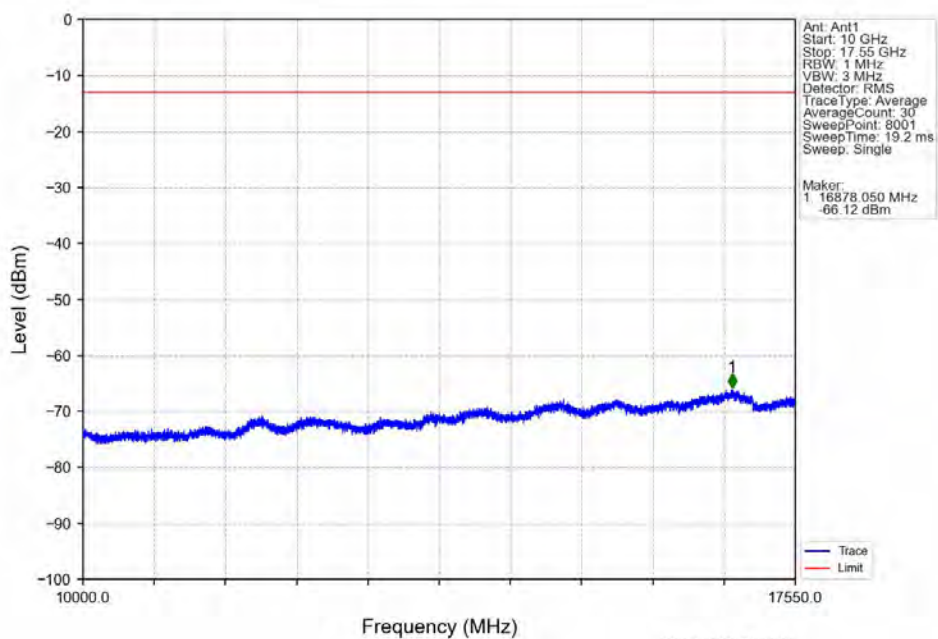
Band4_3MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



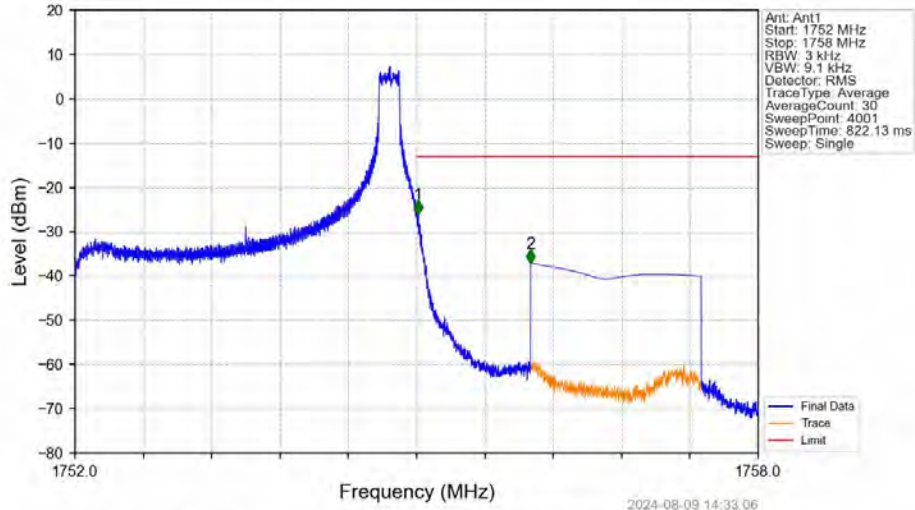
Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_0_NTNV

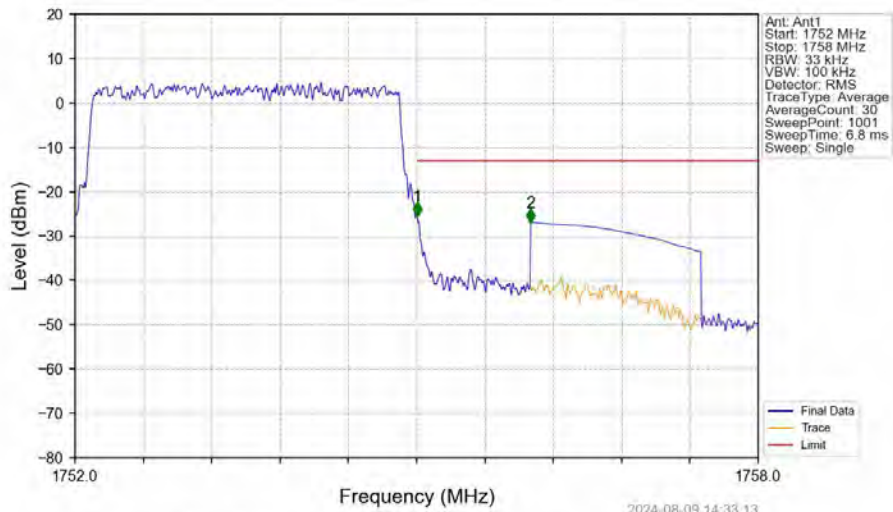


Band4_3MHz_QPSK_HCH_1753.5MHz_RB_1_14_NTNV



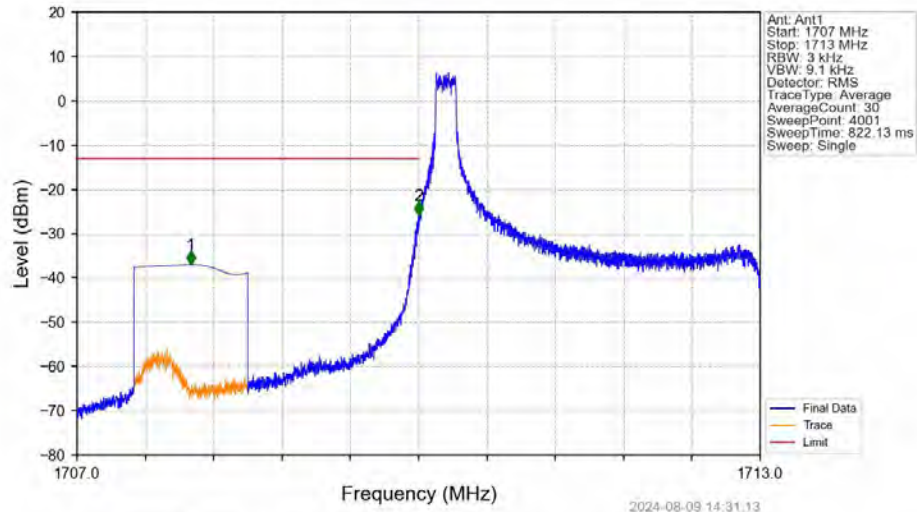
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.014	-25.95	-13	Pass
1756	1758	1	CHP	2	1756.001	-37.07	-13	Pass

Band4_3MHz_QPSK_HCH_1753.5MHz_RB_15_0_NTNV

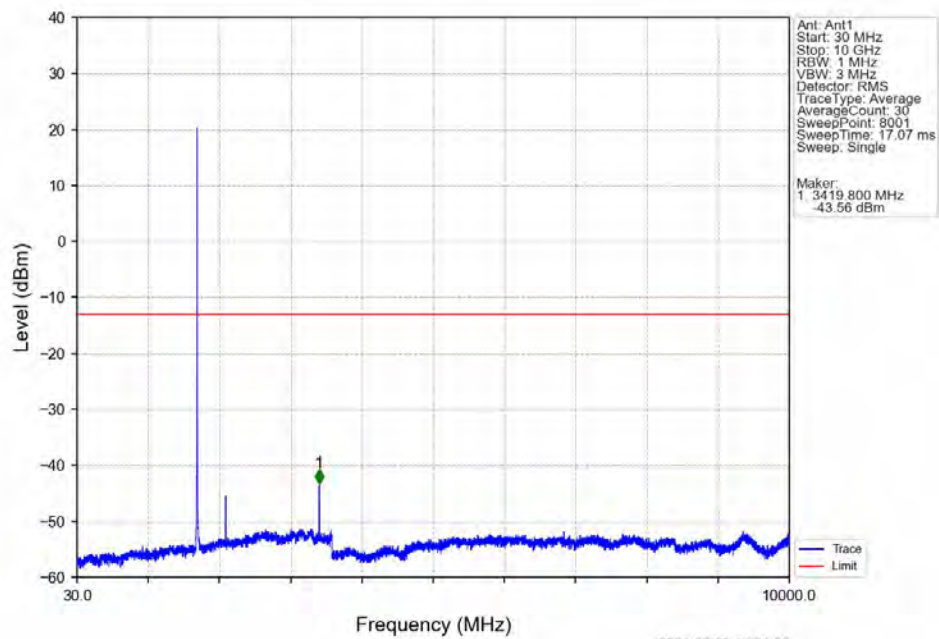


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.006	-25.55	-13	Pass
1756	1758	1	CHP	2	1756.002	-26.86	-13	Pass

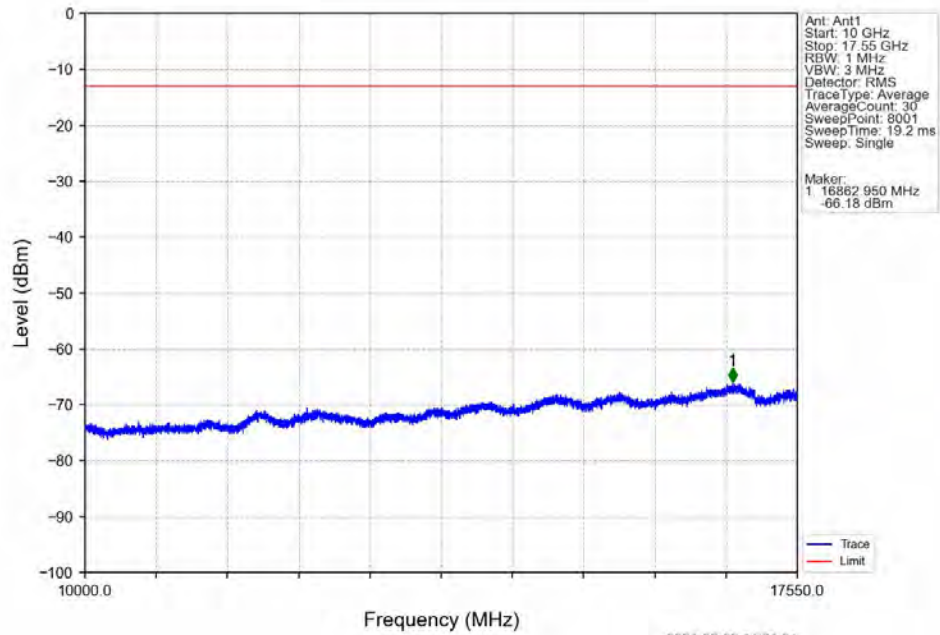
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



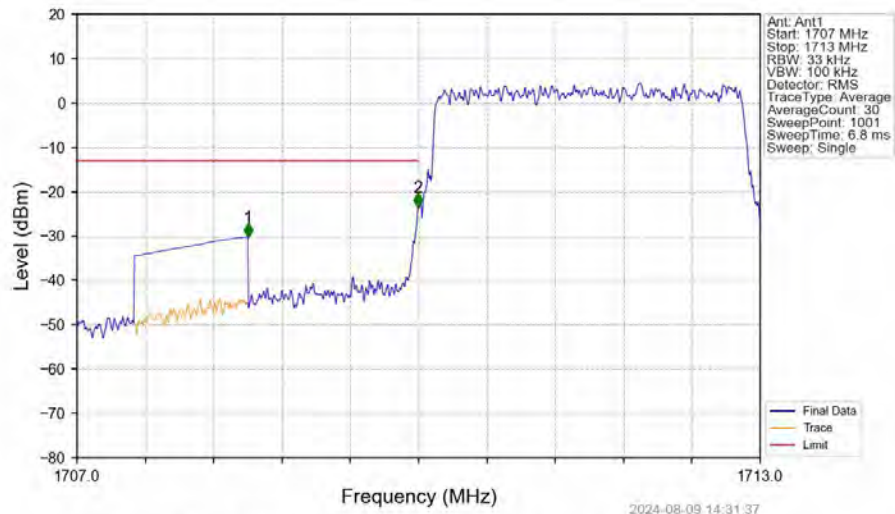
Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_LCH_1711.5MHz_RB_1_0_NTNV

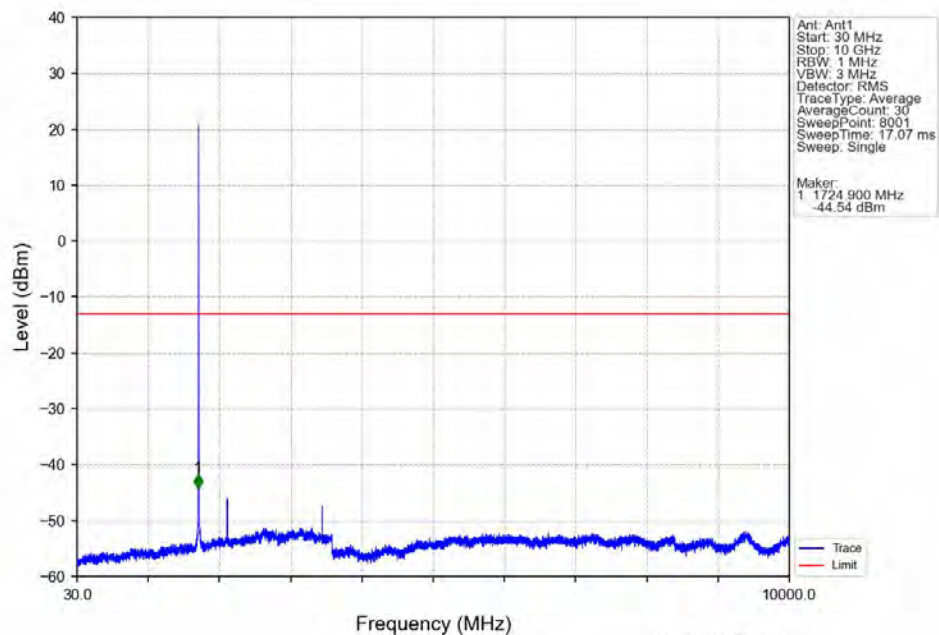


Band4_3MHz_16QAM_LCH_1711.5MHz_RB_15_0_NTNV

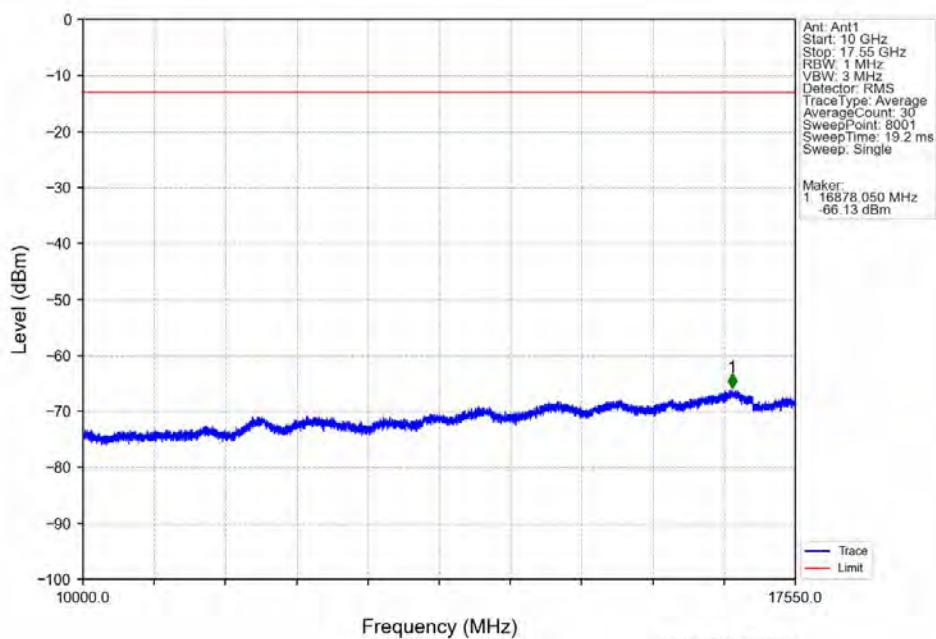


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1707	1709	1	CHP	1	1708.500	-30.22	-13	Pass
1709	1710	0.033	/	2	1709.994	-23.54	-13	Pass
1710	1713	0.033	/	/	/	/	/	/

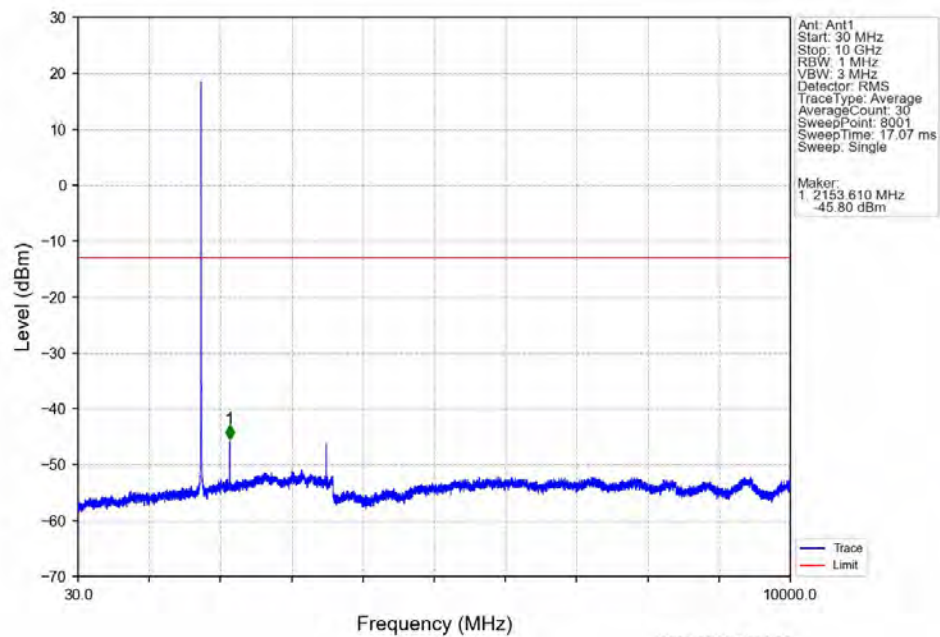
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



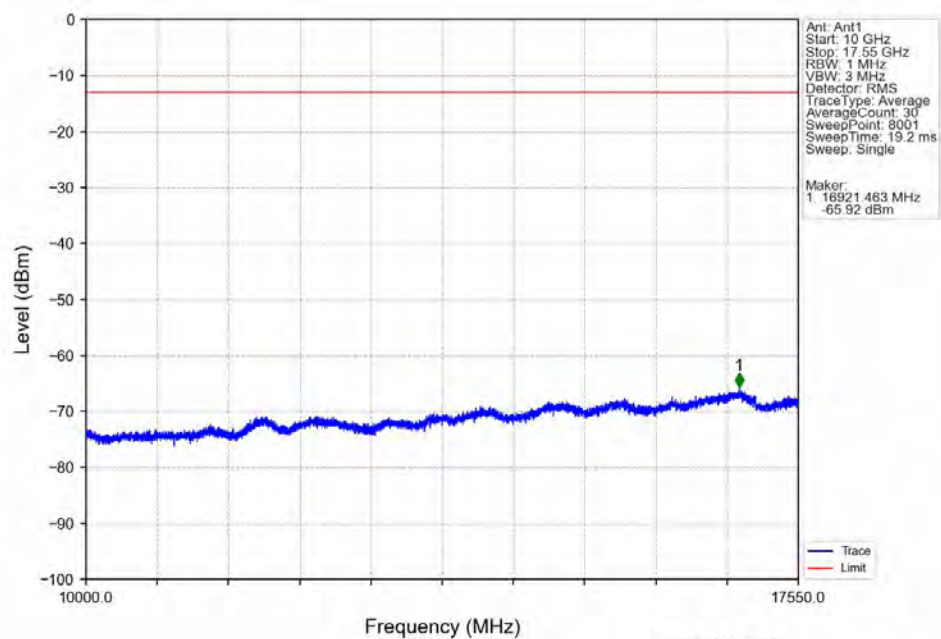
Band4_3MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



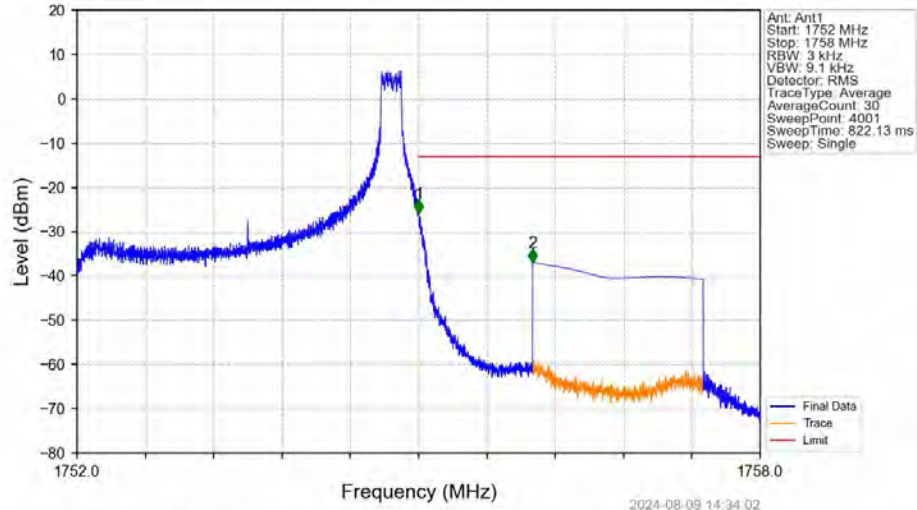
Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV



Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_0_NTNV

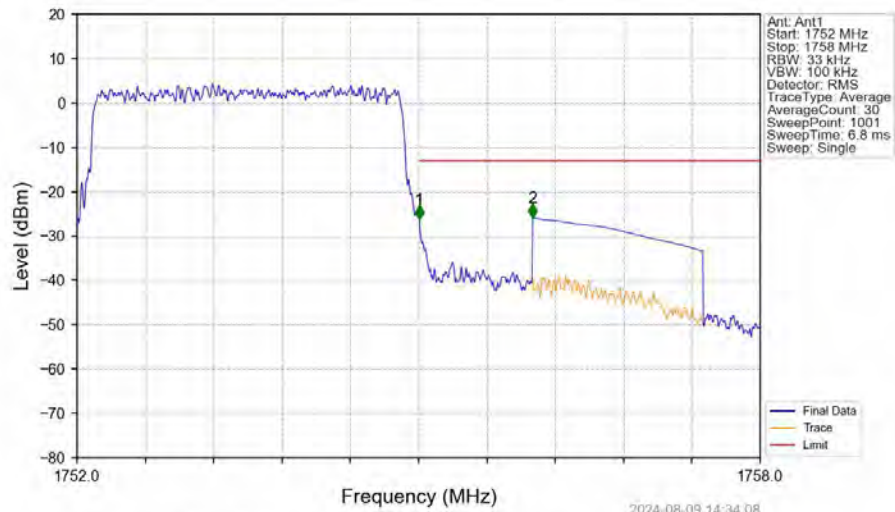


Band4_3MHz_16QAM_HCH_1753.5MHz_RB_1_14_NTNV



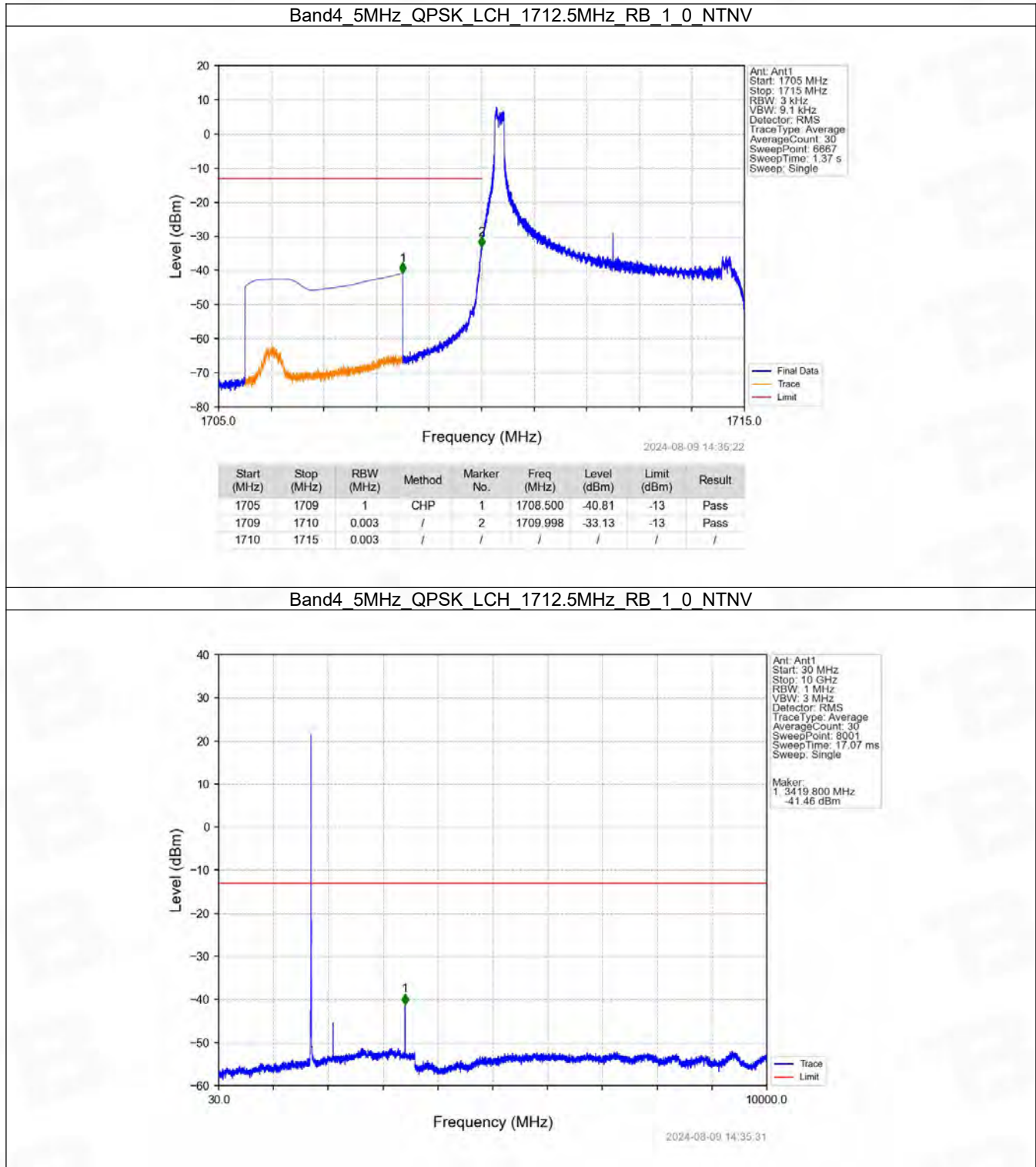
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.003	/	/	/	/	/	/
1755	1756	0.003	/	1	1755.003	-25.87	-13	Pass
1756	1758	1	CHP	2	1756.001	-36.90	-13	Pass

Band4_3MHz_16QAM_HCH_1753.5MHz_RB_15_0_NTNV

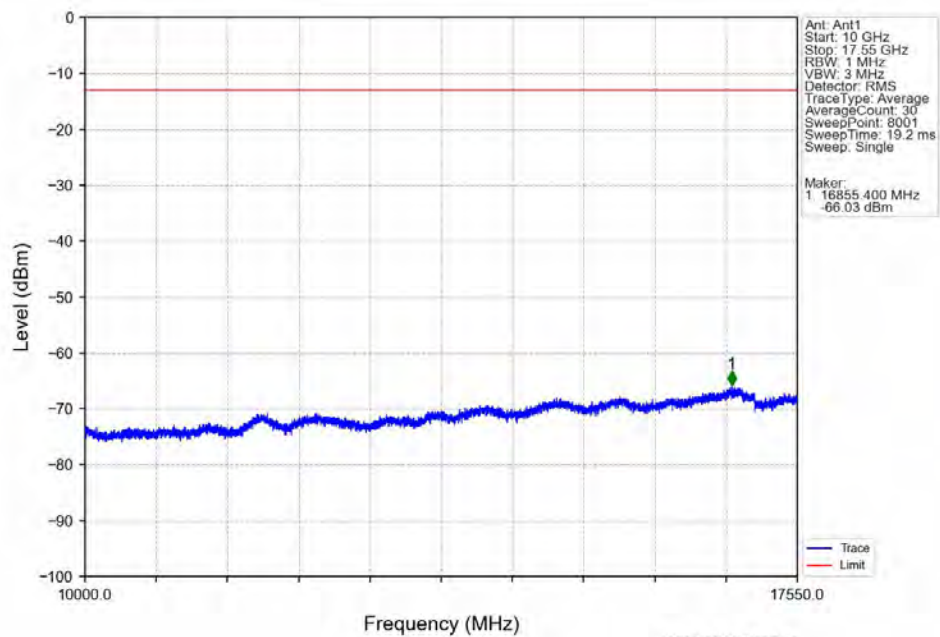


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1752	1755	0.033	/	/	/	/	/	/
1755	1756	0.033	/	1	1755.006	-26.14	-13	Pass
1756	1758	1	CHP	2	1756.002	-25.92	-13	Pass

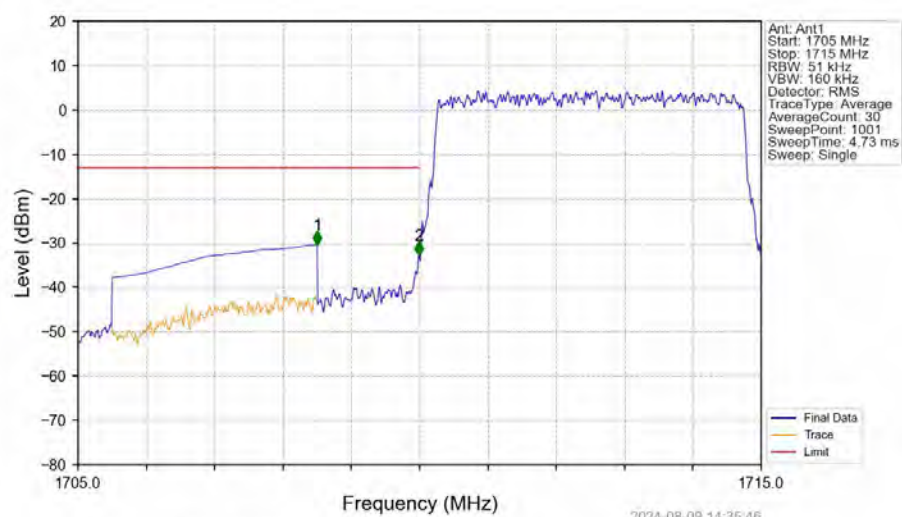
6.2.3 B4_5MHz



Band4_5MHz_QPSK_LCH_1712.5MHz_RB_1_0_NTNV

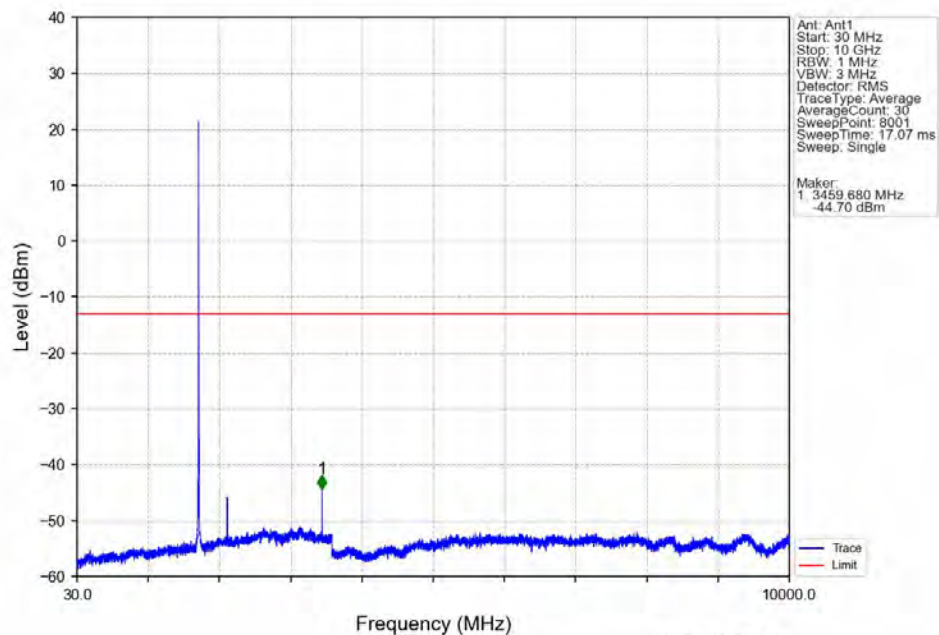


Band4_5MHz_QPSK_LCH_1712.5MHz_RB_25_0_NTNV

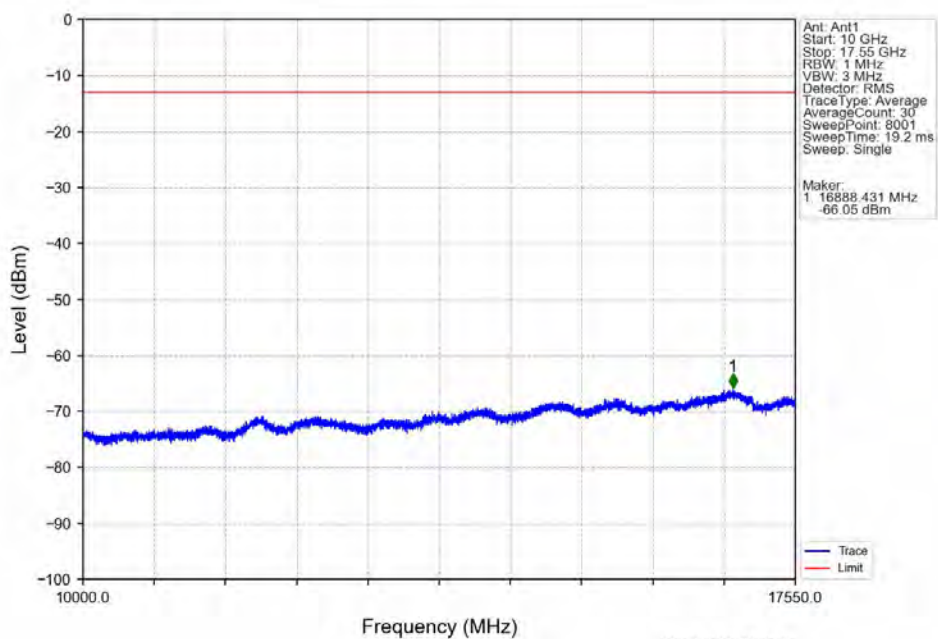


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-30.44	-13	Pass
1709	1710	0.051	/	2	1709.990	-32.75	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

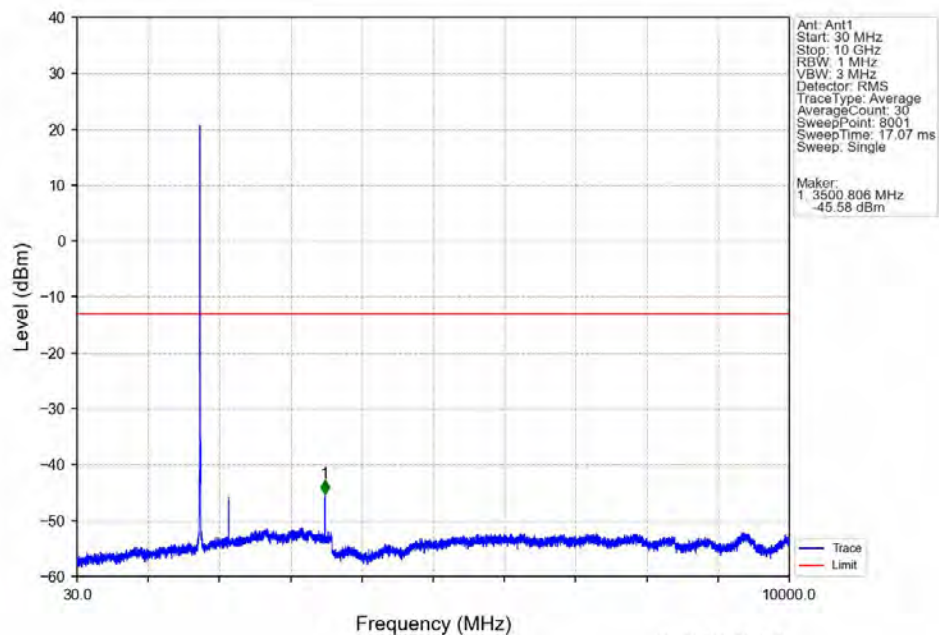
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



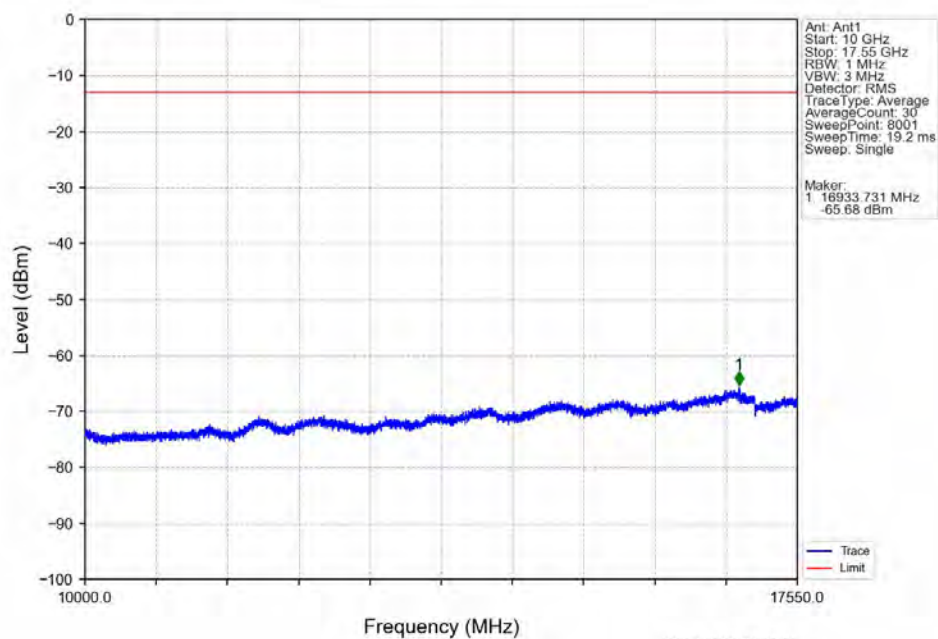
Band4_5MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



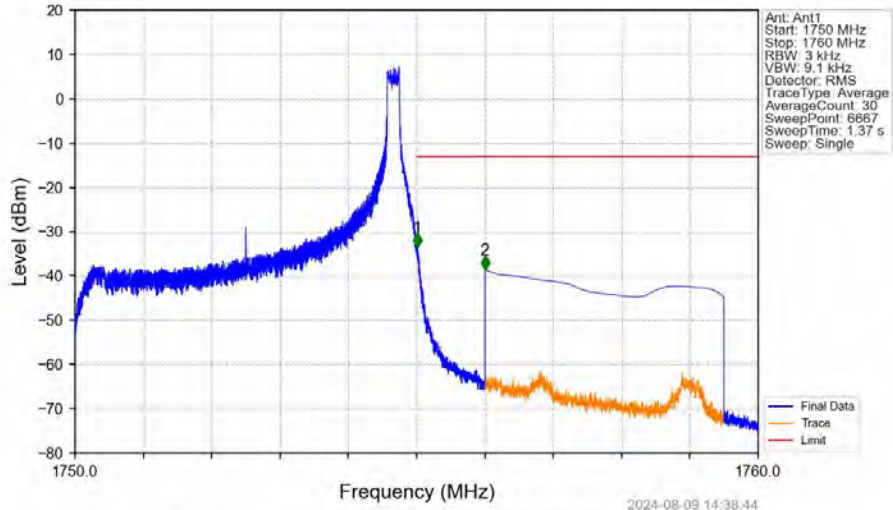
Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV



Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_0_NTNV

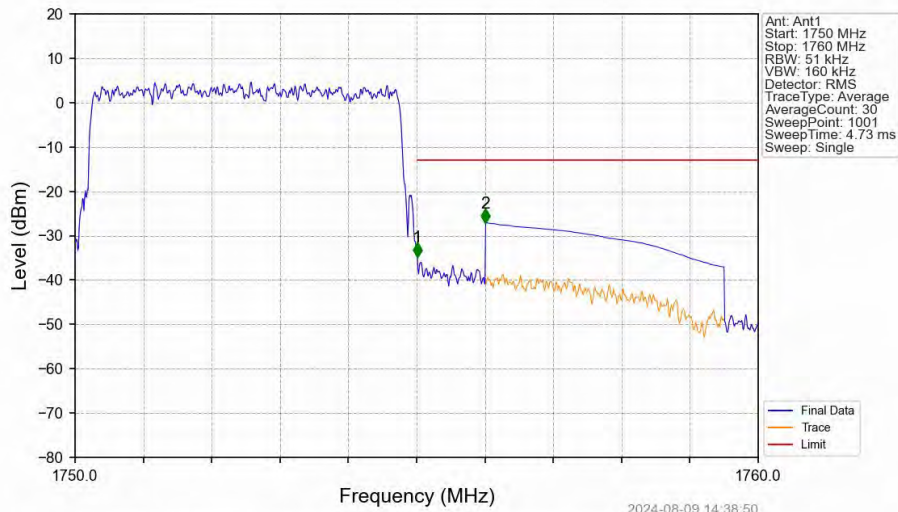


Band4_5MHz_QPSK_HCH_1752.5MHz_RB_1_24_NTNV



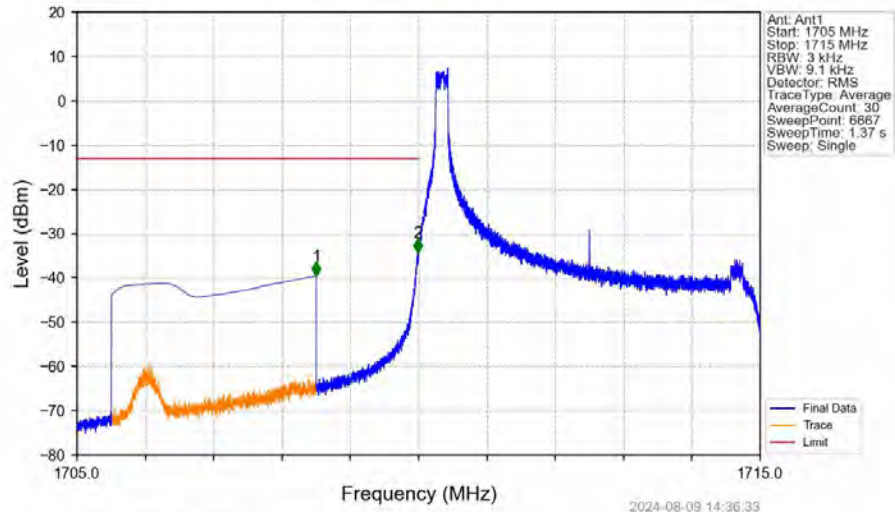
2024-08-09 14:38:44

Band4_5MHz_QPSK_HCH_1752.5MHz_RB_25_0_NTNV



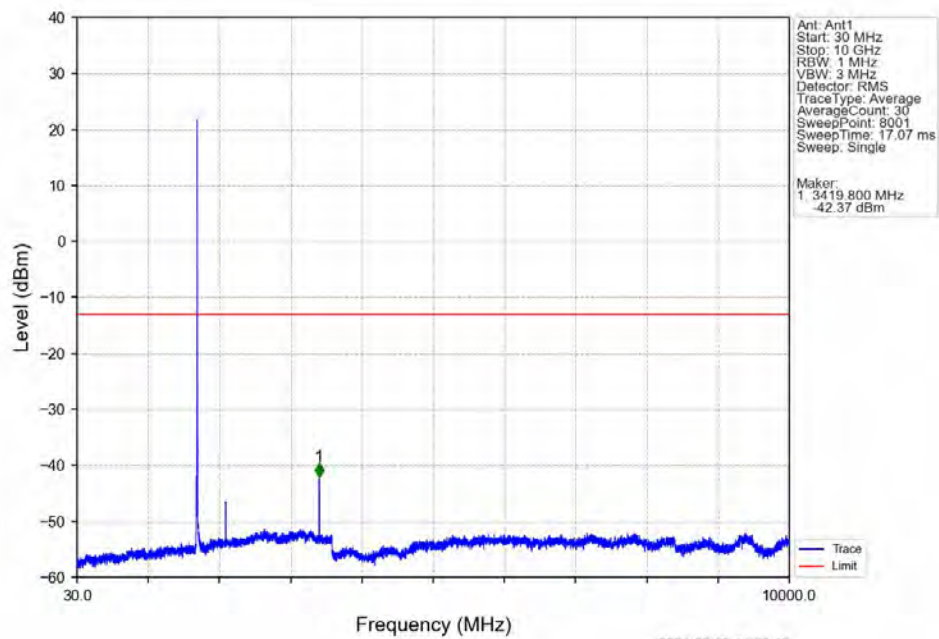
2024-08-09 14:38:50

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV



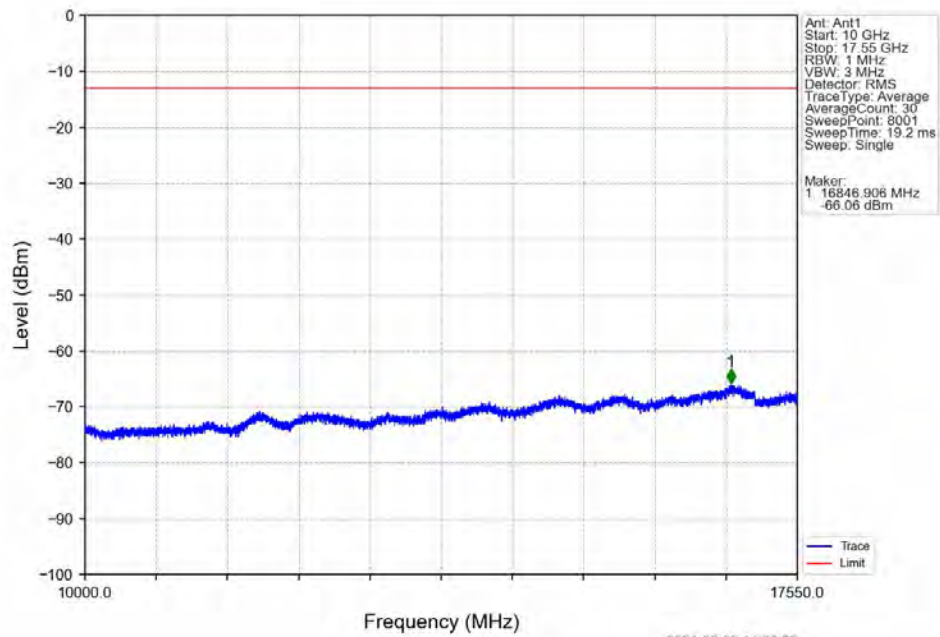
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Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

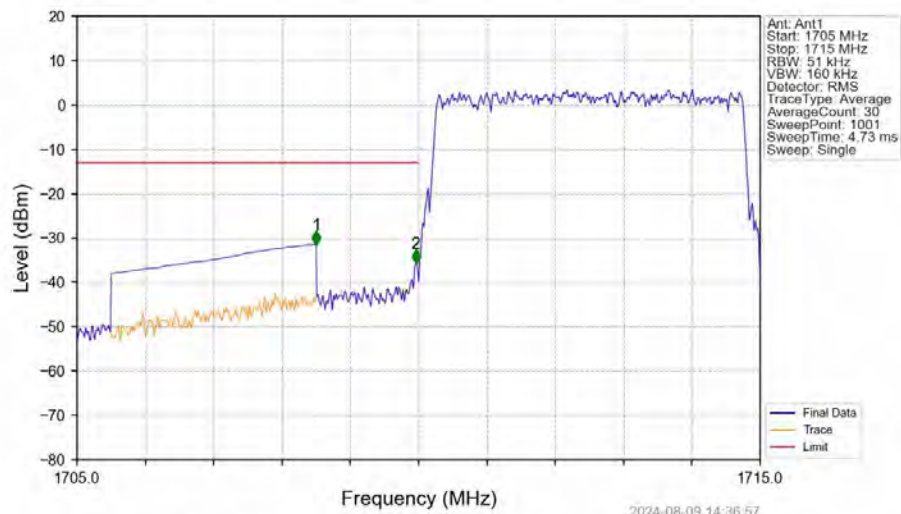


2024-08-09 14:36:42

Band4_5MHz_16QAM_LCH_1712.5MHz_RB_1_0_NTNV

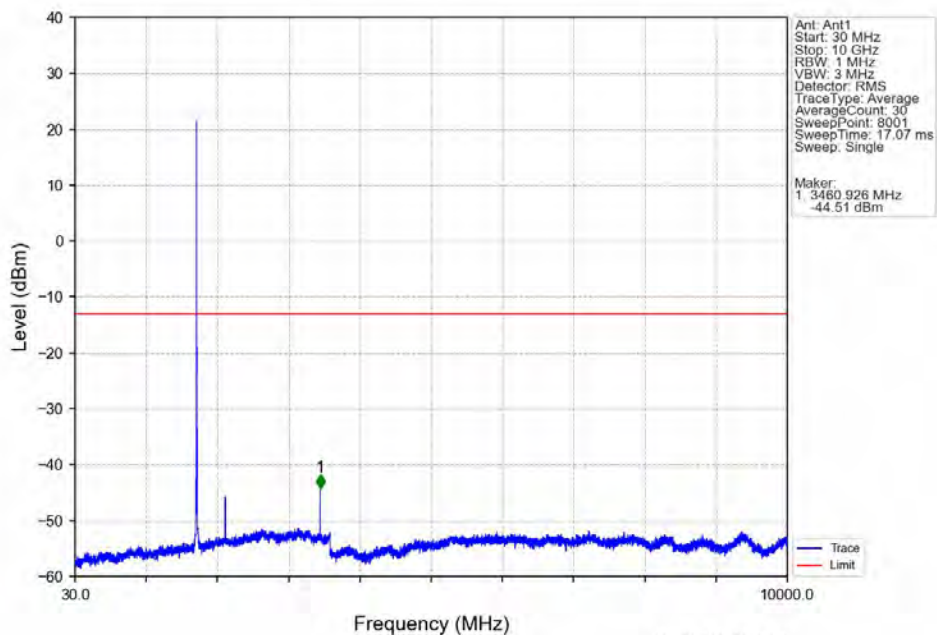


Band4_5MHz_16QAM_LCH_1712.5MHz_RB_25_0_NTNV

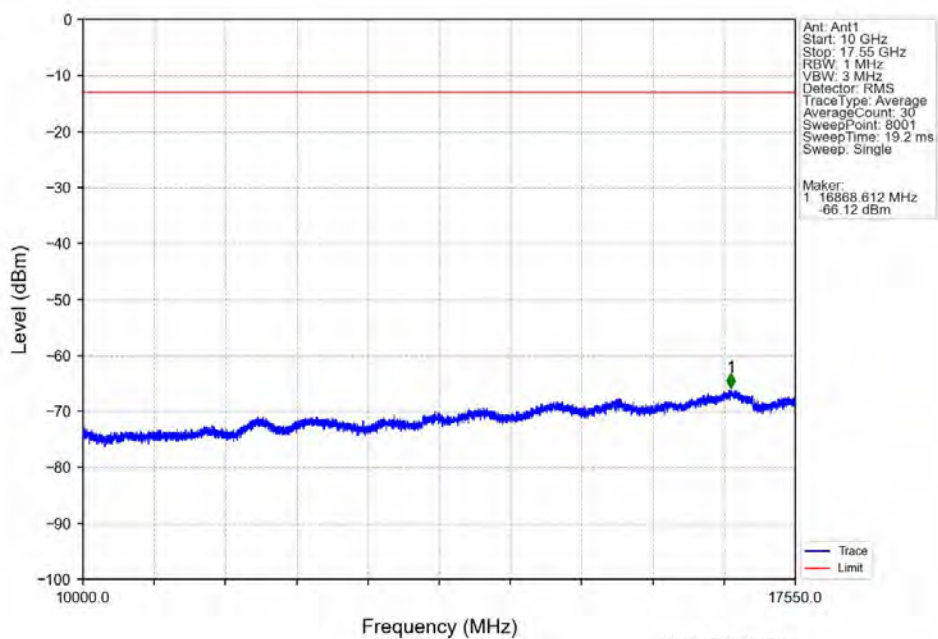


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1705	1709	1	CHP	1	1708.500	-31.42	-13	Pass
1709	1710	0.051	/	2	1709.960	-35.71	-13	Pass
1710	1715	0.051	/	/	/	/	/	/

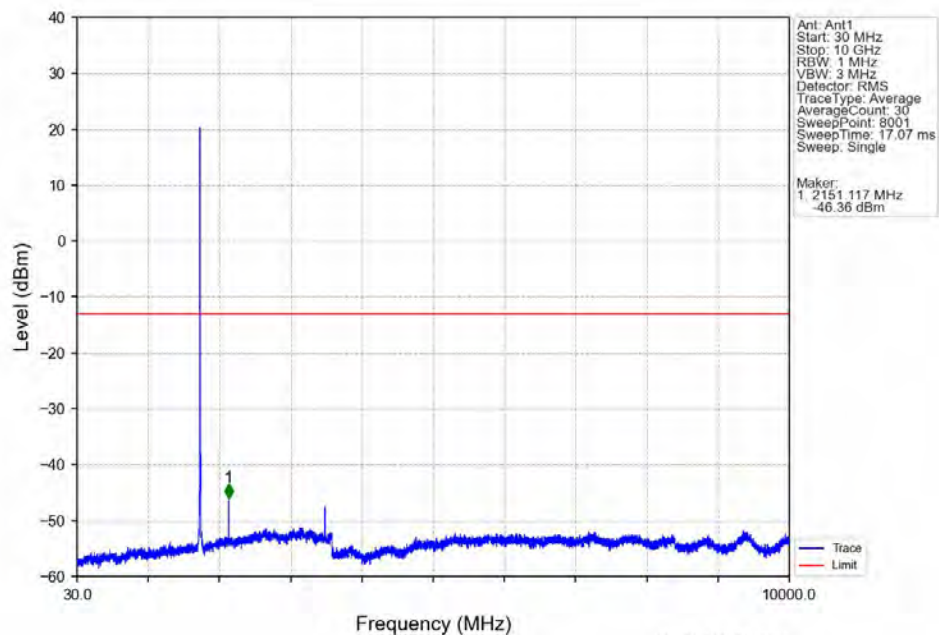
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



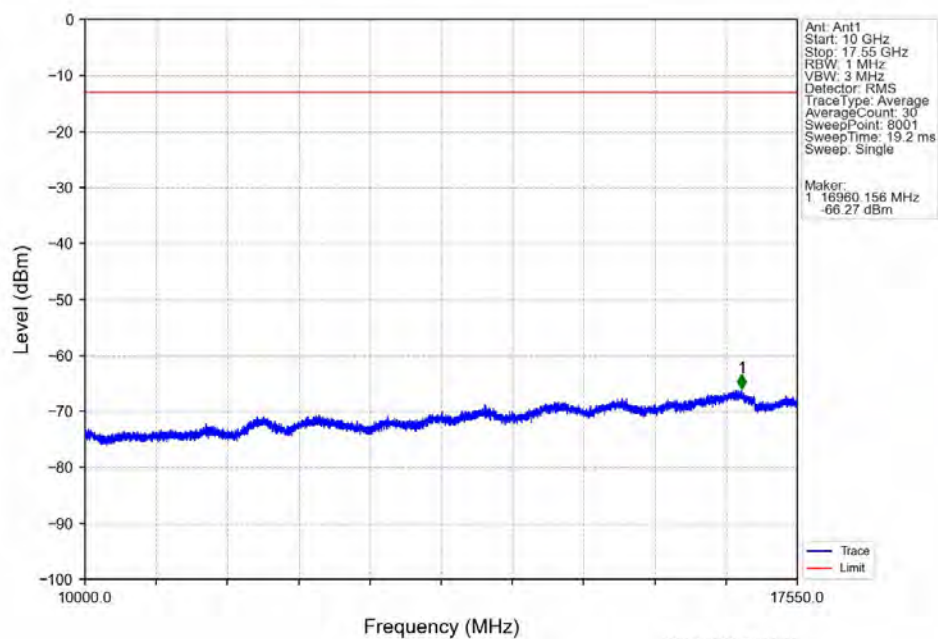
Band4_5MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



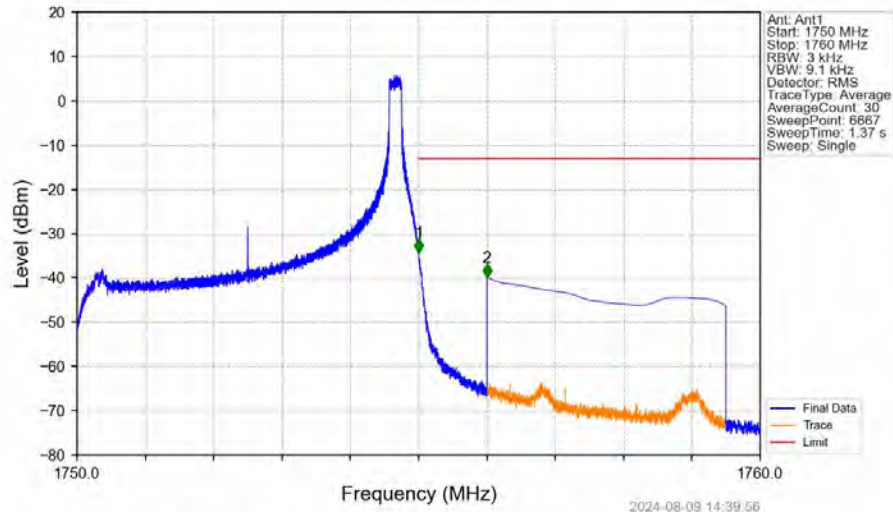
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



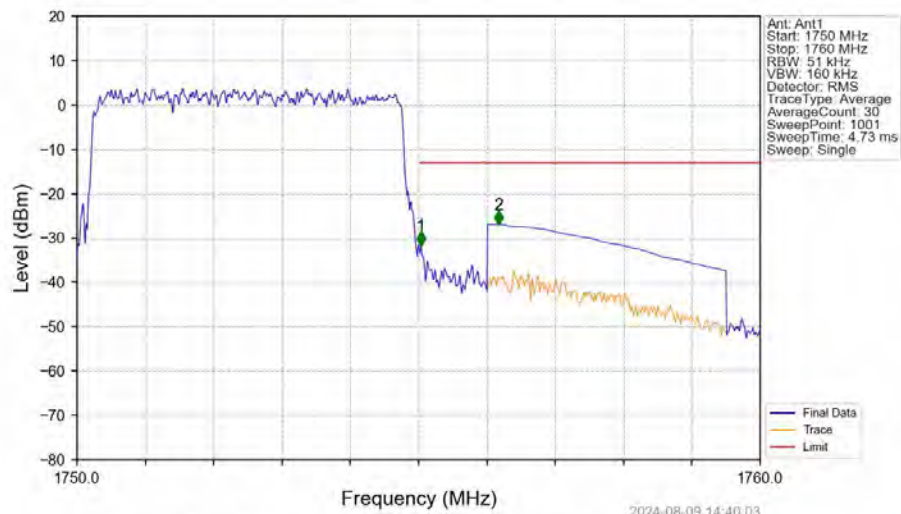
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_0_NTNV



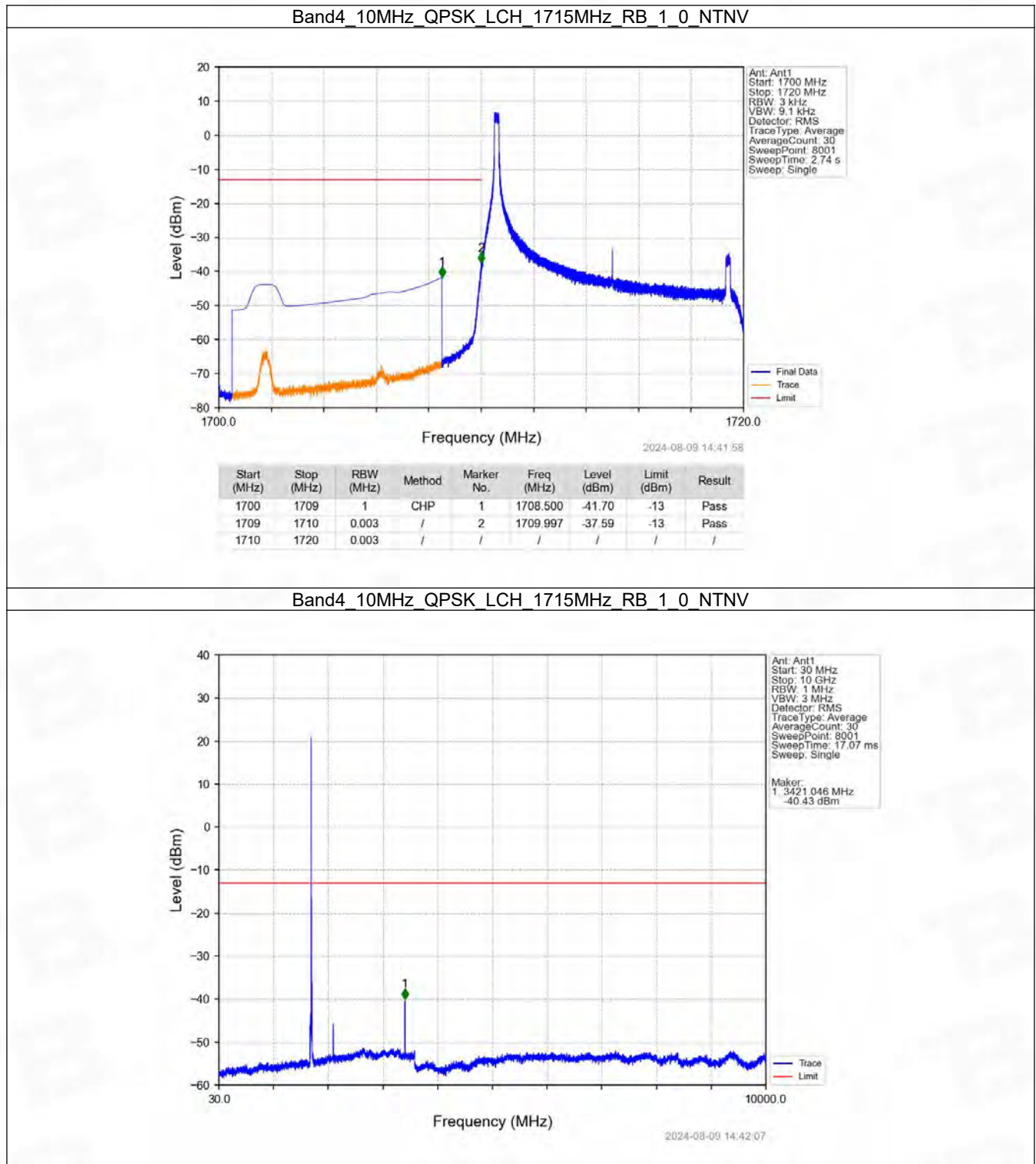
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_1_24_NTNV



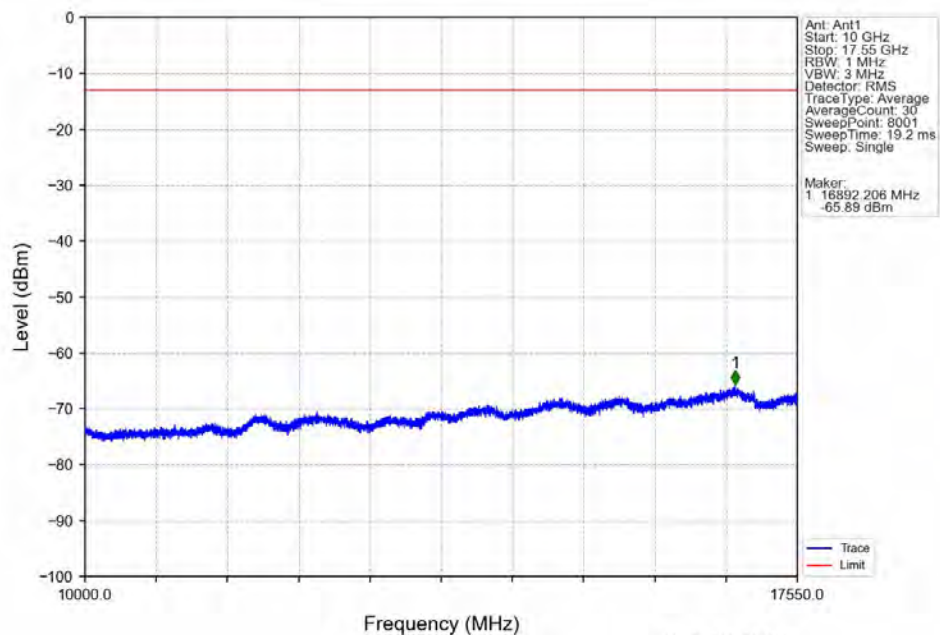
Band4_5MHz_16QAM_HCH_1752.5MHz_RB_25_0_NTNV



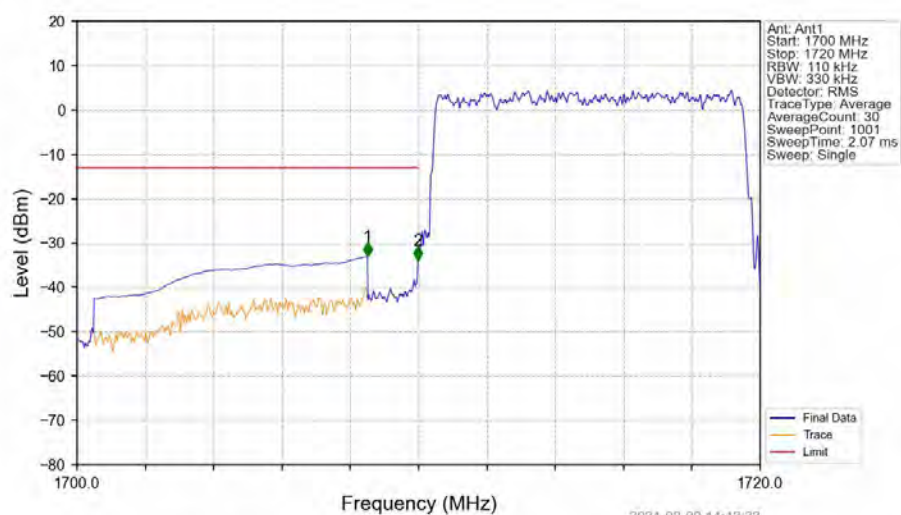
6.2.4 B4_10MHz



Band4_10MHz_QPSK_LCH_1715MHz_RB_1_0_NTNV

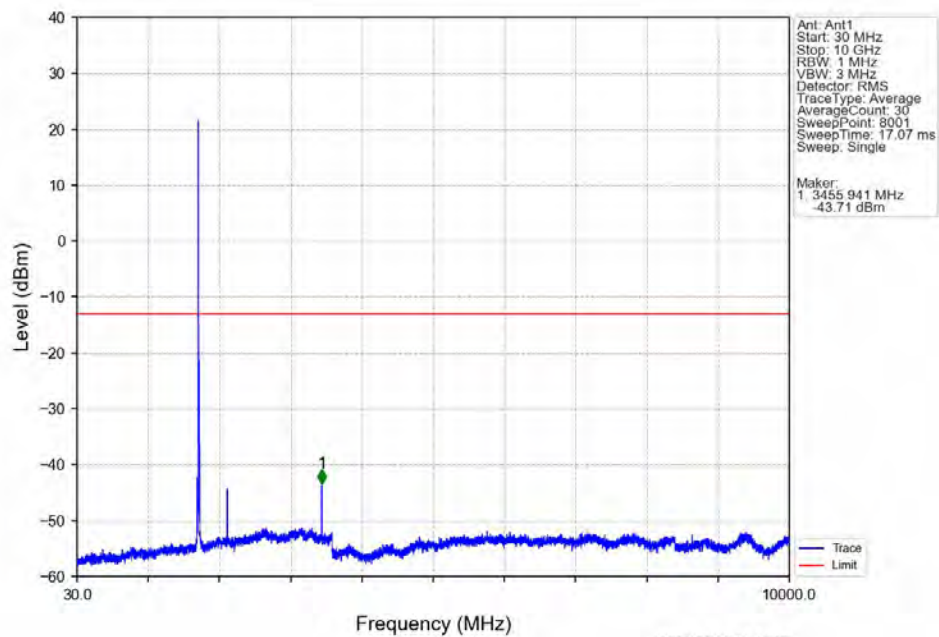


Band4_10MHz_QPSK_LCH_1715MHz_RB_50_0_NTNV

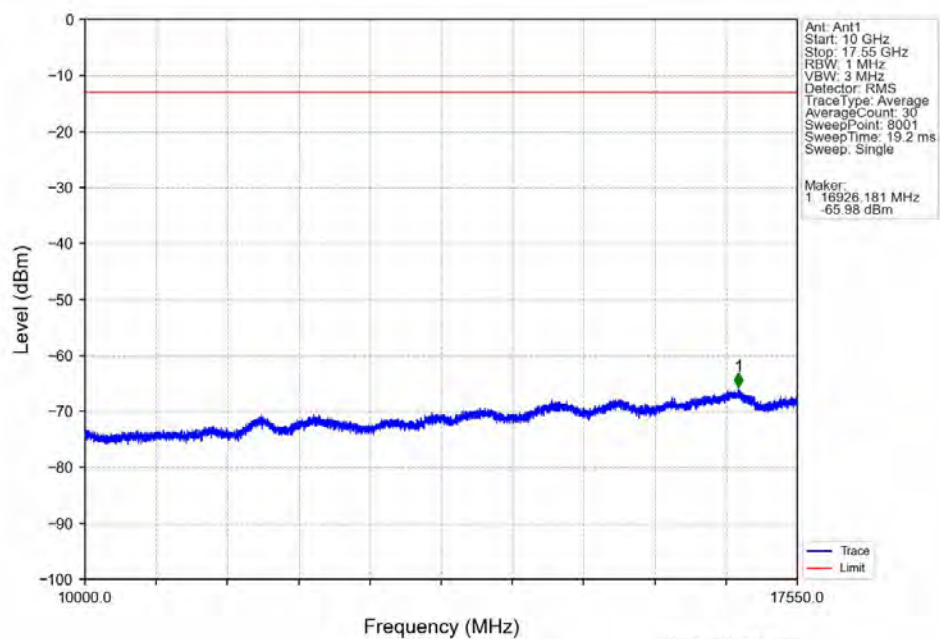


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-33.03	-13	Pass
1709	1710	0.11	/	2	1709.980	-33.89	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

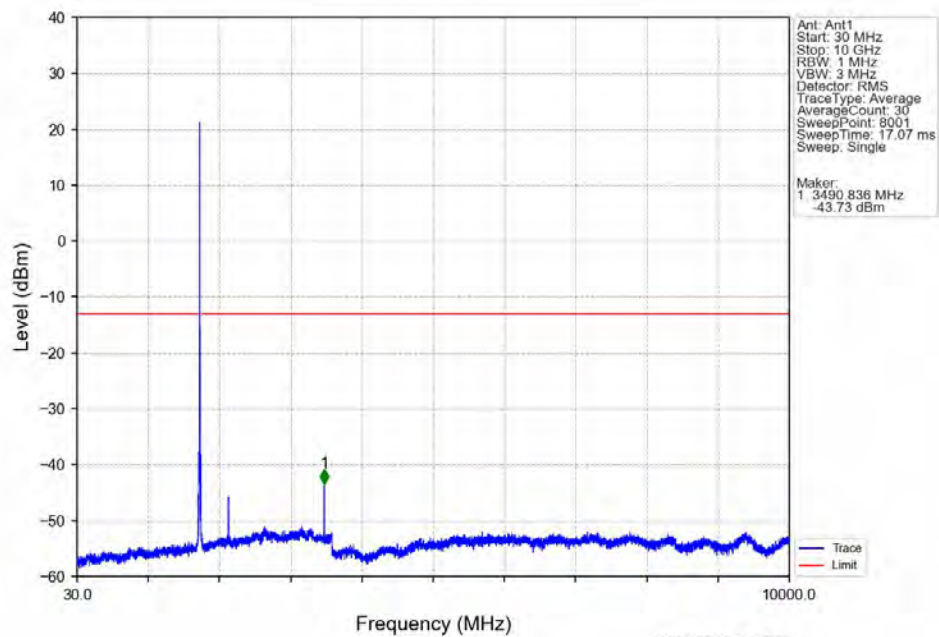
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



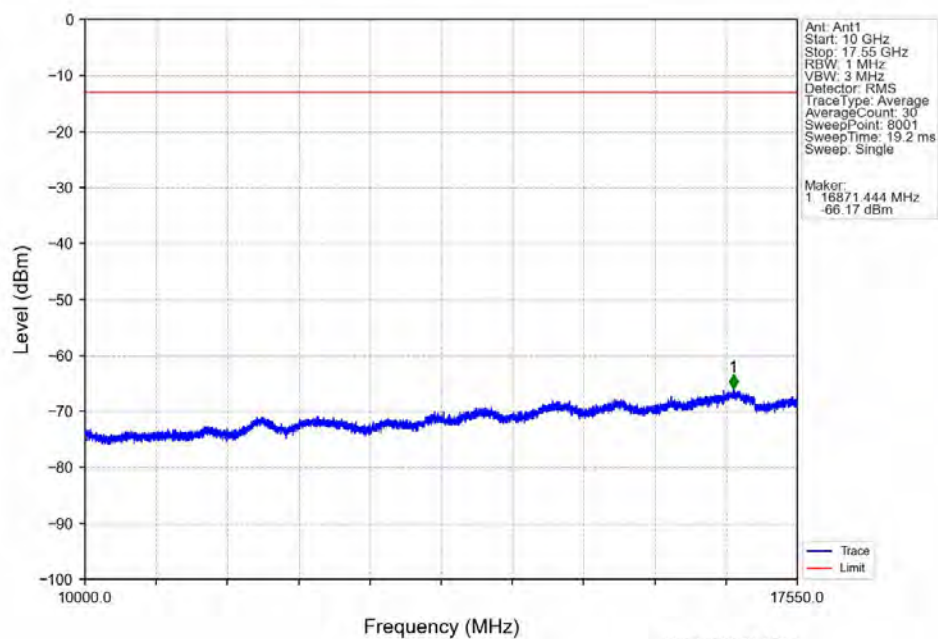
Band4_10MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



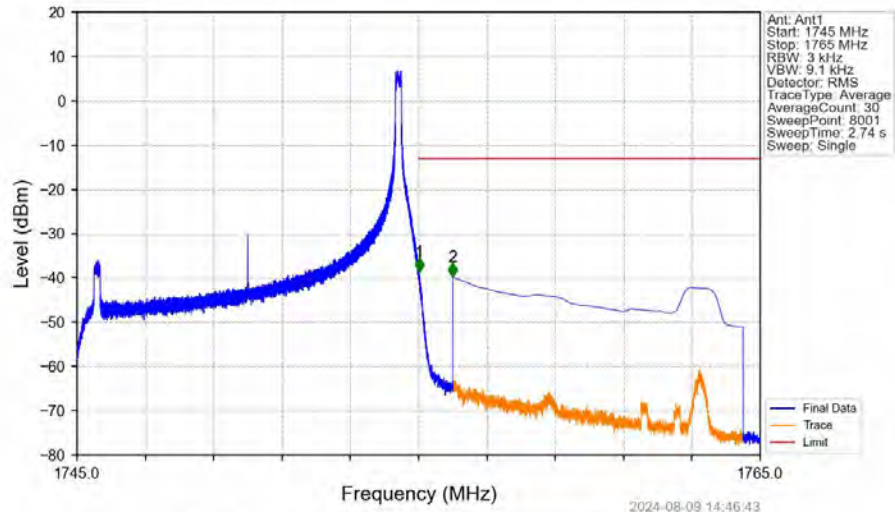
Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_QPSK_HCH_1750MHz_RB_1_0_NTNV

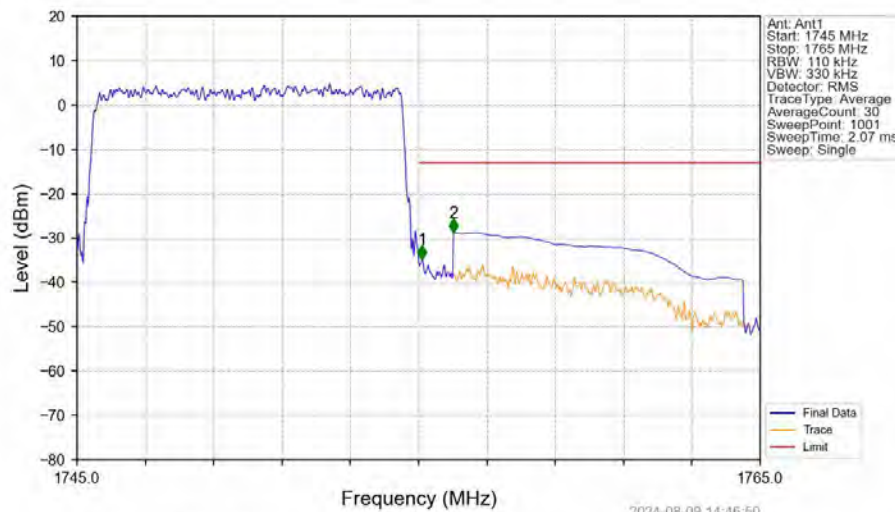


Band4_10MHz_QPSK_HCH_1750MHz_RB_1_49_NTNV



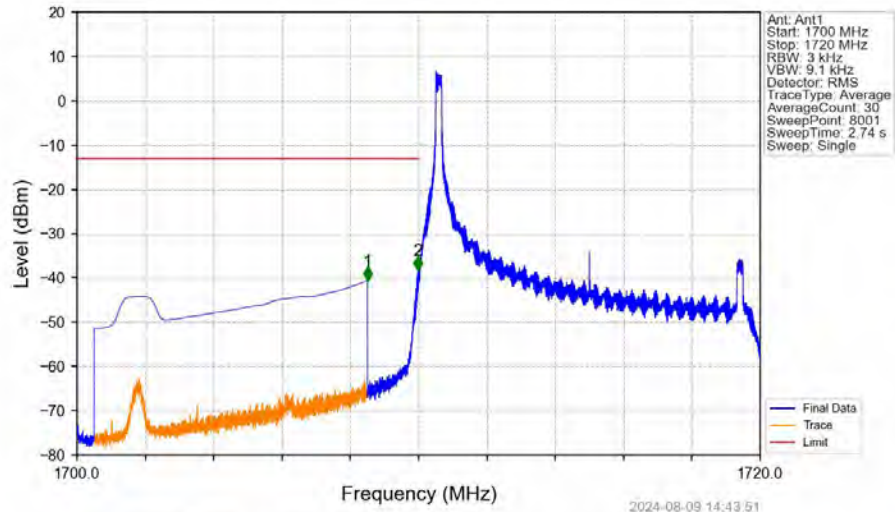
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Band4_10MHz_QPSK_HCH_1750MHz_RB_50_0_NTNV



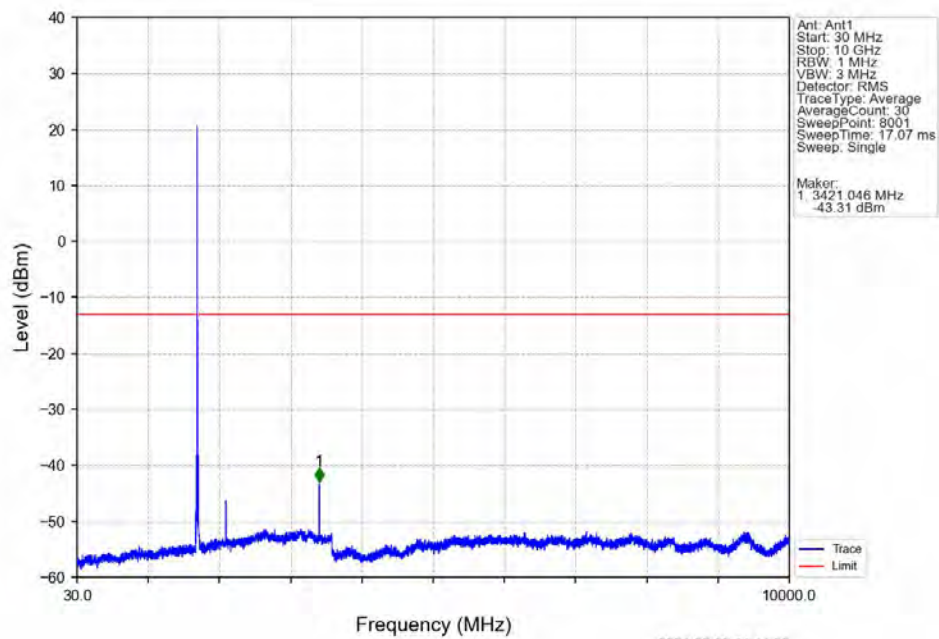
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Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV



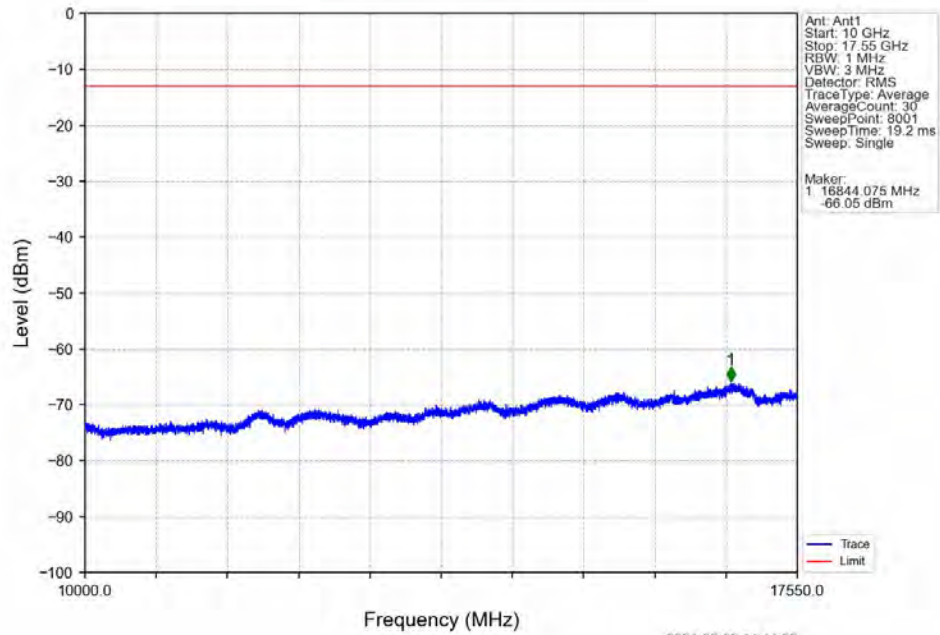
Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.500	-40.62	-13	Pass
1709	1710	0.003	/	2	1709.985	-38.20	-13	Pass
1710	1720	0.003	/	/	/	/	/	/

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

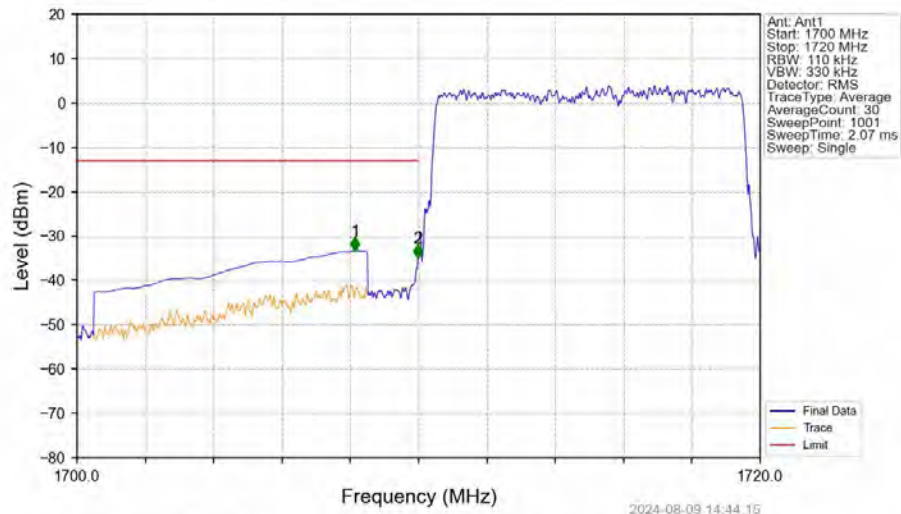


2024-08-09 14:44:00

Band4_10MHz_16QAM_LCH_1715MHz_RB_1_0_NTNV

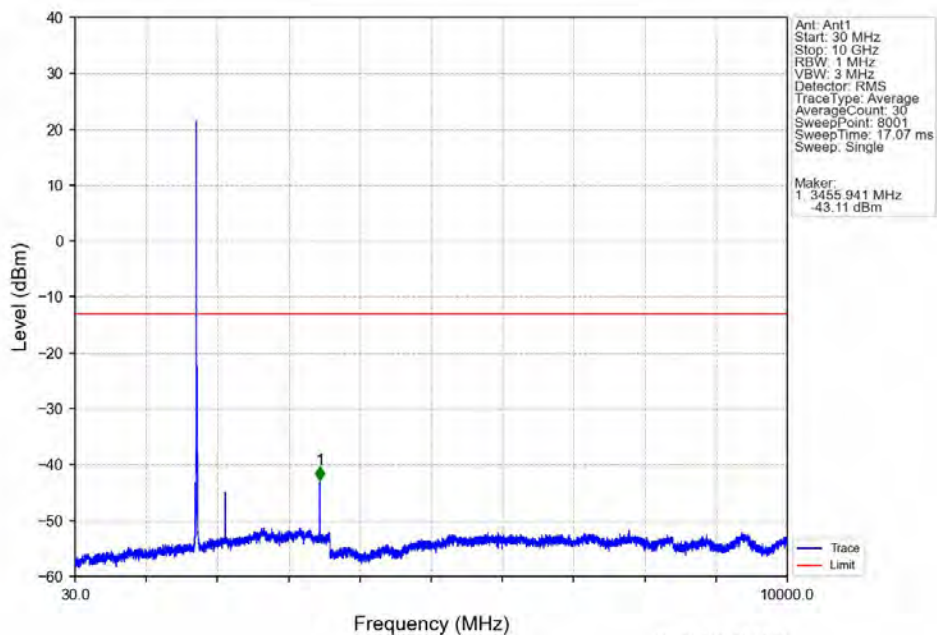


Band4_10MHz_16QAM_LCH_1715MHz_RB_50_0_NTNV

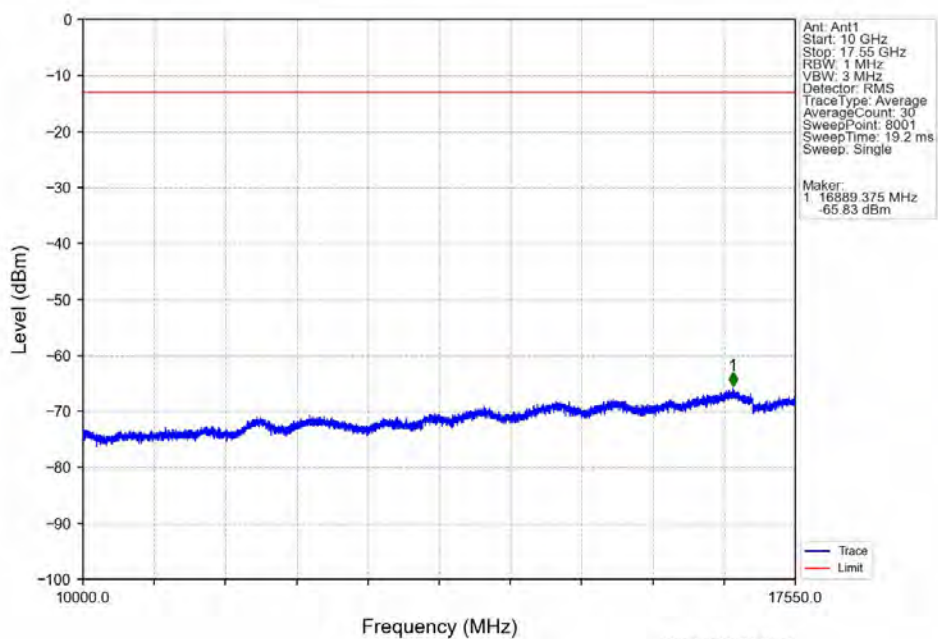


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1700	1709	1	CHP	1	1708.140	-33.33	-13	Pass
1709	1710	0.11	/	2	1709.980	-35.03	-13	Pass
1710	1720	0.11	/	/	/	/	/	/

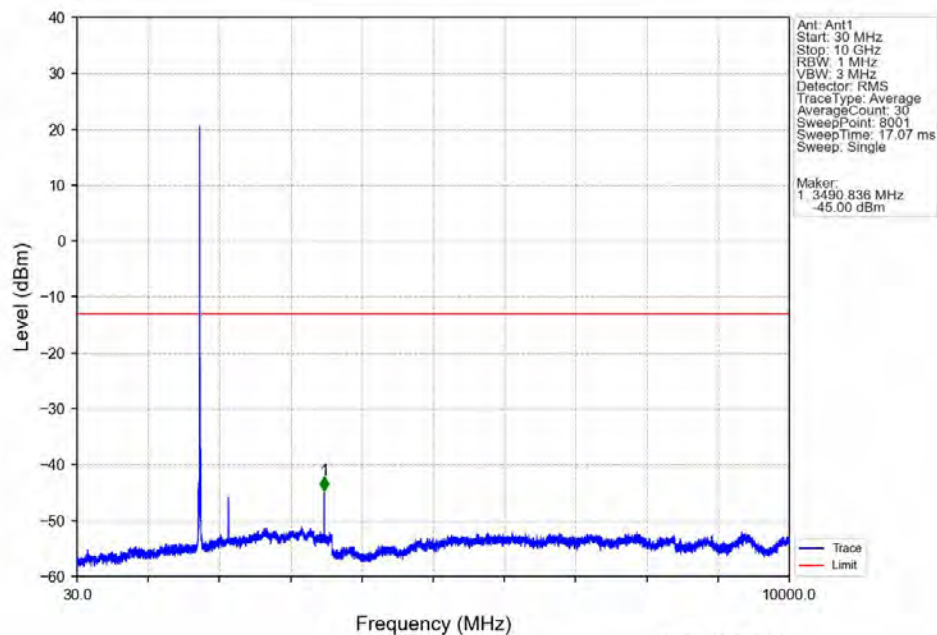
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



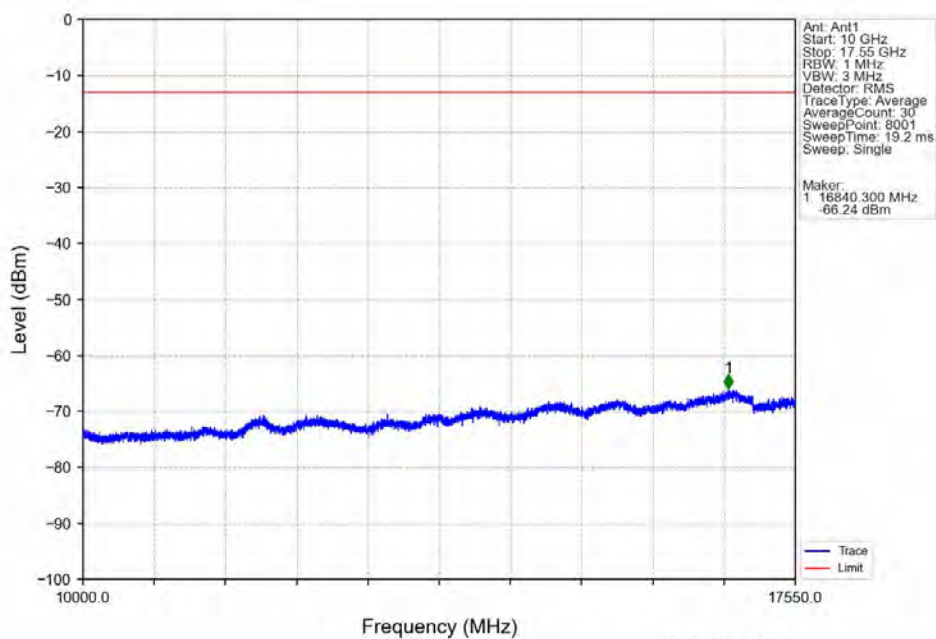
Band4_10MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



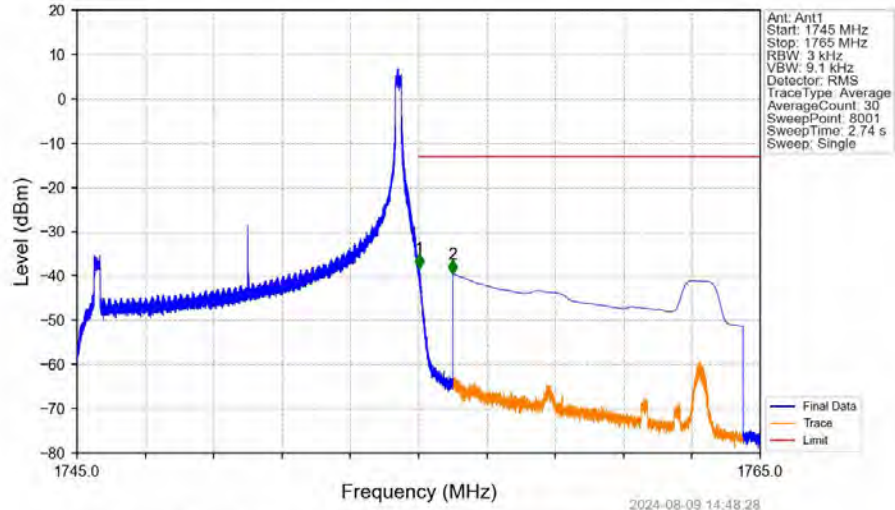
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



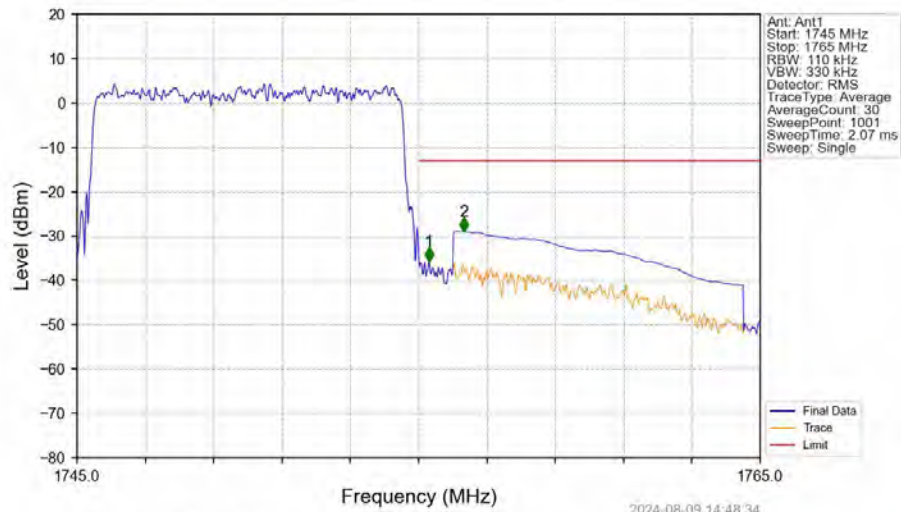
Band4_10MHz_16QAM_HCH_1750MHz_RB_1_0_NTNV



Band4_10MHz_16QAM_HCH_1750MHz_RB_1_49_NTNV

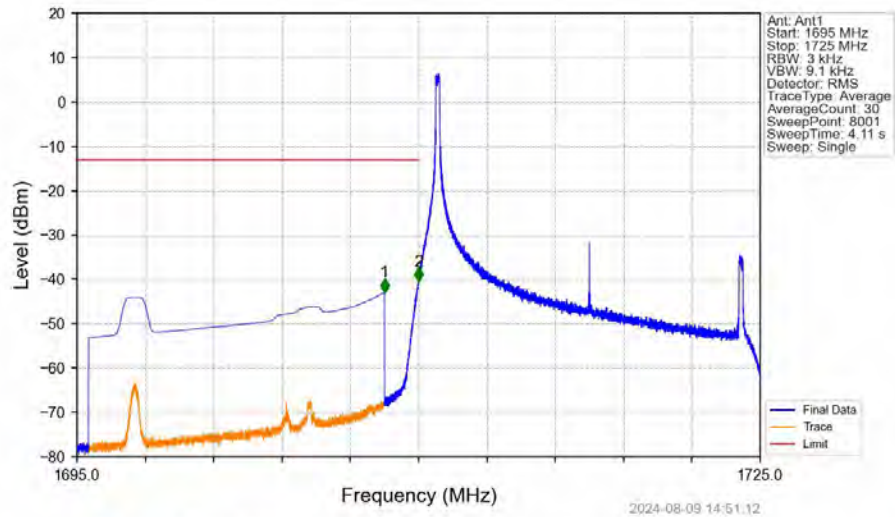


Band4_10MHz_16QAM_HCH_1750MHz_RB_50_0_NTNV

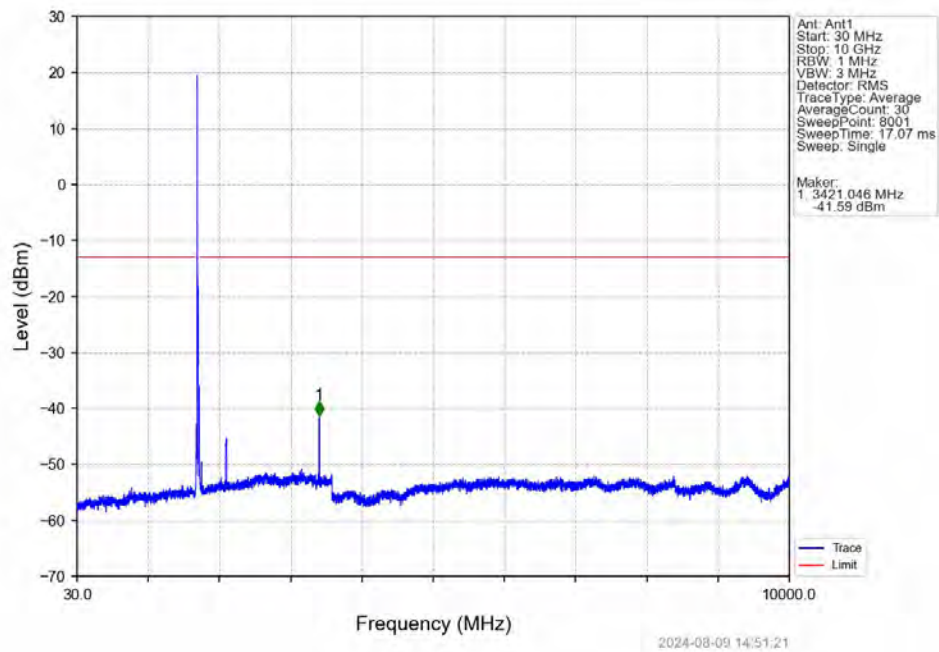


6.2.5 B4_15MHz

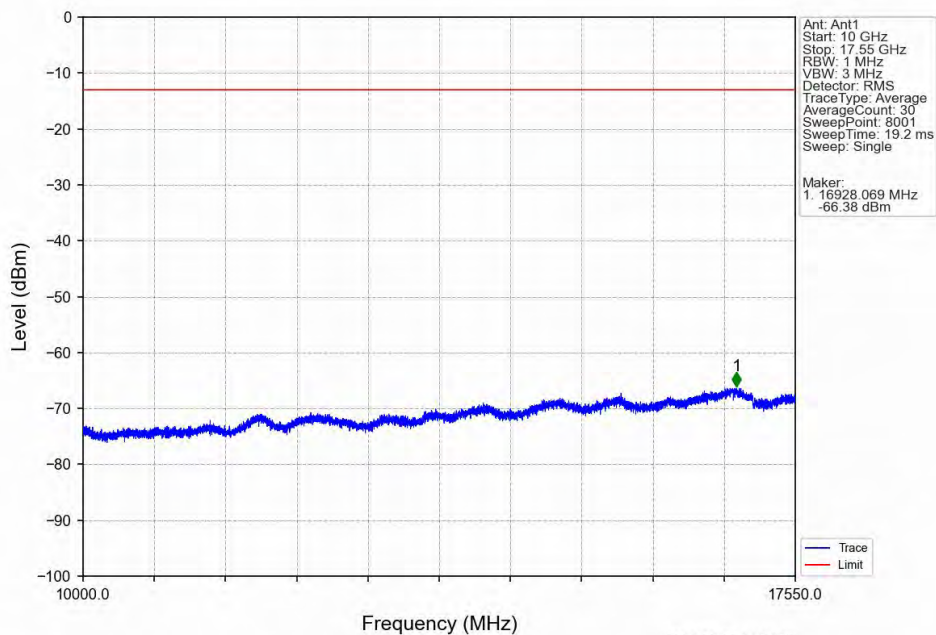
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



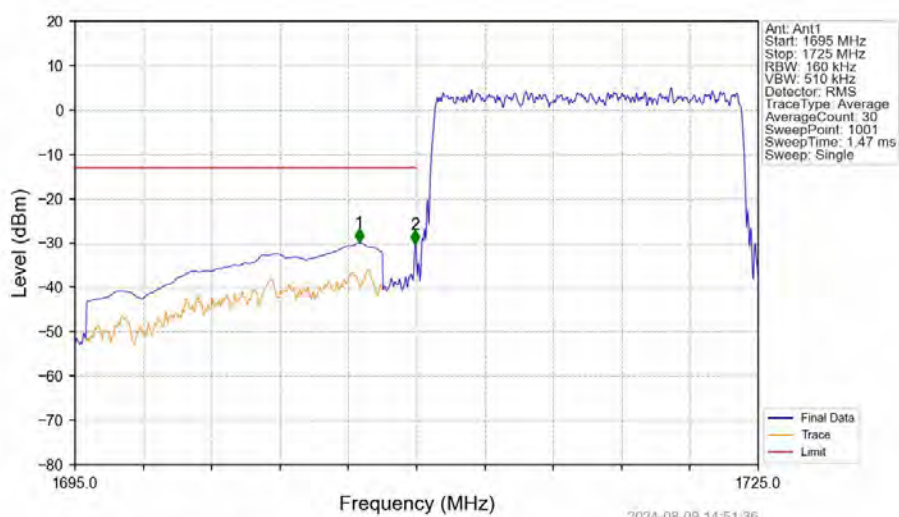
Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_QPSK_LCH_1717.5MHz_RB_1_0_NTNV

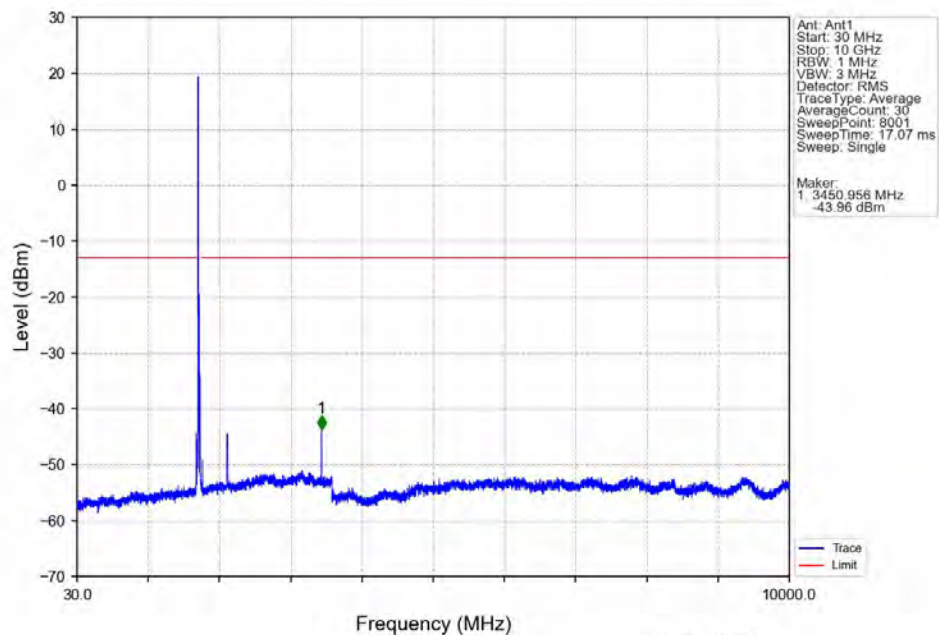


Band4_15MHz_QPSK_LCH_1717.5MHz_RB_75_0_NTNV

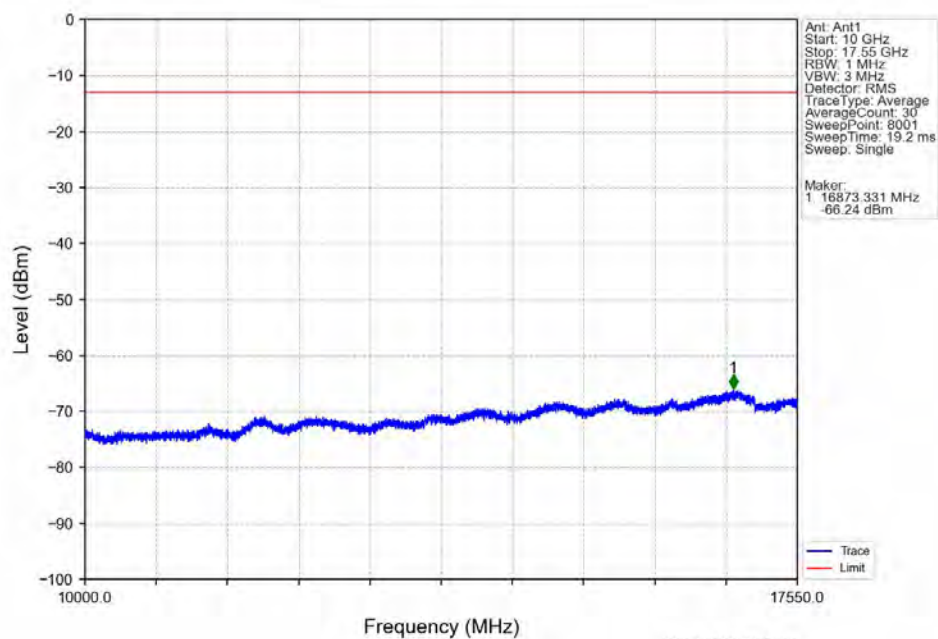


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1707.480	-29.91	-13	Pass
1709	1710	0.16	/	2	1709.940	-30.22	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

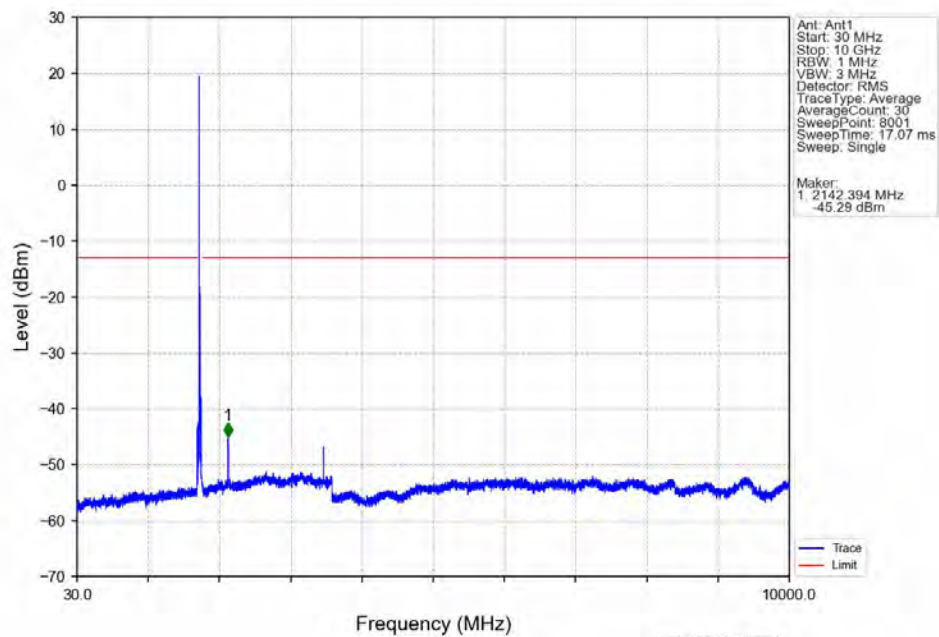
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



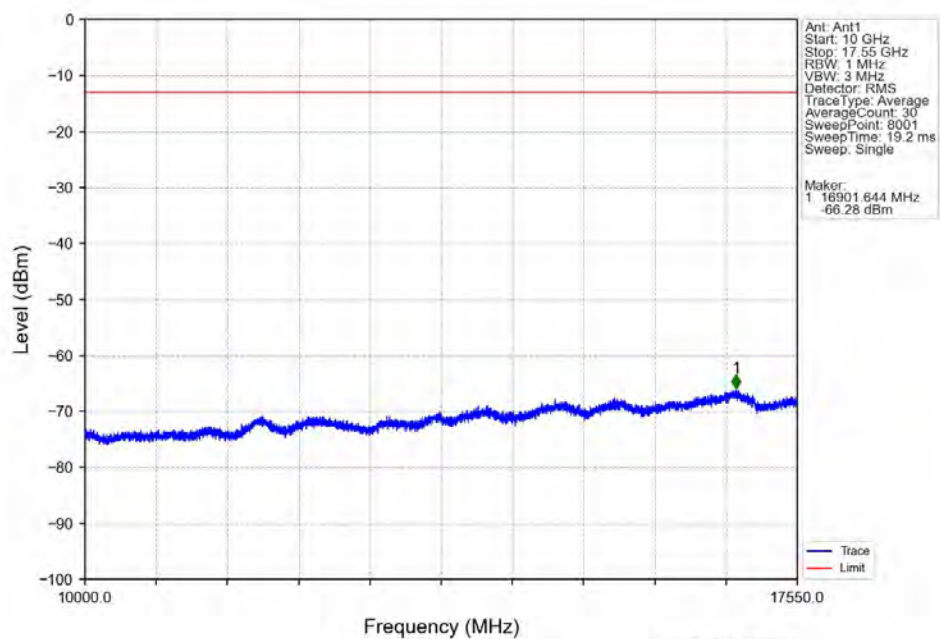
Band4_15MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



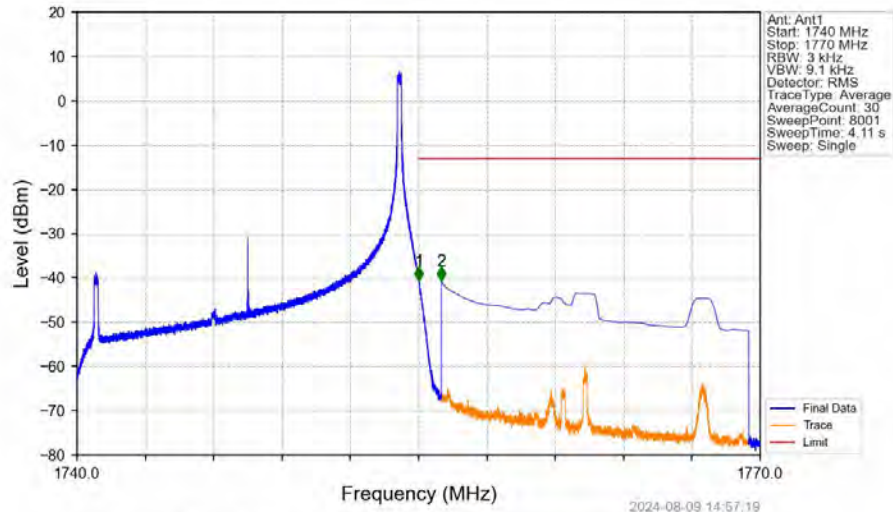
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



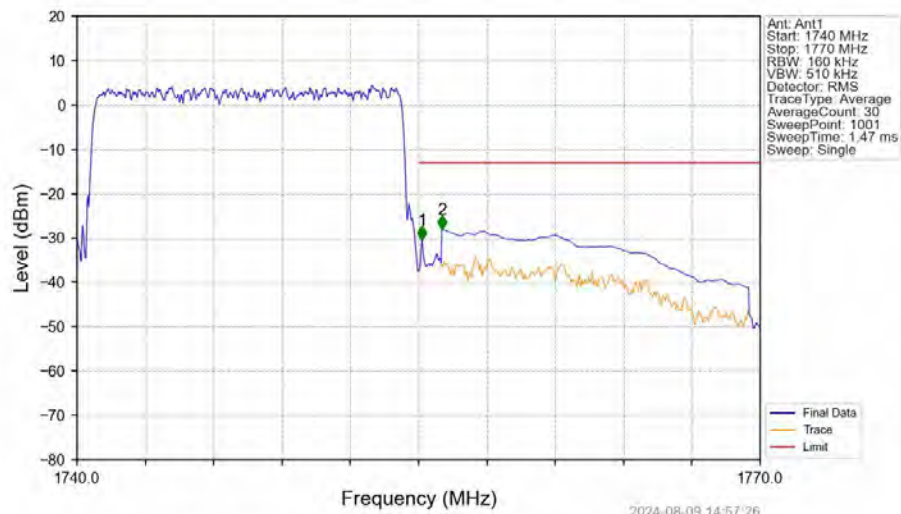
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_0_NTNV



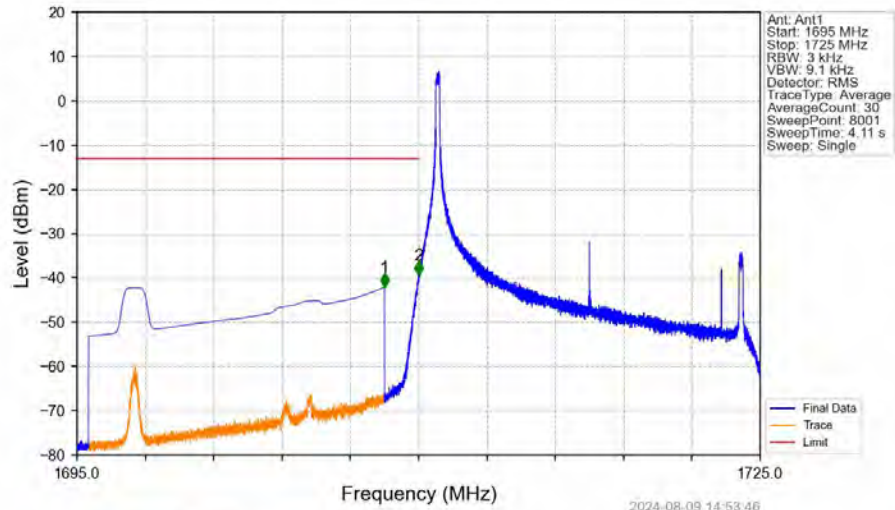
Band4_15MHz_QPSK_HCH_1747.5MHz_RB_1_74_NTNV



Band4_15MHz_QPSK_HCH_1747.5MHz_RB_75_0_NTNV

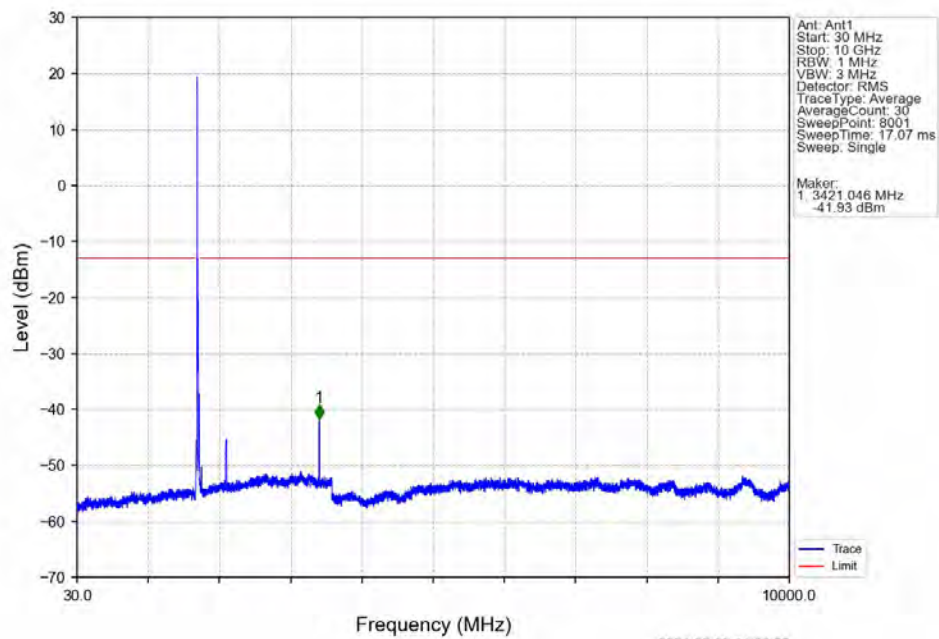


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

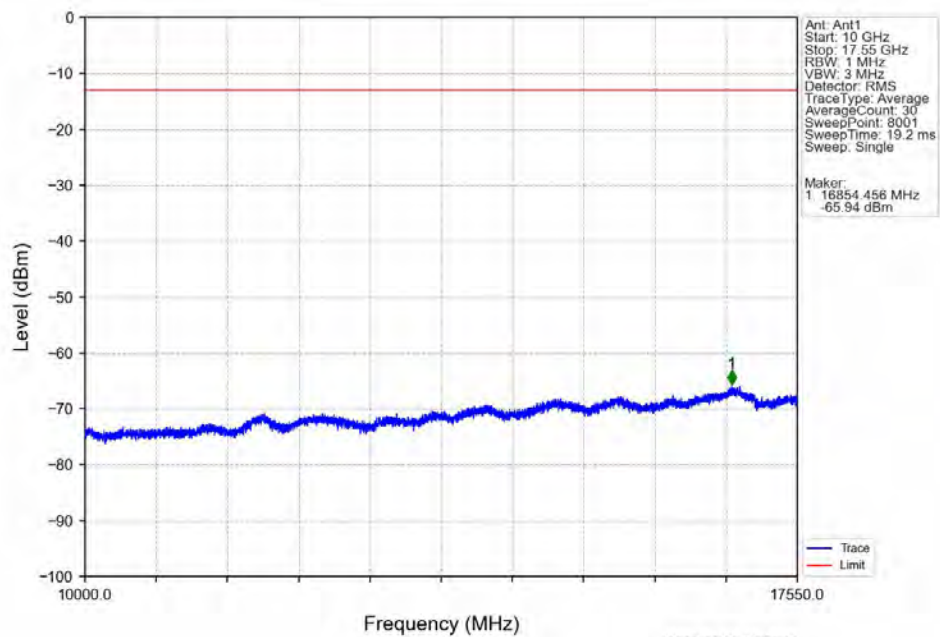


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.500	-41.99	-13	Pass
1709	1710	0.003	/	2	1709.996	-39.27	-13	Pass
1710	1725	0.003	/	/	/	/	/	/

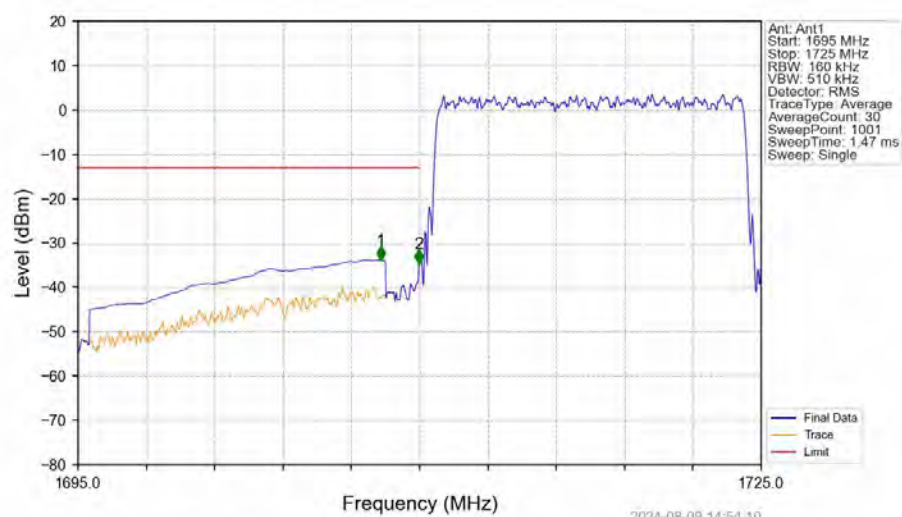
Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_LCH_1717.5MHz_RB_1_0_NTNV

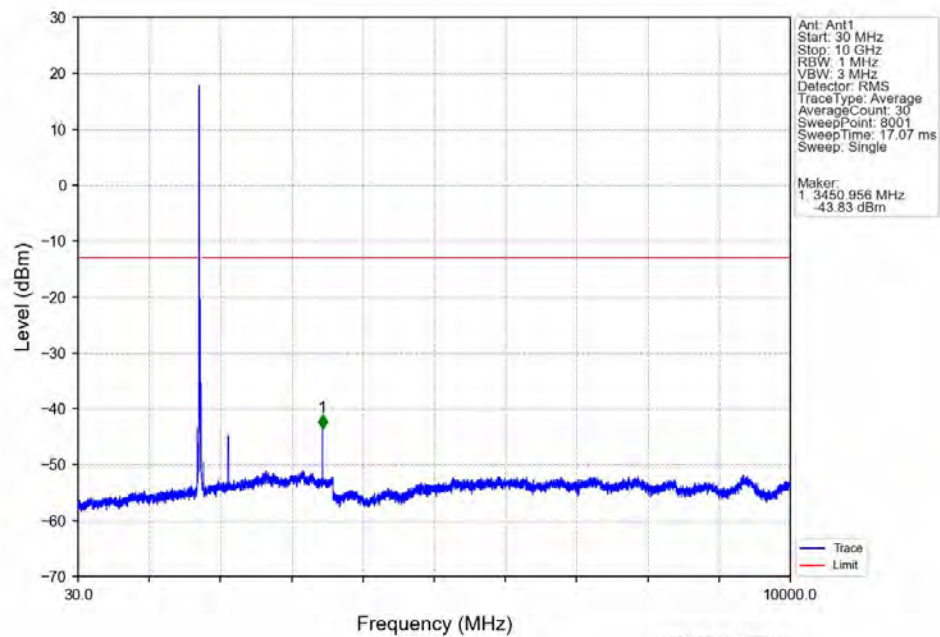


Band4_15MHz_16QAM_LCH_1717.5MHz_RB_75_0_NTNV

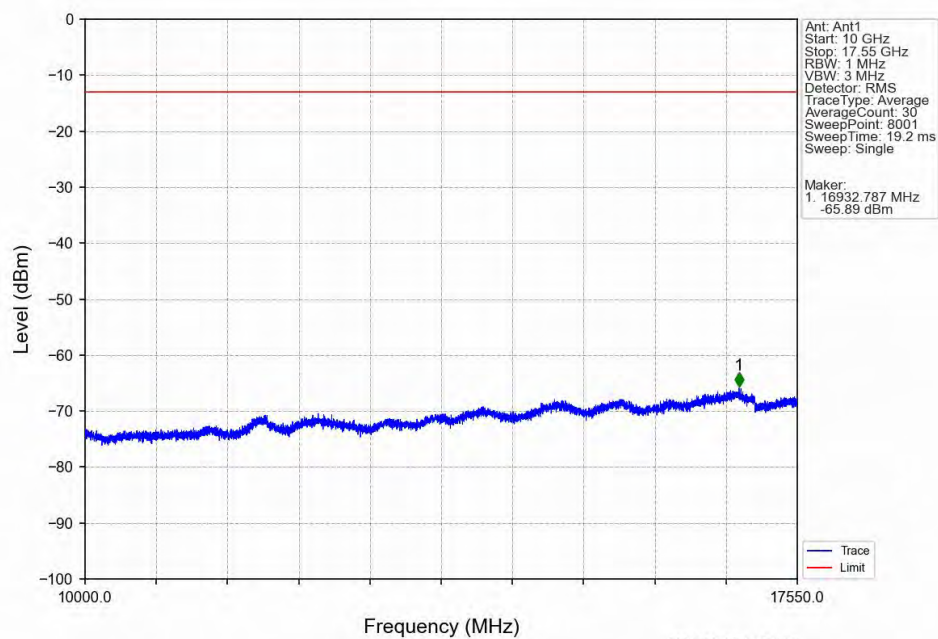


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1695	1709	1	CHP	1	1708.290	-33.80	-13	Pass
1709	1710	0.16	/	2	1709.970	-34.65	-13	Pass
1710	1725	0.16	/	/	/	/	/	/

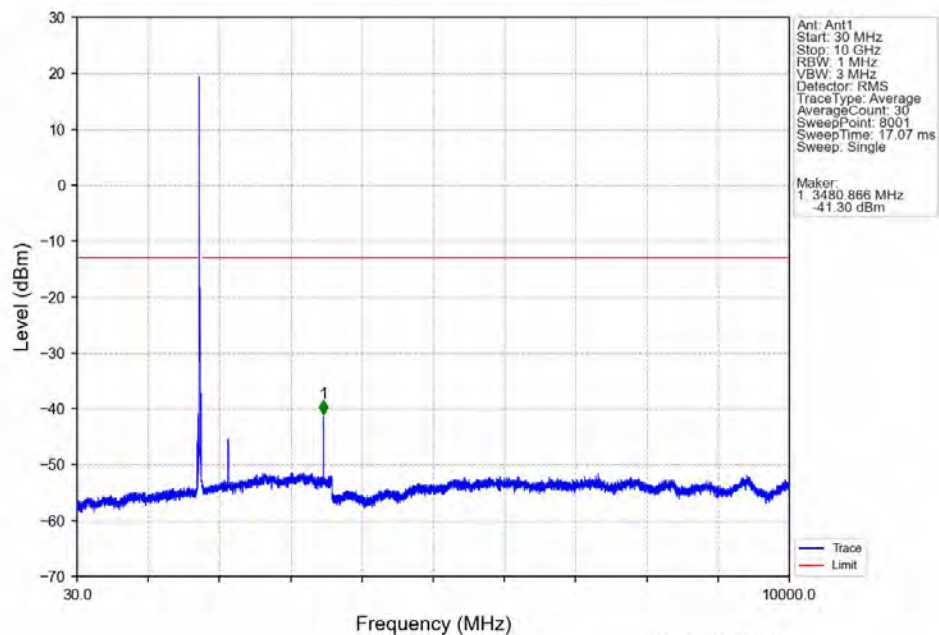
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



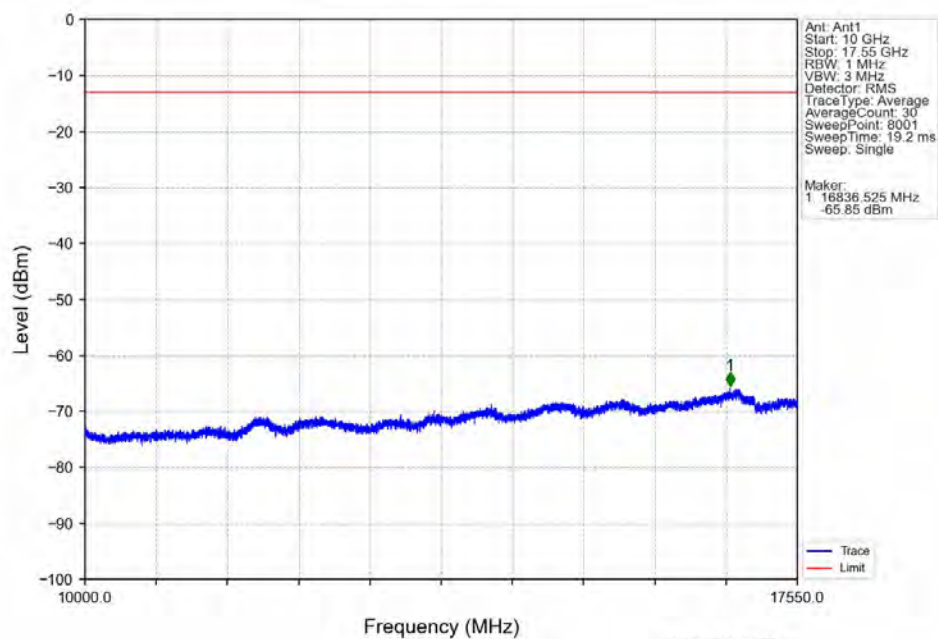
Band4_15MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



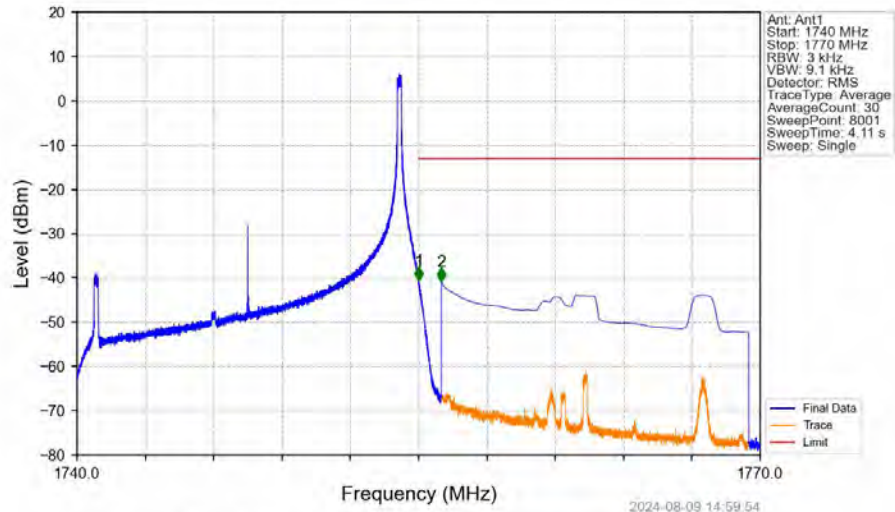
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



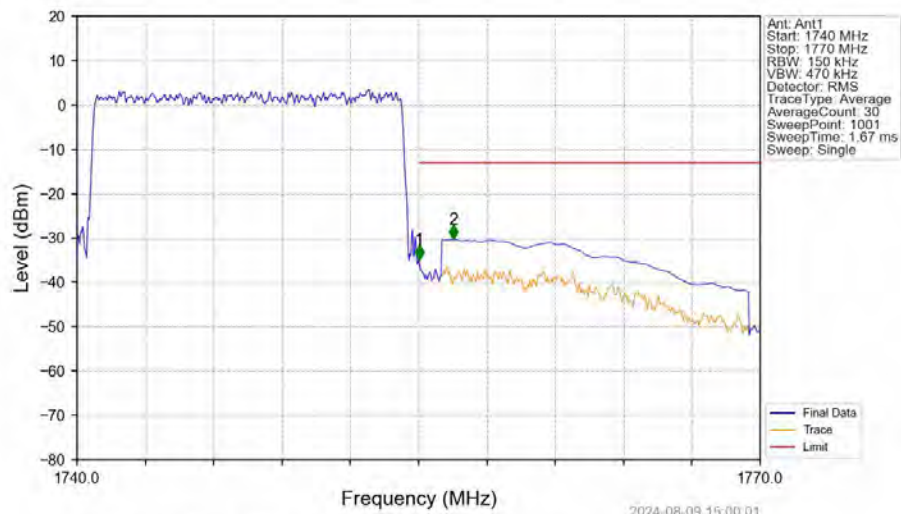
Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_0_NTNV



Band4_15MHz_16QAM_HCH_1747.5MHz_RB_1_74_NTNV

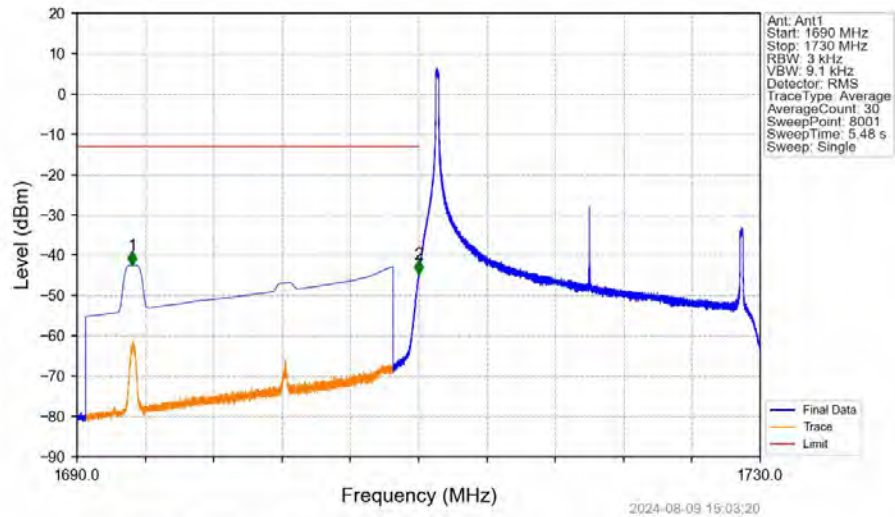


Band4_15MHz_16QAM_HCH_1747.5MHz_RB_75_0_NTNV

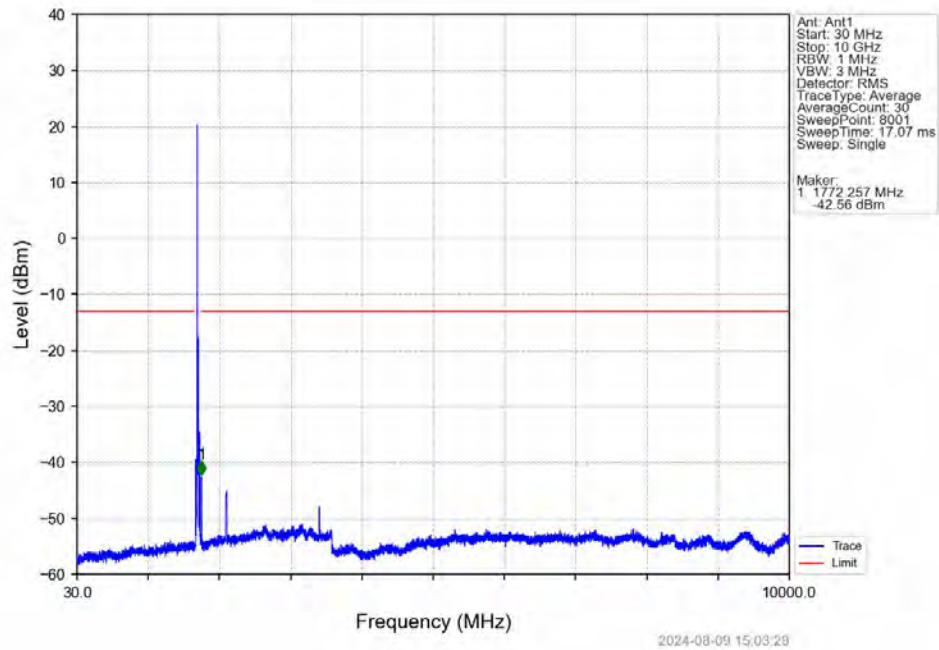


6.2.6 B4_20MHz

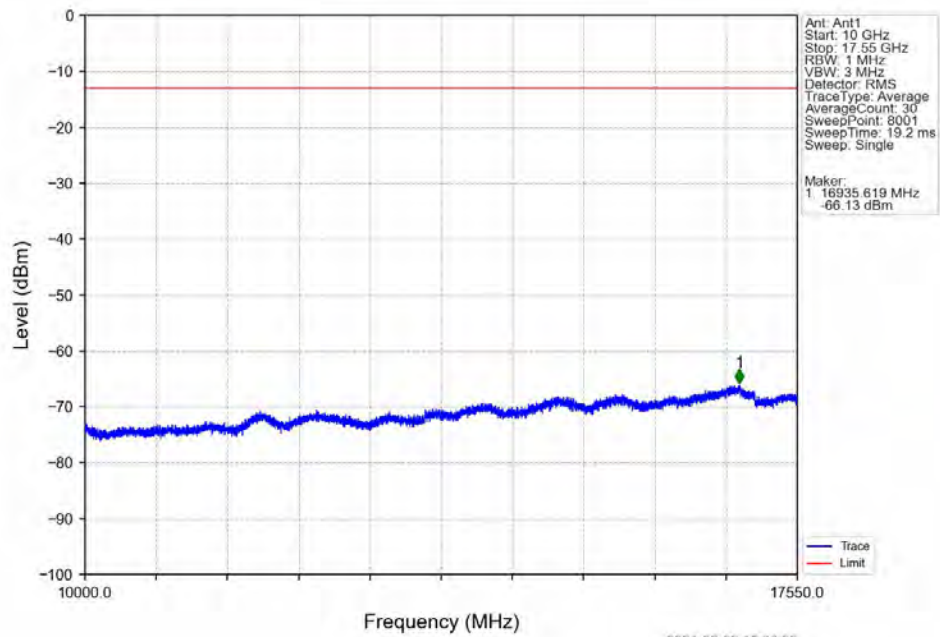
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



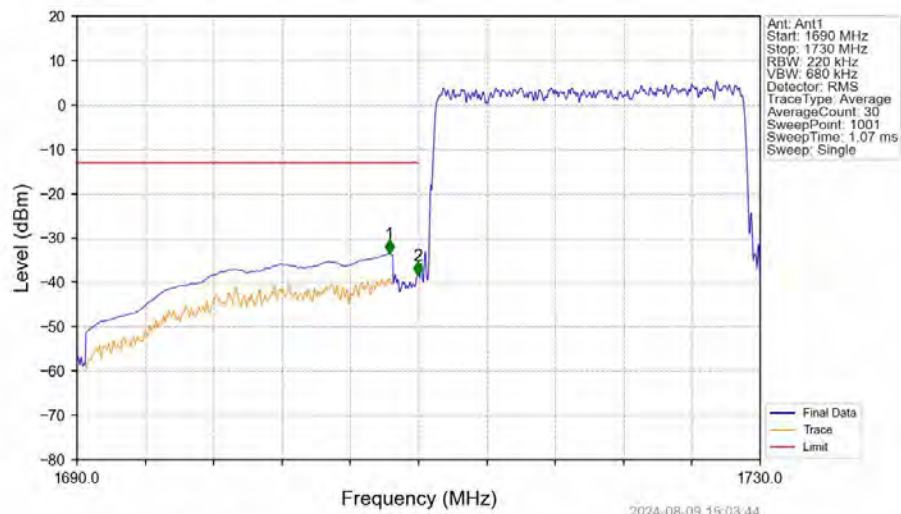
Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_QPSK_LCH_1720MHz_RB_1_0_NTNV

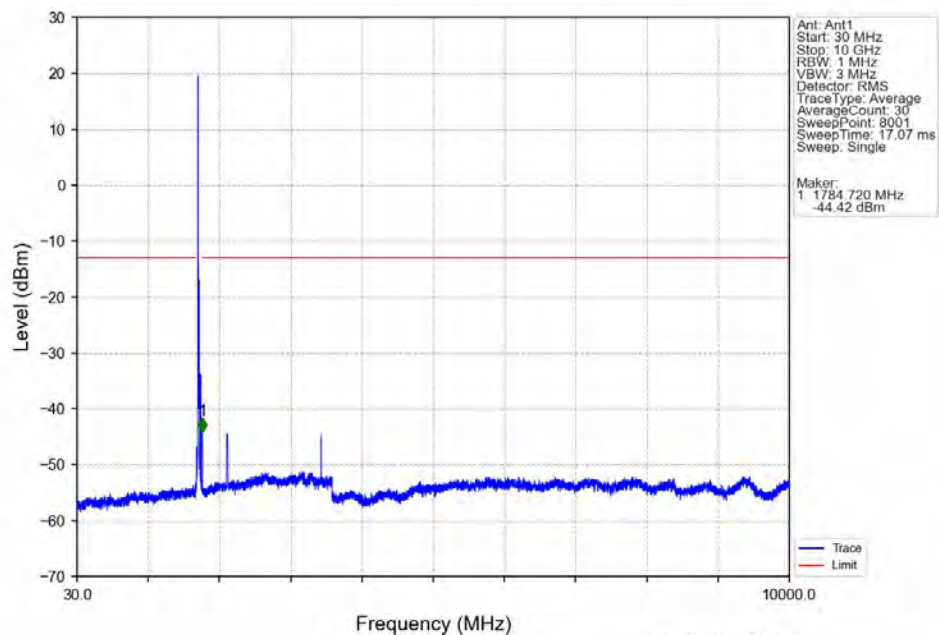


Band4_20MHz_QPSK_LCH_1720MHz_RB_100_0_NTNV

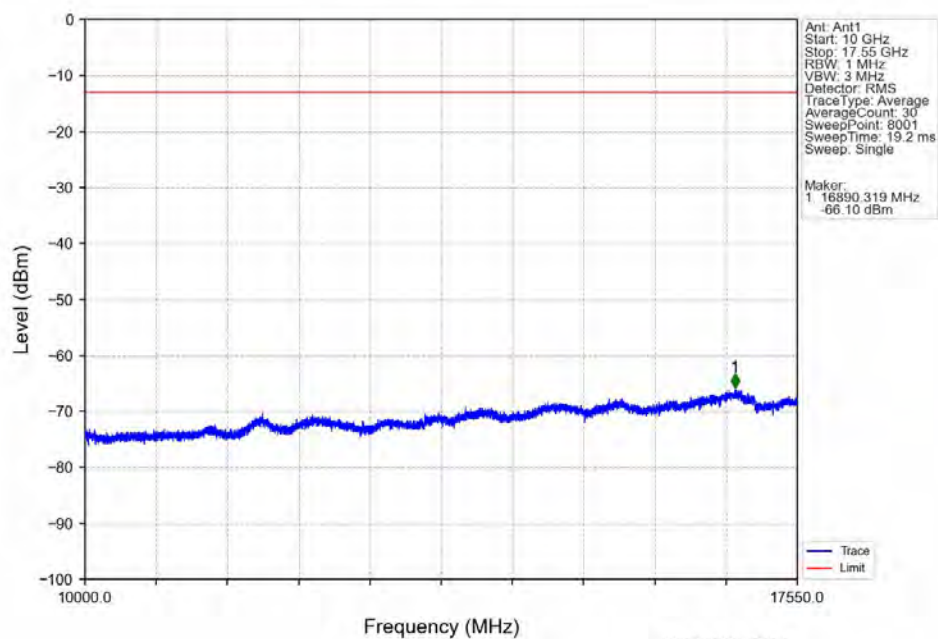


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.280	-33.56	-13	Pass
1709	1710	0.22	/	2	1709.960	-38.36	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

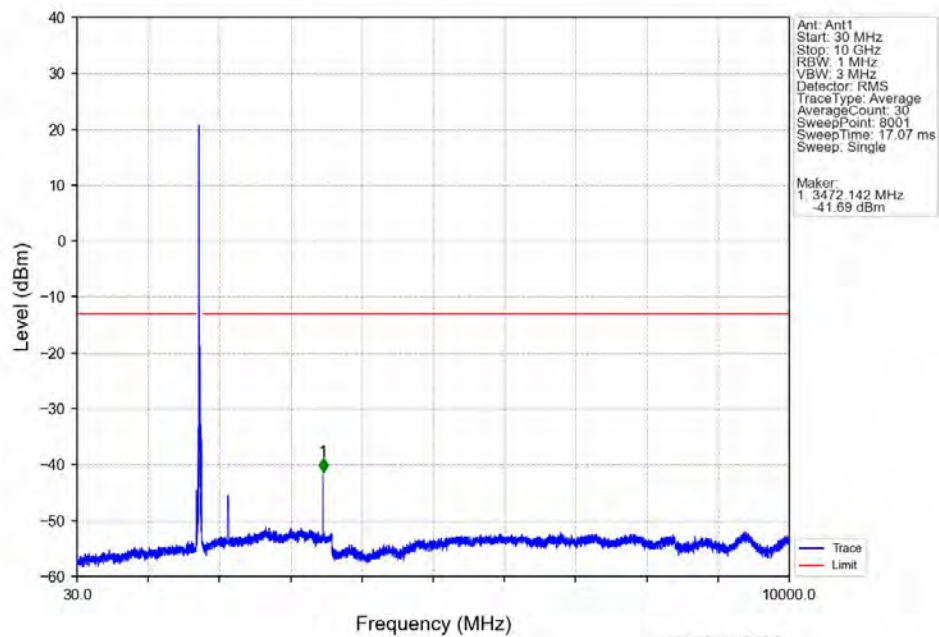
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



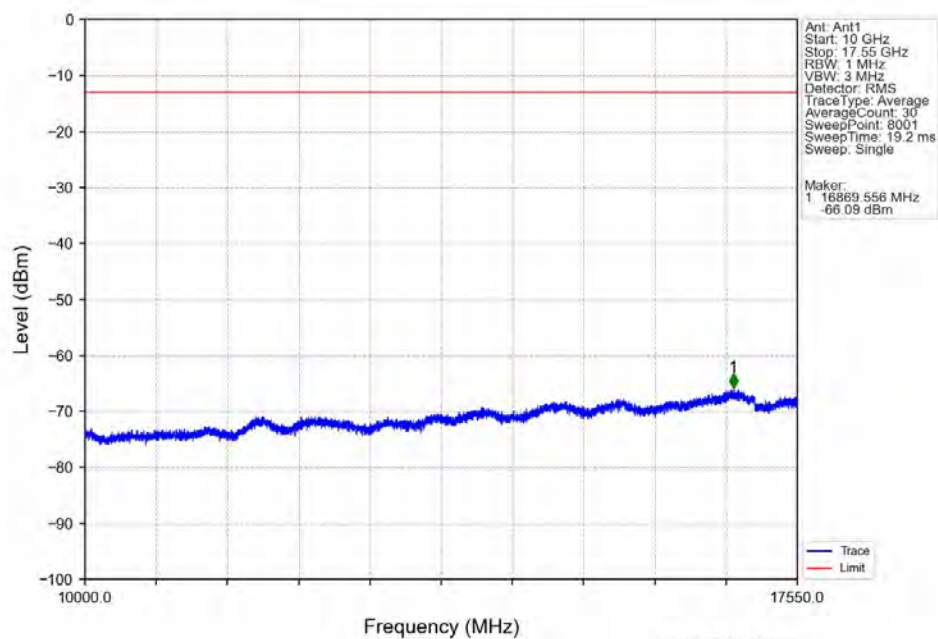
Band4_20MHz_QPSK_MCH_1732.5MHz_RB_1_0_NTNV



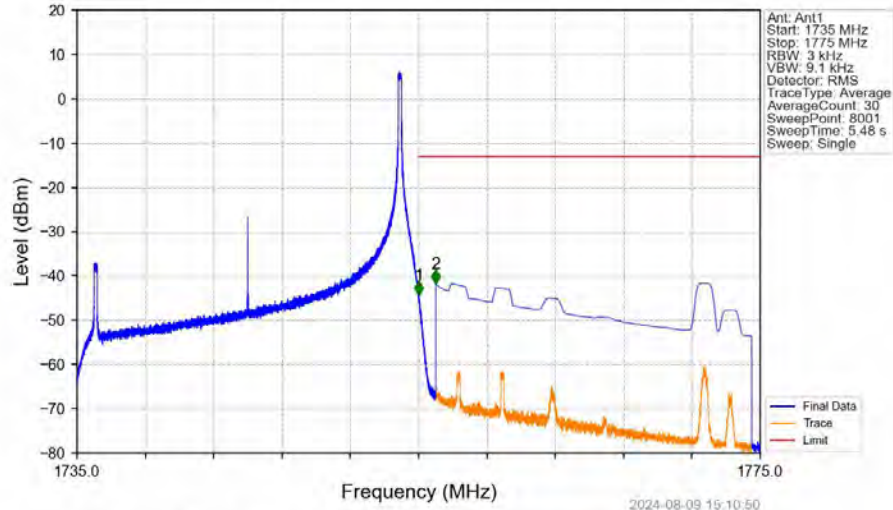
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



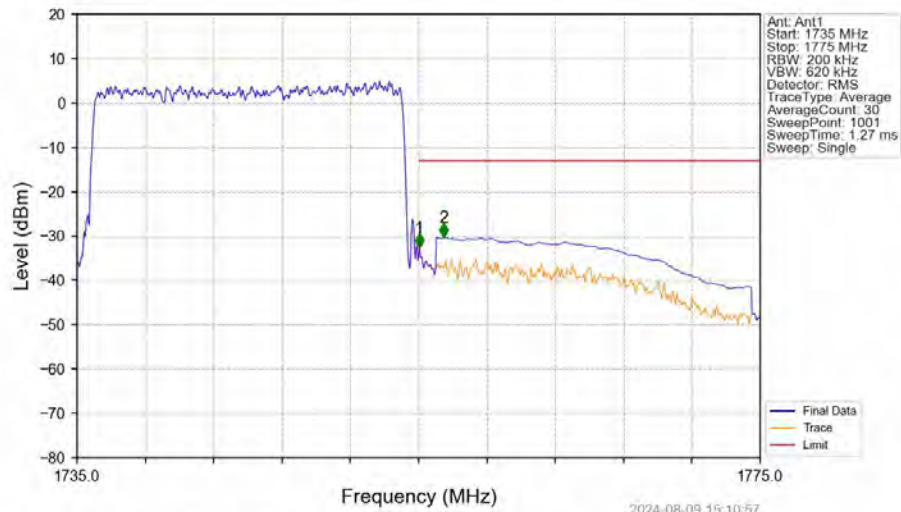
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_0_NTNV



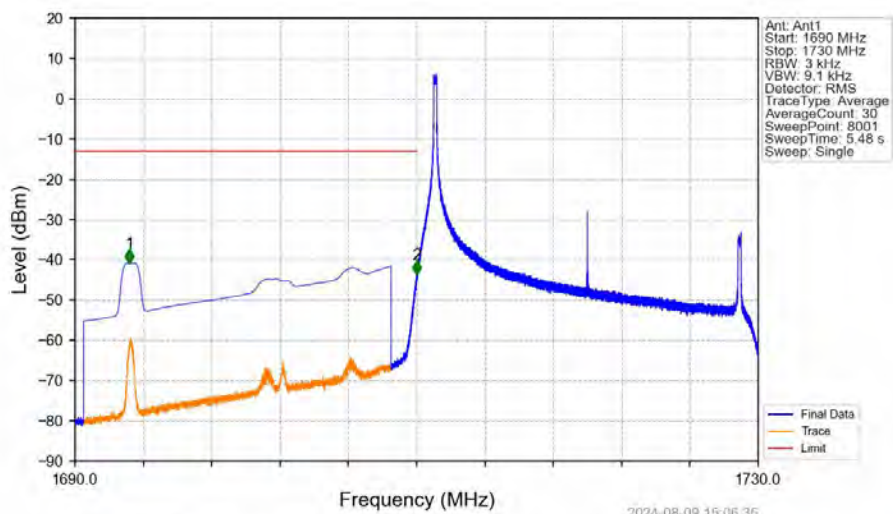
Band4_20MHz_QPSK_HCH_1745MHz_RB_1_99_NTNV



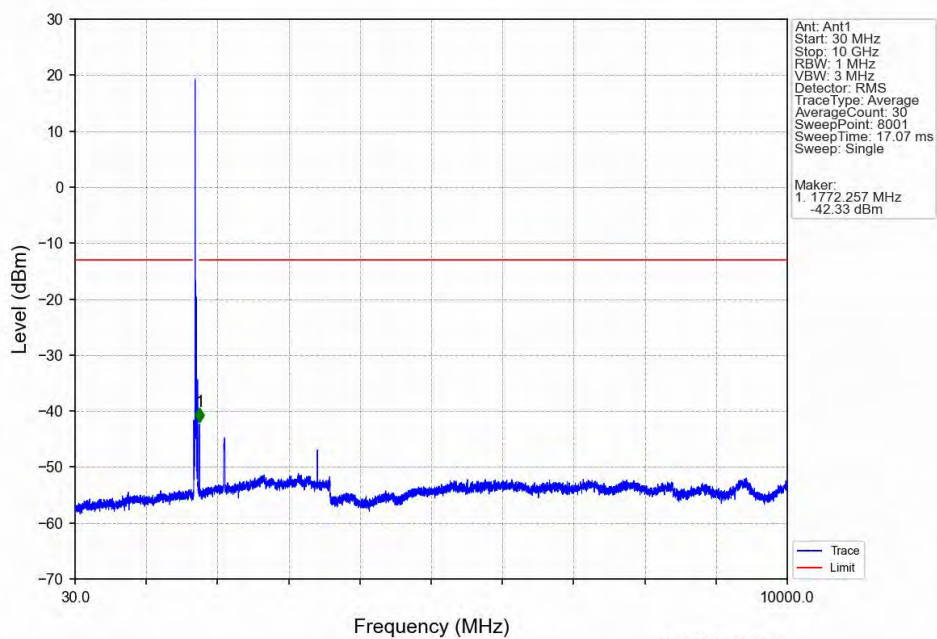
Band4_20MHz_QPSK_HCH_1745MHz_RB_100_0_NTNV



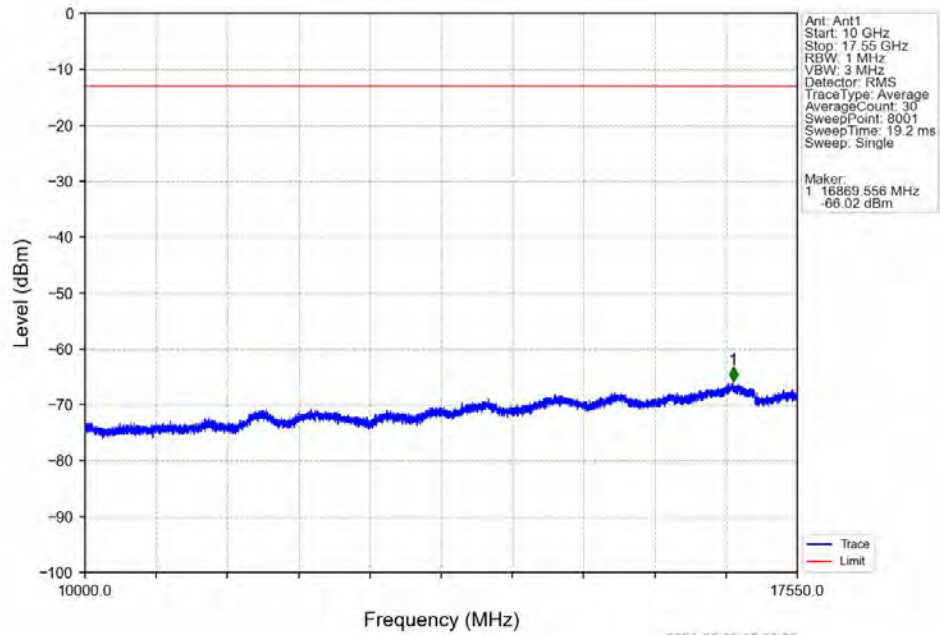
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



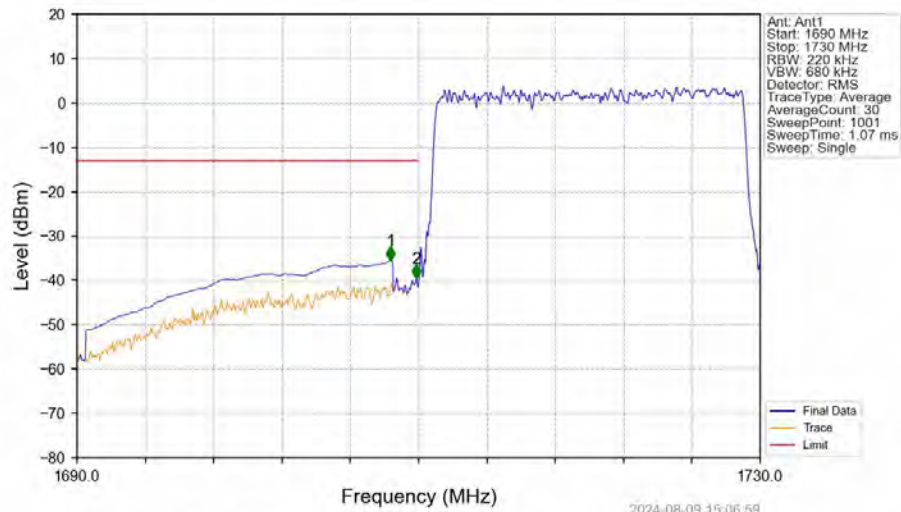
Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_LCH_1720MHz_RB_1_0_NTNV

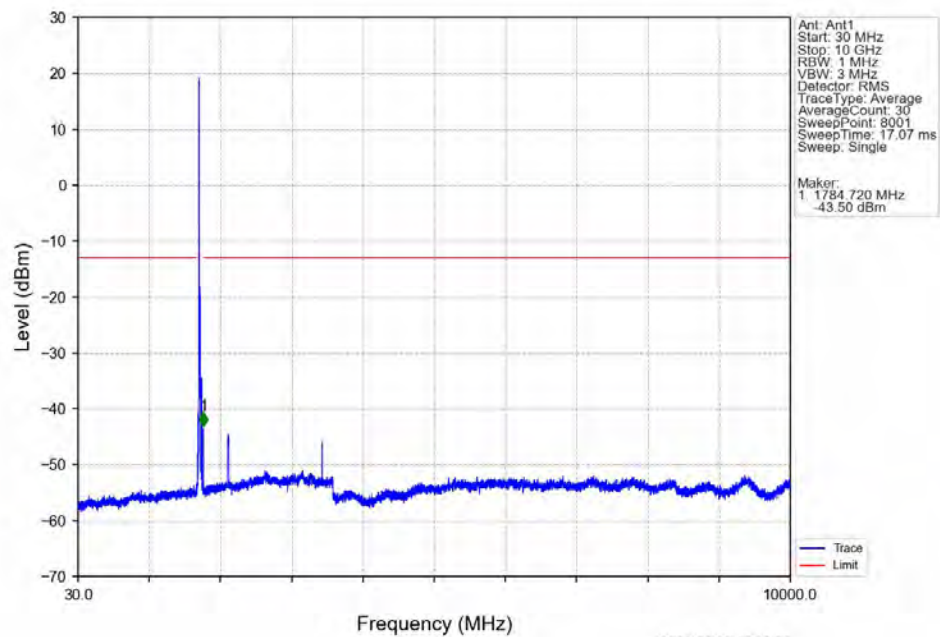


Band4_20MHz_16QAM_LCH_1720MHz_RB_100_0_NTNV

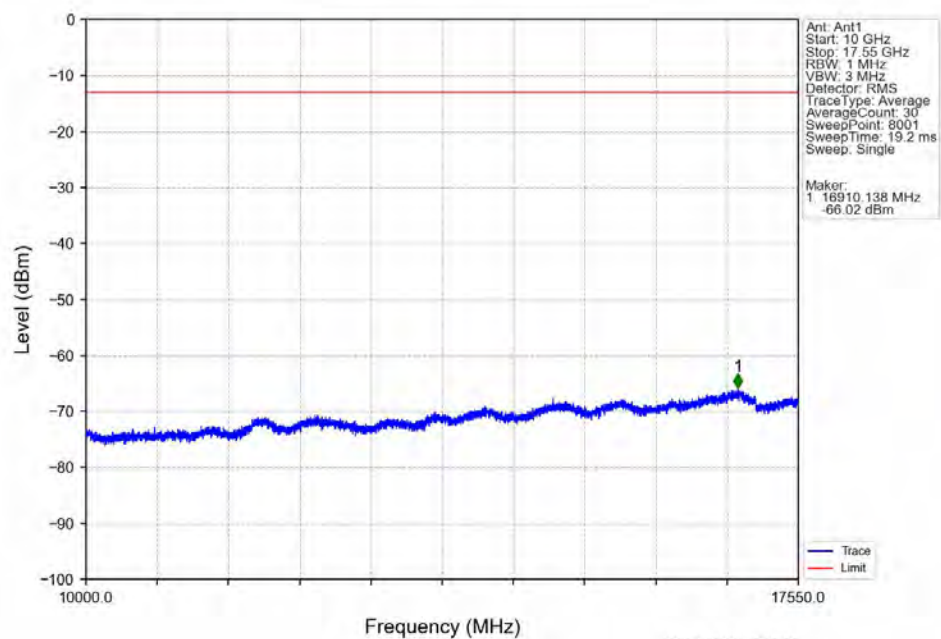


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
1690	1709	1	CHP	1	1708.360	-35.57	-13	Pass
1709	1710	0.22	/	2	1709.880	-39.49	-13	Pass
1710	1730	0.22	/	/	/	/	/	/

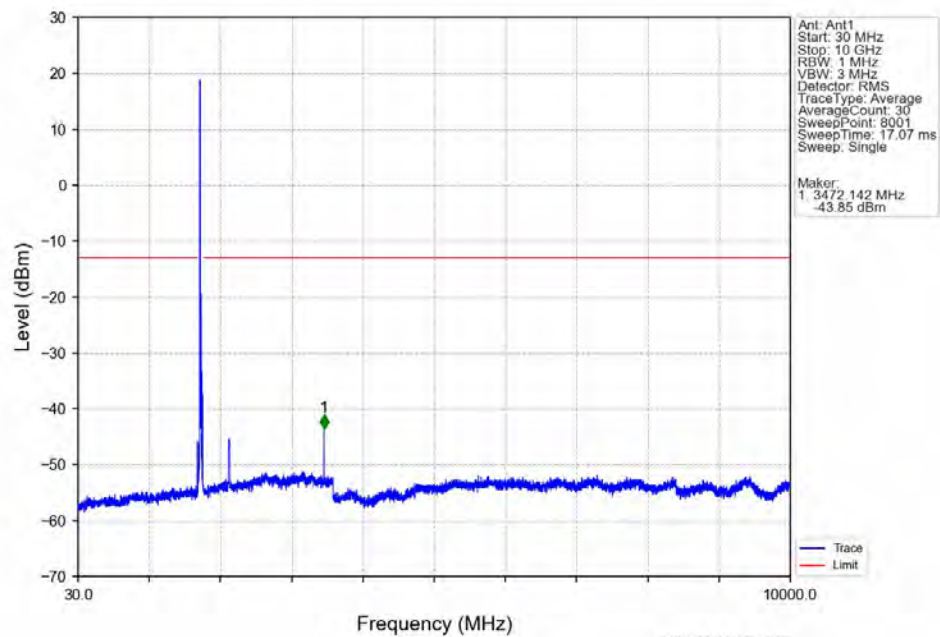
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



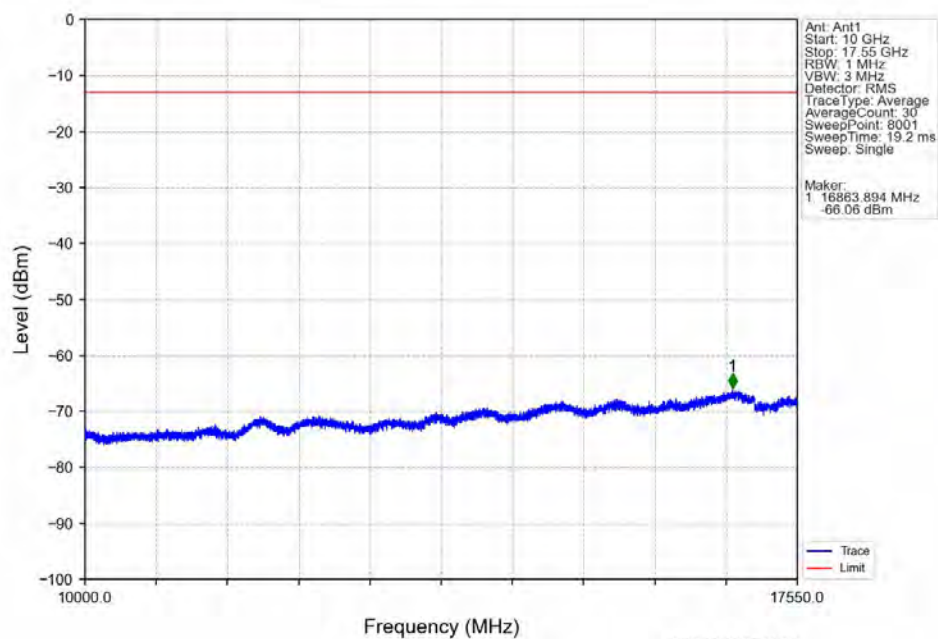
Band4_20MHz_16QAM_MCH_1732.5MHz_RB_1_0_NTNV



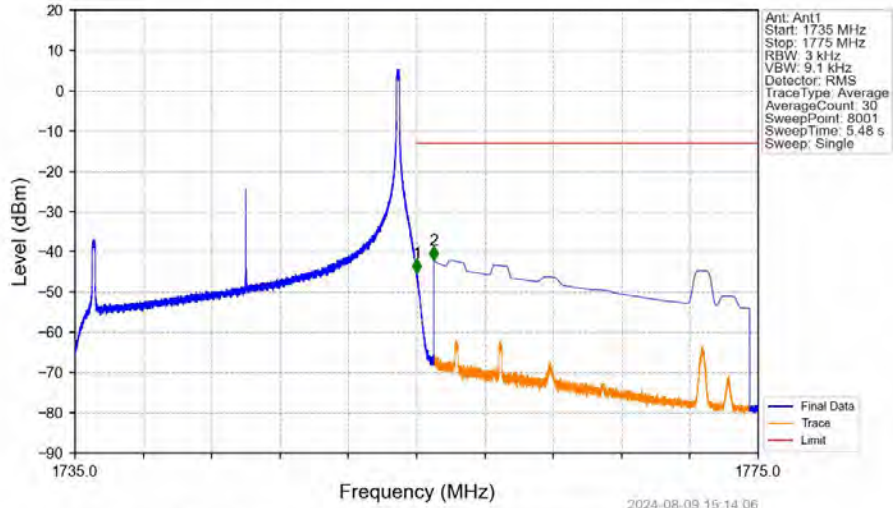
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



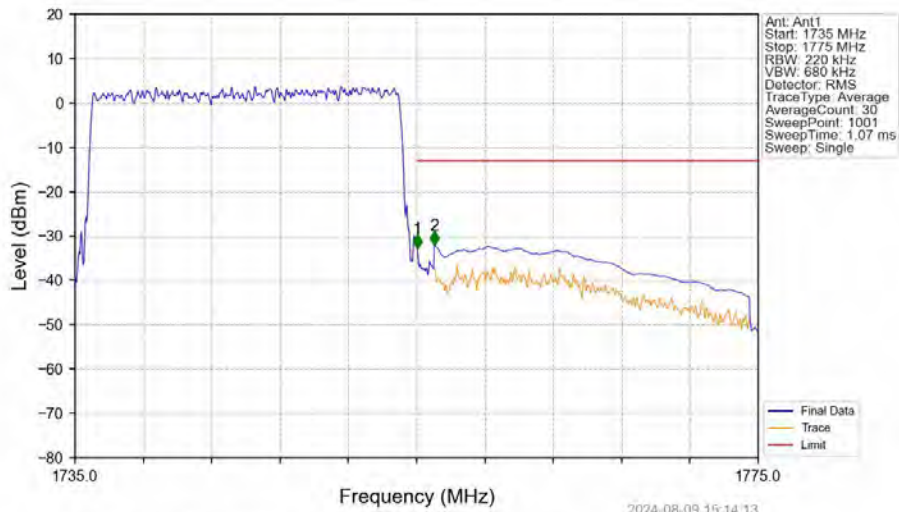
Band4_20MHz_16QAM_HCH_1745MHz_RB_1_0_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_1_99_NTNV



Band4_20MHz_16QAM_HCH_1745MHz_RB_100_0_NTNV



7. Form731

7.1 Test Result

7.1.1 Form731_Power

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1945	0.0235	ppm	1M12G7D	27L	22.89
4	1.4	1710.7	1754.3	0.1963	0.0231	ppm	1M12W7D	27L	22.93
4	3	1711.5	1753.5	0.1919	0.0244	ppm	2M76G7D	27L	22.83
4	3	1711.5	1753.5	0.1774	0.0204	ppm	2M76W7D	27L	22.49
4	5	1712.5	1752.5	0.1905	0.0231	ppm	4M57G7D	27L	22.80
4	5	1712.5	1752.5	0.1750	0.0248	ppm	4M59W7D	27L	22.43
4	10	1715	1750	0.1950	0.0259	ppm	9M09G7D	27L	22.90
4	10	1715	1750	0.1941	0.0269	ppm	9M09W7D	27L	22.88
4	15	1717.5	1747.5	0.1936	0.0196	ppm	13M6G7D	27L	22.87
4	15	1717.5	1747.5	0.1972	0.0204	ppm	13M6W7D	27L	22.95
4	20	1720	1745	0.1972	0.0232	ppm	18M2G7D	27L	22.95
4	20	1720	1745	0.2037	0.0226	ppm	18M2W7D	27L	23.09

7.1.2 Form731_EIRP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
4	1.4	1710.7	1754.3	0.1549	0.0235	ppm	1M12G7D	27L	21.90
4	1.4	1710.7	1754.3	0.1563	0.0231	ppm	1M12W7D	27L	21.94
4	3	1711.5	1753.5	0.1528	0.0244	ppm	2M76G7D	27L	21.84
4	3	1711.5	1753.5	0.1413	0.0204	ppm	2M76W7D	27L	21.50
4	5	1712.5	1752.5	0.1517	0.0231	ppm	4M57G7D	27L	21.81
4	5	1712.5	1752.5	0.1393	0.0248	ppm	4M59W7D	27L	21.44
4	10	1715	1750	0.1552	0.0259	ppm	9M09G7D	27L	21.91
4	10	1715	1750	0.1545	0.0269	ppm	9M09W7D	27L	21.89
4	15	1717.5	1747.5	0.1542	0.0196	ppm	13M6G7D	27L	21.88
4	15	1717.5	1747.5	0.1570	0.0204	ppm	13M6W7D	27L	21.96
4	20	1720	1745	0.1570	0.0232	ppm	18M2G7D	27L	21.96
4	20	1720	1745	0.1622	0.0226	ppm	18M2W7D	27L	22.10