

Band: 71 / Bandwidth: 10MHz / NTNV

Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	668	1	0	21.13	-0.57	18.41	<=34.77	Pass
			25	21.10	-0.57	18.38	<=34.77	Pass
			49	21.05	-0.57	18.33	<=34.77	Pass
		25	0	20.43	-0.57	17.71	<=34.77	Pass
			13	20.39	-0.57	17.67	<=34.77	Pass
			25	20.42	-0.57	17.70	<=34.77	Pass
		50	0	20.62	-0.57	17.90	<=34.77	Pass
	680.5	1	0	20.95	-0.57	18.23	<=34.77	Pass
			25	20.90	-0.57	18.18	<=34.77	Pass
			49	20.90	-0.57	18.18	<=34.77	Pass
		25	0	20.40	-0.57	17.68	<=34.77	Pass
			13	20.30	-0.57	17.58	<=34.77	Pass
			25	20.25	-0.57	17.53	<=34.77	Pass
		50	0	20.57	-0.57	17.85	<=34.77	Pass
	693	1	0	21.16	-0.57	18.44	<=34.77	Pass
			25	21.05	-0.57	18.33	<=34.77	Pass
			49	20.90	-0.57	18.18	<=34.77	Pass
		25	0	20.35	-0.57	17.63	<=34.77	Pass
			13	20.32	-0.57	17.60	<=34.77	Pass
			25	20.35	-0.57	17.63	<=34.77	Pass
16QAM	668	1	0	21.30	-0.57	18.58	<=34.77	Pass
			25	21.27	-0.57	18.55	<=34.77	Pass
			49	21.24	-0.57	18.52	<=34.77	Pass
		25	0	19.67	-0.57	16.95	<=34.77	Pass
			13	19.65	-0.57	16.93	<=34.77	Pass
			25	19.69	-0.57	16.97	<=34.77	Pass
		50	0	19.64	-0.57	16.92	<=34.77	Pass
	680.5	1	0	20.75	-0.57	18.03	<=34.77	Pass
			25	20.72	-0.57	18.00	<=34.77	Pass
			49	20.68	-0.57	17.96	<=34.77	Pass
		25	0	19.92	-0.57	17.20	<=34.77	Pass
			13	19.80	-0.57	17.08	<=34.77	Pass
			25	19.73	-0.57	17.01	<=34.77	Pass
		50	0	19.78	-0.57	17.06	<=34.77	Pass
	693	1	0	20.86	-0.57	18.14	<=34.77	Pass
			25	20.73	-0.57	18.01	<=34.77	Pass
			49	20.73	-0.57	18.01	<=34.77	Pass
		25	0	19.70	-0.57	16.98	<=34.77	Pass
			13	19.64	-0.57	16.92	<=34.77	Pass
			25	19.67	-0.57	16.95	<=34.77	Pass
		50	0	19.58	-0.57	16.86	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.3 B71_15MHz_ERP

Band: 71 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	670.5	1	0	21.20	-0.57	18.48	<=34.77	Pass
			38	21.21	-0.57	18.49	<=34.77	Pass
			74	21.22	-0.57	18.50	<=34.77	Pass
		36	0	20.44	-0.57	17.72	<=34.77	Pass
			18	20.41	-0.57	17.69	<=34.77	Pass
			39	20.42	-0.57	17.70	<=34.77	Pass

16QAM	680.5	75	0	20.55	-0.57	17.83	<=34.77	Pass
		1	0	21.26	-0.57	18.54	<=34.77	Pass
			38	21.25	-0.57	18.53	<=34.77	Pass
			74	21.37	-0.57	18.65	<=34.77	Pass
		36	0	20.68	-0.57	17.96	<=34.77	Pass
			18	20.65	-0.57	17.93	<=34.77	Pass
			39	20.64	-0.57	17.92	<=34.77	Pass
		75	0	20.82	-0.57	18.10	<=34.77	Pass
	690.5	1	0	21.50	-0.57	18.78	<=34.77	Pass
			38	21.41	-0.57	18.69	<=34.77	Pass
			74	21.29	-0.57	18.57	<=34.77	Pass
		36	0	20.55	-0.57	17.83	<=34.77	Pass
			18	20.50	-0.57	17.78	<=34.77	Pass
			39	20.51	-0.57	17.79	<=34.77	Pass
		75	0	20.59	-0.57	17.87	<=34.77	Pass
	670.5	1	0	20.80	-0.57	18.08	<=34.77	Pass
			38	20.76	-0.57	18.04	<=34.77	Pass
			74	20.74	-0.57	18.02	<=34.77	Pass
		36	0	19.67	-0.57	16.95	<=34.77	Pass
			18	19.66	-0.57	16.94	<=34.77	Pass
			39	19.66	-0.57	16.94	<=34.77	Pass
		75	0	19.60	-0.57	16.88	<=34.77	Pass
	680.5	1	0	20.58	-0.57	17.86	<=34.77	Pass
			38	20.44	-0.57	17.72	<=34.77	Pass
			74	20.35	-0.57	17.63	<=34.77	Pass
		36	0	19.87	-0.57	17.15	<=34.77	Pass
			18	19.92	-0.57	17.20	<=34.77	Pass
			39	19.83	-0.57	17.11	<=34.77	Pass
		75	0	19.88	-0.57	17.16	<=34.77	Pass
	690.5	1	0	20.64	-0.57	17.92	<=34.77	Pass
			38	20.51	-0.57	17.79	<=34.77	Pass
			74	20.41	-0.57	17.69	<=34.77	Pass
		36	0	19.72	-0.57	17.00	<=34.77	Pass
			18	19.67	-0.57	16.95	<=34.77	Pass
			39	19.74	-0.57	17.02	<=34.77	Pass
		75	0	19.64	-0.57	16.92	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

1.1.4 B71_20MHz_ERP

Band: 71 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	673	1	0	17.36	-0.57	14.64	<=34.77	Pass
			50	15.46	-0.57	12.74	<=34.77	Pass
			99	14.76	-0.57	12.04	<=34.77	Pass
		50	0	15.48	-0.57	12.76	<=34.77	Pass
			25	14.75	-0.57	12.03	<=34.77	Pass
			50	14.21	-0.57	11.49	<=34.77	Pass
		100	0	14.80	-0.57	12.08	<=34.77	Pass
	683	1	0	15.50	-0.57	12.78	<=34.77	Pass
			50	14.93	-0.57	12.21	<=34.77	Pass
			99	15.71	-0.57	12.99	<=34.77	Pass
		50	0	14.23	-0.57	11.51	<=34.77	Pass
			25	14.09	-0.57	11.37	<=34.77	Pass
			50	14.28	-0.57	11.56	<=34.77	Pass
		100	0	14.24	-0.57	11.52	<=34.77	Pass

16QAM	688	1	0	14.96	-0.57	12.24	<=34.77	Pass
			50	15.20	-0.57	12.48	<=34.77	Pass
			99	16.55	-0.57	13.83	<=34.77	Pass
		50	0	20.68	-0.57	17.96	<=34.77	Pass
			25	20.67	-0.57	17.95	<=34.77	Pass
			50	20.56	-0.57	17.84	<=34.77	Pass
		100	0	20.64	-0.57	17.92	<=34.77	Pass
	673	1	0	16.54	-0.57	13.82	<=34.77	Pass
			50	14.62	-0.57	11.90	<=34.77	Pass
			99	13.97	-0.57	11.25	<=34.77	Pass
		50	0	14.58	-0.57	11.86	<=34.77	Pass
			25	13.85	-0.57	11.13	<=34.77	Pass
			50	13.30	-0.57	10.58	<=34.77	Pass
		100	0	13.87	-0.57	11.15	<=34.77	Pass
	683	1	0	14.83	-0.57	12.11	<=34.77	Pass
			50	14.19	-0.57	11.47	<=34.77	Pass
			99	14.97	-0.57	12.25	<=34.77	Pass
		50	0	13.23	-0.57	10.51	<=34.77	Pass
			25	13.08	-0.57	10.36	<=34.77	Pass
			50	13.23	-0.57	10.51	<=34.77	Pass
		100	0	13.26	-0.57	10.54	<=34.77	Pass
	688	1	0	20.84	-0.57	18.12	<=34.77	Pass
			50	20.64	-0.57	17.92	<=34.77	Pass
			99	20.56	-0.57	17.84	<=34.77	Pass
		50	0	19.86	-0.57	17.14	<=34.77	Pass
			25	19.78	-0.57	17.06	<=34.77	Pass
			50	19.74	-0.57	17.02	<=34.77	Pass
		100	0	19.69	-0.57	16.97	<=34.77	Pass

Note1: ERP=Conducted Power+Antenna Gain-2.15

2. Frequency Stability

2.1 Test Result

2.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	665.5	25	0	20	3.27	-0.057	-0.0001	-2.5 to 2.5	Pass
					3.85	0.129	0.0002	-2.5 to 2.5	Pass
					4.43	-0.014	0.0000	-2.5 to 2.5	Pass
				-30	3.85	0.329	0.0005	-2.5 to 2.5	Pass
				-20	3.85	0.443	0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.730	0.0011	-2.5 to 2.5	Pass
				0	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				10	3.85	0.300	0.0005	-2.5 to 2.5	Pass
				30	3.85	-0.315	-0.0005	-2.5 to 2.5	Pass
				40	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	0.472	0.0007	-2.5 to 2.5	Pass
					3.85	0.529	0.0008	-2.5 to 2.5	Pass
					4.43	0.186	0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				-20	3.85	0.401	0.0006	-2.5 to 2.5	Pass
				-10	3.85	0.358	0.0005	-2.5 to 2.5	Pass

	695.5	25	0	0	3.85	0.515	0.0008	-2.5 to 2.5	Pass
				10	3.85	0.329	0.0005	-2.5 to 2.5	Pass
				30	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.529	0.0008	-2.5 to 2.5	Pass
				50	3.85	0.544	0.0008	-2.5 to 2.5	Pass
				20	3.27	0.315	0.0005	-2.5 to 2.5	Pass
					3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
					4.43	-1.001	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-1.016	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-1.273	-0.0018	-2.5 to 2.5	Pass
				0	3.85	-1.330	-0.0019	-2.5 to 2.5	Pass
				10	3.85	-1.016	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				40	3.85	-1.488	-0.0021	-2.5 to 2.5	Pass
				50	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
16QAM	665.5	25	0	20	3.27	0.286	0.0004	-2.5 to 2.5	Pass
					3.85	0.415	0.0006	-2.5 to 2.5	Pass
					4.43	-0.129	-0.0002	-2.5 to 2.5	Pass
				-30	3.85	0.501	0.0008	-2.5 to 2.5	Pass
				-20	3.85	0.186	0.0003	-2.5 to 2.5	Pass
				-10	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				0	3.85	0.343	0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				30	3.85	0.272	0.0004	-2.5 to 2.5	Pass
				40	3.85	0.186	0.0003	-2.5 to 2.5	Pass
				50	3.85	0.587	0.0009	-2.5 to 2.5	Pass
	680.5	25	0	20	3.27	-0.200	-0.0003	-2.5 to 2.5	Pass
					3.85	0.072	0.0001	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.443	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	0.315	0.0005	-2.5 to 2.5	Pass
				0	3.85	0.286	0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				50	3.85	0.215	0.0003	-2.5 to 2.5	Pass
	695.5	25	0	20	3.27	-0.744	-0.0011	-2.5 to 2.5	Pass
					3.85	-1.216	-0.0017	-2.5 to 2.5	Pass
					4.43	-0.830	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				-20	3.85	-1.073	-0.0015	-2.5 to 2.5	Pass
				-10	3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
				0	3.85	-1.616	-0.0023	-2.5 to 2.5	Pass
				10	3.85	-1.245	-0.0018	-2.5 to 2.5	Pass
				30	3.85	-1.202	-0.0017	-2.5 to 2.5	Pass
				40	3.85	-0.887	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-0.758	-0.0011	-2.5 to 2.5	Pass

2.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	668	50	0	20	3.27	-0.629	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.873	-0.0013	-2.5 to 2.5	Pass

					4.43	-0.887	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.544	0.0008	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.801	-0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.615	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-1.273	-0.0019	-2.5 to 2.5	Pass
				40	3.85	-0.758	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.658	-0.0010	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-0.100	-0.0001	-2.5 to 2.5	Pass
					3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.401	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.315	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				0	3.85	-0.386	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
				30	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.272	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-0.544	-0.0008	-2.5 to 2.5	Pass
					3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.601	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	0.000	0.0000	-2.5 to 2.5	Pass
				-20	3.85	-0.987	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-0.200	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.658	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
16QAM	668	50	0	20	3.27	-0.844	-0.0013	-2.5 to 2.5	Pass
					3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
					4.43	-0.758	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-1.345	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-1.087	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	-0.873	-0.0013	-2.5 to 2.5	Pass
				0	3.85	-0.844	-0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.901	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.787	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				50	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
	680.5	50	0	20	3.27	-0.029	0.0000	-2.5 to 2.5	Pass
					3.85	0.000	0.0000	-2.5 to 2.5	Pass
					4.43	0.186	0.0003	-2.5 to 2.5	Pass
				-30	3.85	0.486	0.0007	-2.5 to 2.5	Pass
				-20	3.85	0.343	0.0005	-2.5 to 2.5	Pass
				-10	3.85	0.229	0.0003	-2.5 to 2.5	Pass
				0	3.85	0.672	0.0010	-2.5 to 2.5	Pass
				10	3.85	0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	0.172	0.0003	-2.5 to 2.5	Pass
				40	3.85	0.086	0.0001	-2.5 to 2.5	Pass
				50	3.85	0.029	0.0000	-2.5 to 2.5	Pass
	693	50	0	20	3.27	-0.329	-0.0005	-2.5 to 2.5	Pass
					3.85	0.186	0.0003	-2.5 to 2.5	Pass
					4.43	-0.529	-0.0008	-2.5 to 2.5	Pass
				-30	3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-0.658	-0.0009	-2.5 to 2.5	Pass
				-10	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass

				0	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				10	3.85	-0.887	-0.0013	-2.5 to 2.5	Pass
				30	3.85	0.186	0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass

2.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	670.5	75	0	20	3.27	-0.772	-0.0012	-2.5 to 2.5	Pass
					3.85	-0.987	-0.0015	-2.5 to 2.5	Pass
					4.43	0.057	0.0001	-2.5 to 2.5	Pass
				-30	3.85	0.458	0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.372	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
				0	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				40	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				50	3.85	-0.186	-0.0003	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-0.501	-0.0007	-2.5 to 2.5	Pass
					3.85	0.057	0.0001	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				0	3.85	0.143	0.0002	-2.5 to 2.5	Pass
				10	3.85	0.129	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				40	3.85	-0.243	-0.0004	-2.5 to 2.5	Pass
				50	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-0.701	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.916	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.687	-0.0010	-2.5 to 2.5	Pass
				-30	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				-20	3.85	-1.216	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	-0.572	-0.0008	-2.5 to 2.5	Pass
				0	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-0.801	-0.0012	-2.5 to 2.5	Pass
				40	3.85	-0.329	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-0.815	-0.0012	-2.5 to 2.5	Pass
16QAM	670.5	75	0	20	3.27	0.014	0.0000	-2.5 to 2.5	Pass
					3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
					4.43	-0.458	-0.0007	-2.5 to 2.5	Pass
				-30	3.85	-0.730	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.358	-0.0005	-2.5 to 2.5	Pass
				-10	3.85	-0.644	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				10	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				40	3.85	-0.515	-0.0008	-2.5 to 2.5	Pass
				50	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass
	680.5	75	0	20	3.27	-0.458	-0.0007	-2.5 to 2.5	Pass
					3.85	-0.272	-0.0004	-2.5 to 2.5	Pass

					4.43	-0.801	-0.0012	-2.5 to 2.5	Pass
				-30	3.85	-0.300	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	0.501	0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.372	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.057	-0.0001	-2.5 to 2.5	Pass
				10	3.85	0.157	0.0002	-2.5 to 2.5	Pass
				30	3.85	-0.114	-0.0002	-2.5 to 2.5	Pass
				40	3.85	0.100	0.0001	-2.5 to 2.5	Pass
				50	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
	690.5	75	0	20	3.27	-0.744	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.815	-0.0012	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.772	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-0.873	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-1.287	-0.0019	-2.5 to 2.5	Pass
				0	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-0.930	-0.0013	-2.5 to 2.5	Pass
				30	3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
				40	3.85	-0.844	-0.0012	-2.5 to 2.5	Pass
				50	3.85	-1.359	-0.0020	-2.5 to 2.5	Pass

2.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	673	100	0	20	3.27	0.315	0.0005	-2.5 to 2.5	Pass
					3.85	0.358	0.0005	-2.5 to 2.5	Pass
					4.43	-0.200	-0.0003	-2.5 to 2.5	Pass
				-30	3.85	-0.257	-0.0004	-2.5 to 2.5	Pass
				-20	3.85	-0.014	0.0000	-2.5 to 2.5	Pass
				-10	3.85	-0.343	-0.0005	-2.5 to 2.5	Pass
				0	3.85	-0.401	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-0.029	0.0000	-2.5 to 2.5	Pass
				30	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
				40	3.85	-0.086	-0.0001	-2.5 to 2.5	Pass
	683	100	0	50	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				20	3.27	-0.744	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.172	-0.0003	-2.5 to 2.5	Pass
					4.43	-0.358	-0.0005	-2.5 to 2.5	Pass
				-30	3.85	-0.143	-0.0002	-2.5 to 2.5	Pass
				-20	3.85	-0.730	-0.0011	-2.5 to 2.5	Pass
				-10	3.85	-0.944	-0.0014	-2.5 to 2.5	Pass
				0	3.85	-0.315	-0.0005	-2.5 to 2.5	Pass
				10	3.85	-0.515	-0.0008	-2.5 to 2.5	Pass
				30	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
	688	100	0	40	3.85	-0.386	-0.0006	-2.5 to 2.5	Pass
				50	3.85	0.114	0.0002	-2.5 to 2.5	Pass
				20	3.27	-0.601	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.672	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.401	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.415	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				0	3.85	-0.672	-0.0010	-2.5 to 2.5	Pass
				10	3.85	-0.701	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.458	-0.0007	-2.5 to 2.5	Pass

16QAM	673	100	0	40	3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.672	-0.0010	-2.5 to 2.5	Pass
				20	3.27	-0.715	-0.0011	-2.5 to 2.5	Pass
					3.85	-0.858	-0.0013	-2.5 to 2.5	Pass
					4.43	-0.587	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.386	-0.0006	-2.5 to 2.5	Pass
				-10	3.85	-0.658	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-0.129	-0.0002	-2.5 to 2.5	Pass
				10	3.85	-0.215	-0.0003	-2.5 to 2.5	Pass
	683	100	0	30	3.85	-0.486	-0.0007	-2.5 to 2.5	Pass
				40	3.85	-0.587	-0.0009	-2.5 to 2.5	Pass
				50	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
				20	3.27	-0.629	-0.0009	-2.5 to 2.5	Pass
					3.85	-0.629	-0.0009	-2.5 to 2.5	Pass
					4.43	-0.415	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-0.601	-0.0009	-2.5 to 2.5	Pass
				-20	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				-10	3.85	-1.173	-0.0017	-2.5 to 2.5	Pass
				0	3.85	-0.229	-0.0003	-2.5 to 2.5	Pass
	688	100	0	10	3.85	-0.687	-0.0010	-2.5 to 2.5	Pass
				30	3.85	-0.558	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.501	-0.0007	-2.5 to 2.5	Pass
				50	3.85	-0.944	-0.0014	-2.5 to 2.5	Pass
				20	3.27	-0.715	-0.0010	-2.5 to 2.5	Pass
					3.85	-0.715	-0.0010	-2.5 to 2.5	Pass
					4.43	-0.644	-0.0009	-2.5 to 2.5	Pass
				-30	3.85	-0.515	-0.0007	-2.5 to 2.5	Pass
				-20	3.85	-0.472	-0.0007	-2.5 to 2.5	Pass
				-10	3.85	-0.744	-0.0011	-2.5 to 2.5	Pass
				0	3.85	-0.443	-0.0006	-2.5 to 2.5	Pass
				10	3.85	-1.044	-0.0015	-2.5 to 2.5	Pass
				30	3.85	-0.544	-0.0008	-2.5 to 2.5	Pass
				40	3.85	-0.944	-0.0014	-2.5 to 2.5	Pass
				50	3.85	-0.944	-0.0014	-2.5 to 2.5	Pass

3. Modulation Characteristics

3.1 Test Result

3.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	680.5	25	0	Refer To Test Graph	
16QAM	680.5	25	0	Refer To Test Graph	

3.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV					
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics	
		Size	Offset	Result	Limit
QPSK	680.5	50	0	Refer To Test Graph	
16QAM	680.5	50	0	Refer To Test Graph	

3.1.3 B71_15MHz

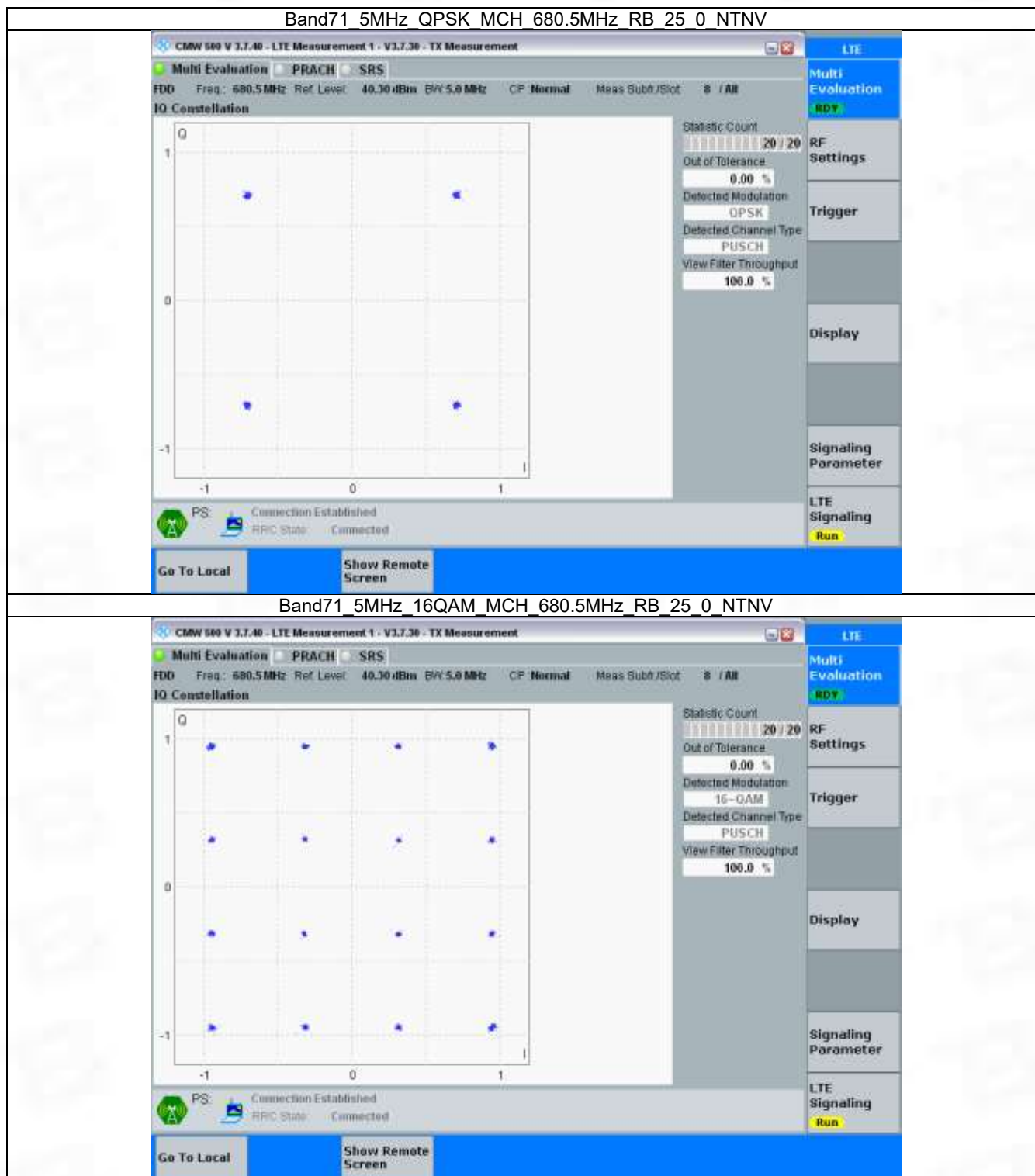
Band: 71 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	680.5	75	0	Refer To Test Graph		Pass
16QAM	680.5	75	0	Refer To Test Graph		Pass

3.1.4 B71_20MHz

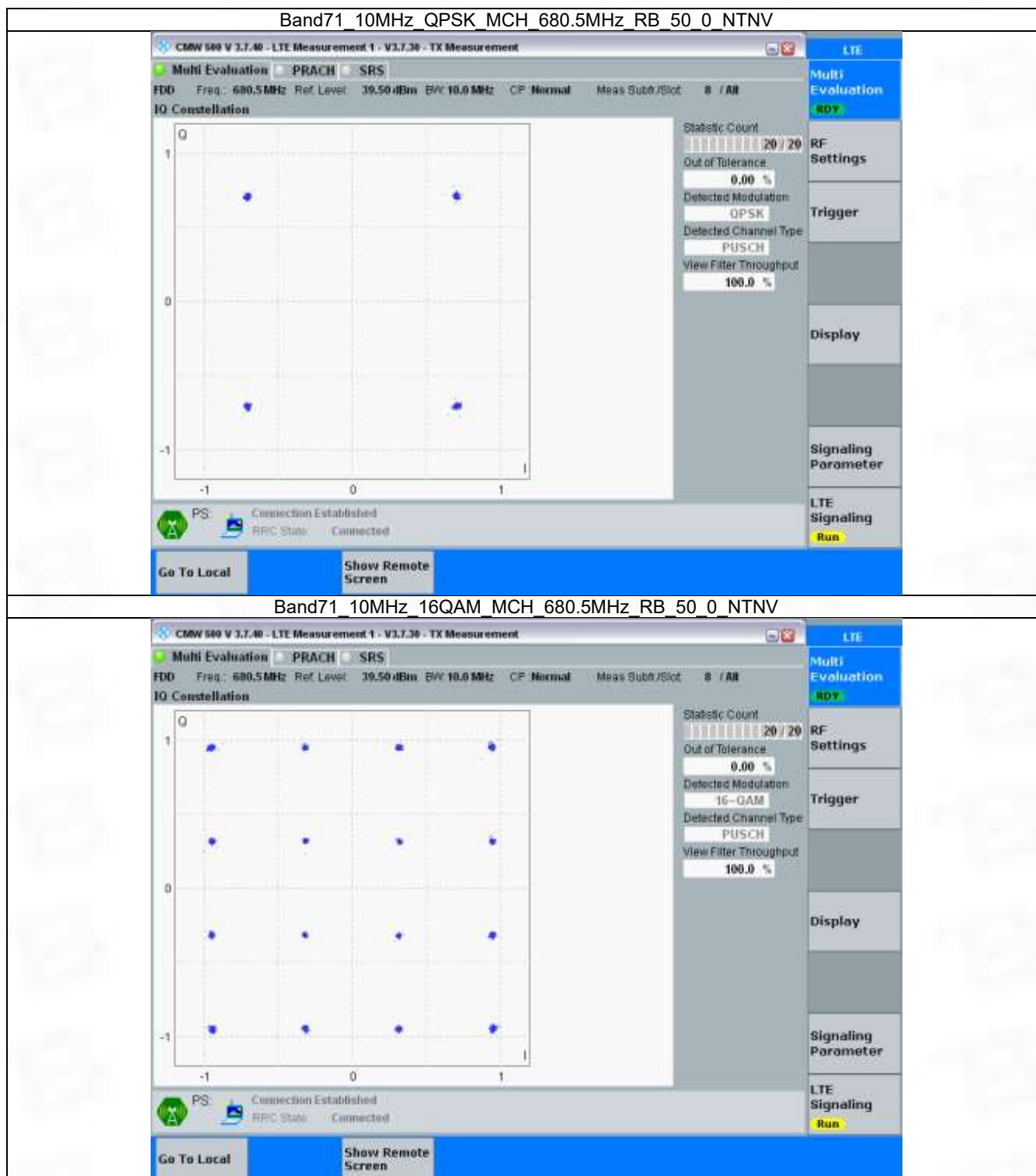
Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Modulation Characteristics		Verdict
		Size	Offset	Result	Limit	
QPSK	683	100	0	Refer To Test Graph		Pass
16QAM	683	100	0	Refer To Test Graph		Pass

3.2 Test Graph

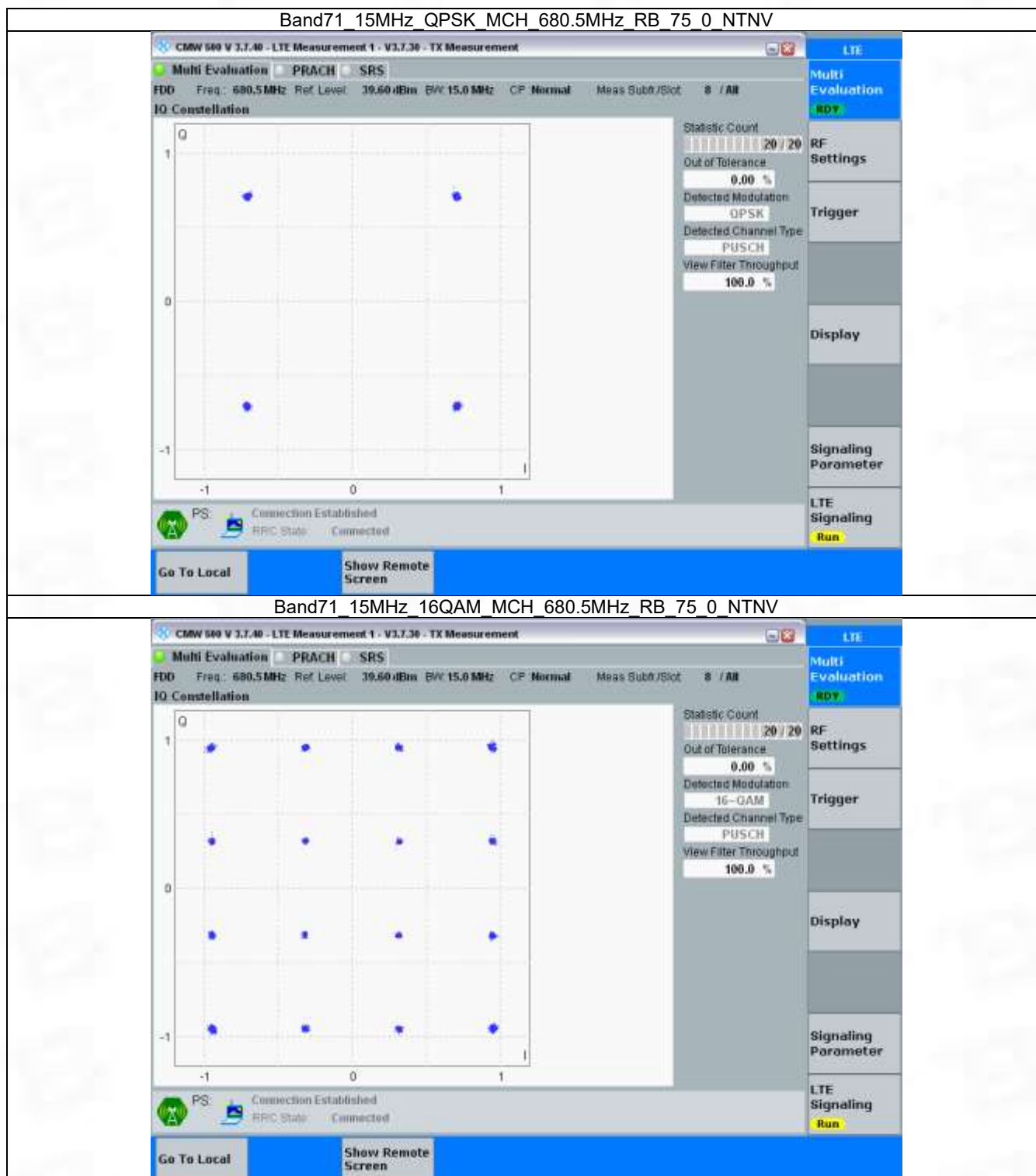
3.2.1 B71_5MHz



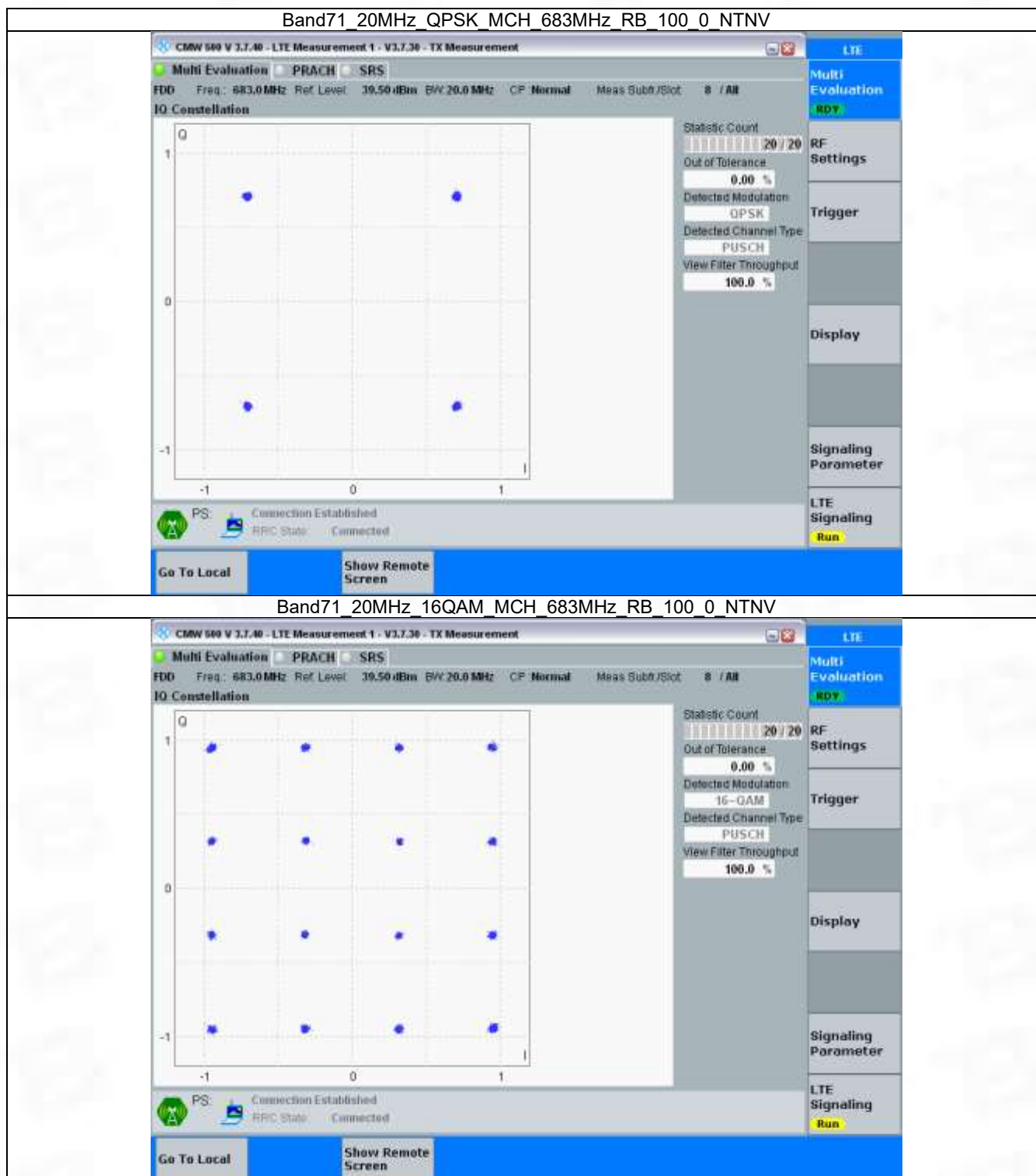
3.2.2 B71_10MHz



3.2.3 B71_15MHz



3.2.4 B71_20MHz



4. 99% & 26dB Bandwidth

4.1 Test Result

4.1.1 Band71_OBW

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	4.539	/	Pass
		680.5	25	0	4.552	/	Pass
		695.5	25	0	4.542	/	Pass
	16QAM	665.5	25	0	4.569	/	Pass
		680.5	25	0	4.563	/	Pass
		695.5	25	0	4.544	/	Pass
10	QPSK	668	50	0	9.046	/	Pass
		680.5	50	0	9.055	/	Pass
		693	50	0	9.046	/	Pass
	16QAM	668	50	0	9.060	/	Pass
		680.5	50	0	9.090	/	Pass
		693	50	0	9.054	/	Pass
15	QPSK	670.5	75	0	13.504	/	Pass
		680.5	75	0	13.577	/	Pass
		690.5	75	0	13.551	/	Pass
	16QAM	670.5	75	0	13.525	/	Pass
		680.5	75	0	13.596	/	Pass
		690.5	75	0	13.599	/	Pass
20	QPSK	673	100	0	18.021	/	Pass
		683	100	0	18.081	/	Pass
		688	100	0	18.146	/	Pass
	16QAM	673	100	0	18.050	/	Pass
		683	100	0	18.083	/	Pass
		688	100	0	18.142	/	Pass

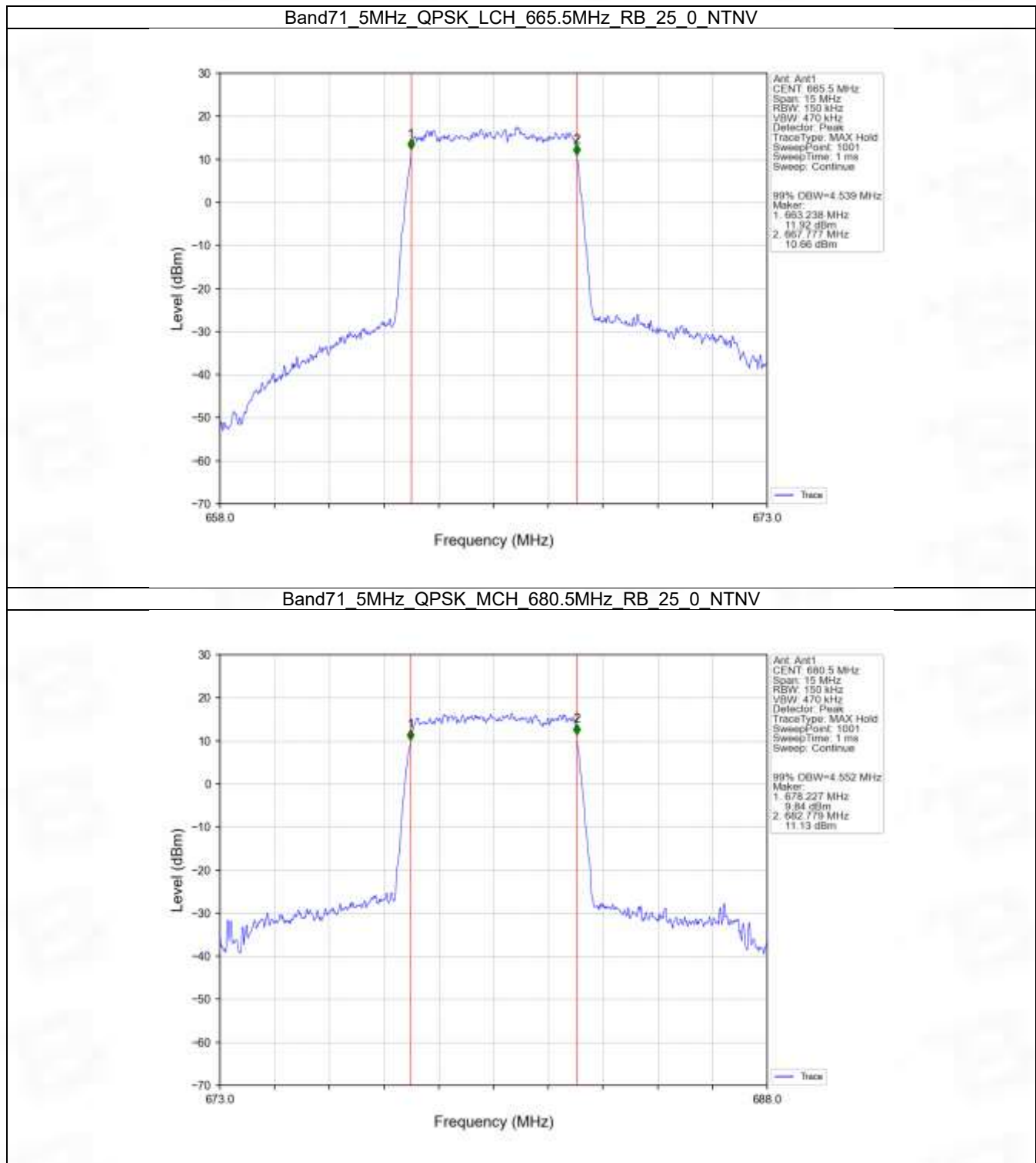
4.1.2 Band71_XDB

Band: 71 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	665.5	25	0	5.046	/	Pass
		680.5	25	0	5.055	/	Pass
		695.5	25	0	5.036	/	Pass
	16QAM	665.5	25	0	5.066	/	Pass
		680.5	25	0	5.082	/	Pass
		695.5	25	0	5.020	/	Pass
10	QPSK	668	50	0	10.039	/	Pass
		680.5	50	0	10.126	/	Pass
		693	50	0	10.044	/	Pass
	16QAM	668	50	0	10.034	/	Pass
		680.5	50	0	10.161	/	Pass
		693	50	0	10.075	/	Pass
15	QPSK	670.5	75	0	15.070	/	Pass
		680.5	75	0	15.268	/	Pass
		690.5	75	0	15.115	/	Pass

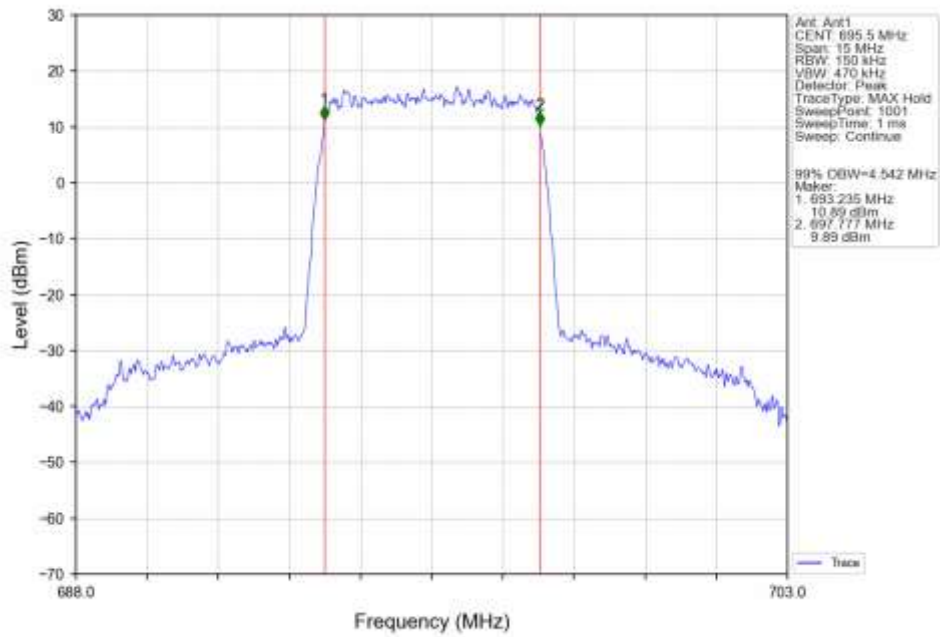
	16QAM	670.5	75	0	15.148	/	Pass
		680.5	75	0	15.269	/	Pass
		690.5	75	0	15.047	/	Pass
20	QPSK	673	100	0	20.012	/	Pass
		683	100	0	20.085	/	Pass
		688	100	0	20.040	/	Pass
	16QAM	673	100	0	20.098	/	Pass
		683	100	0	20.144	/	Pass
		688	100	0	20.093	/	Pass

4.2 Test Graph

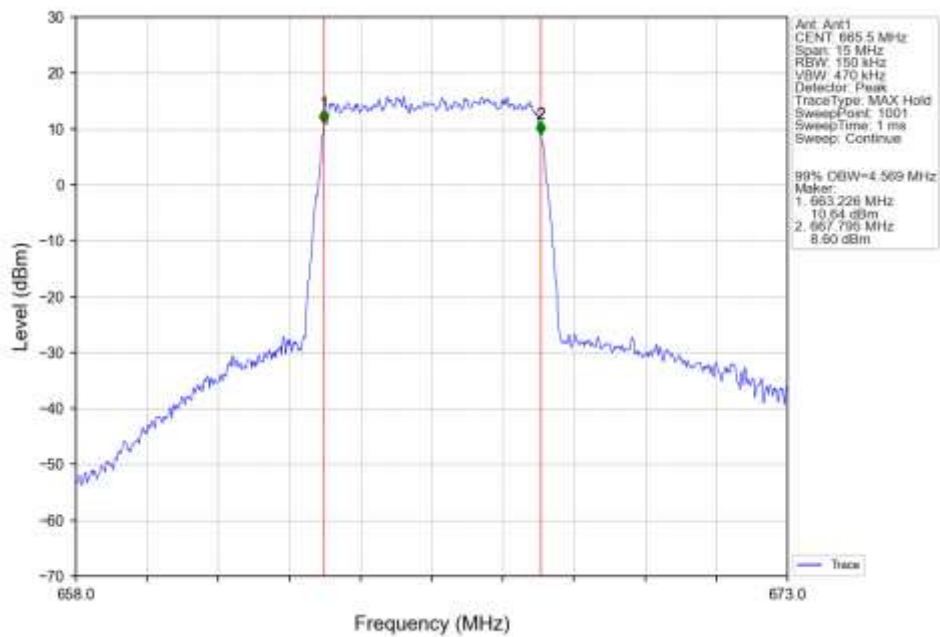
4.2.1 Band71_OBW



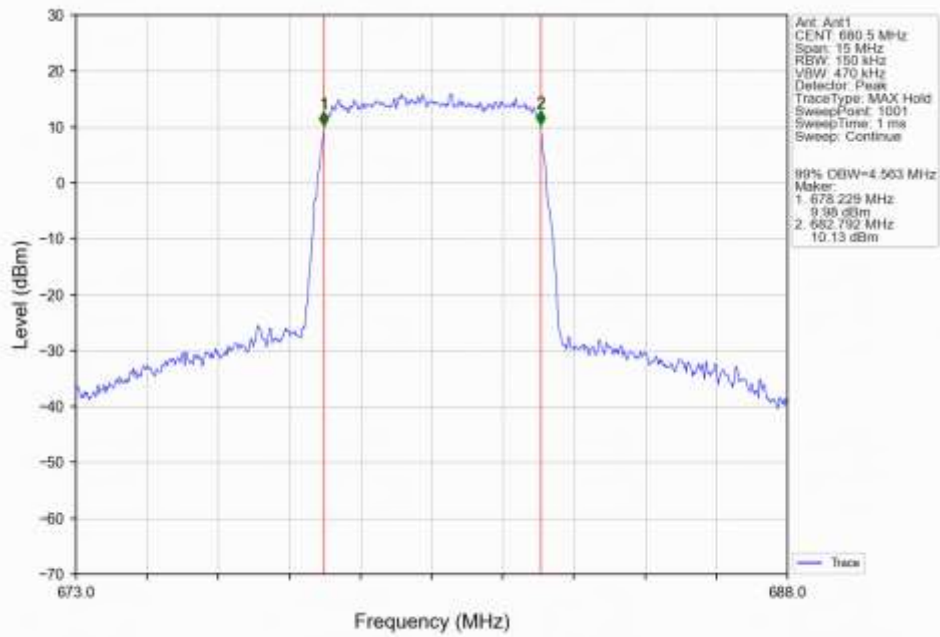
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV



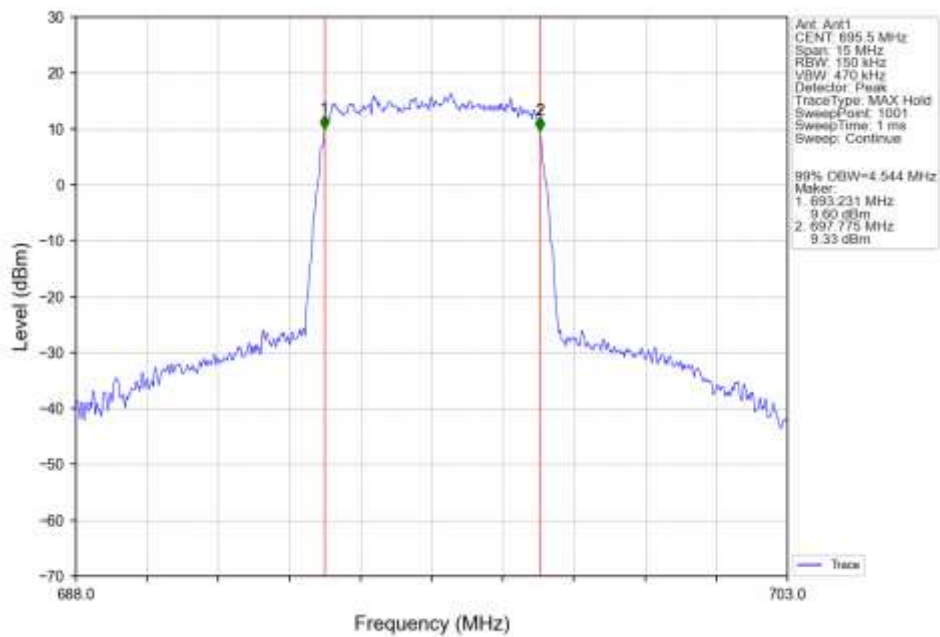
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTV



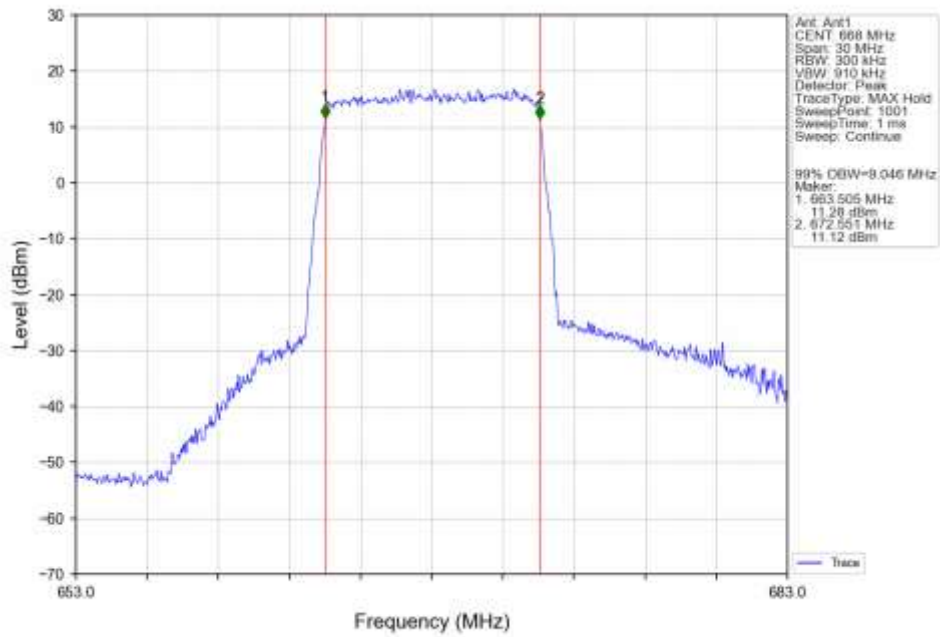
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



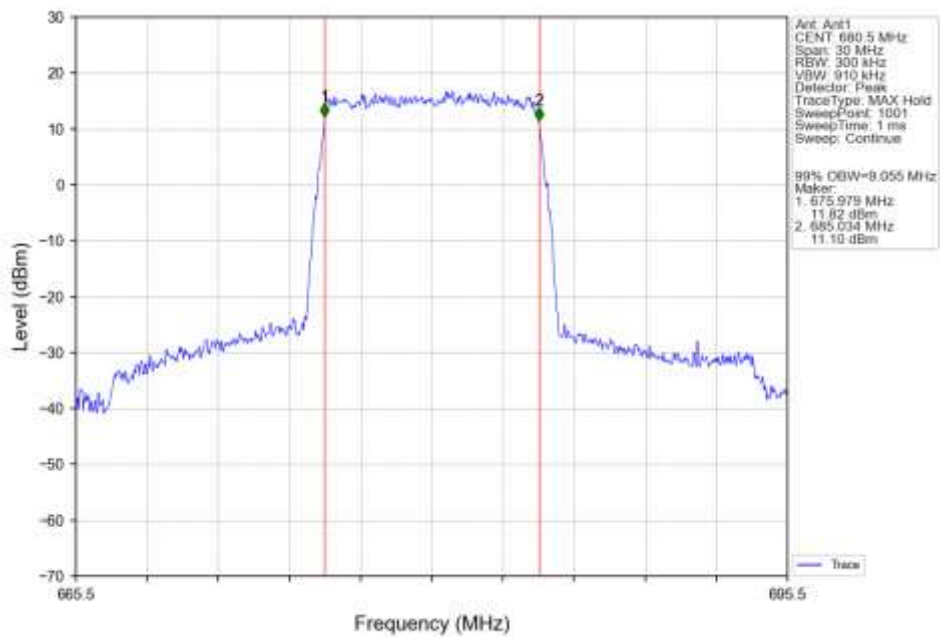
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



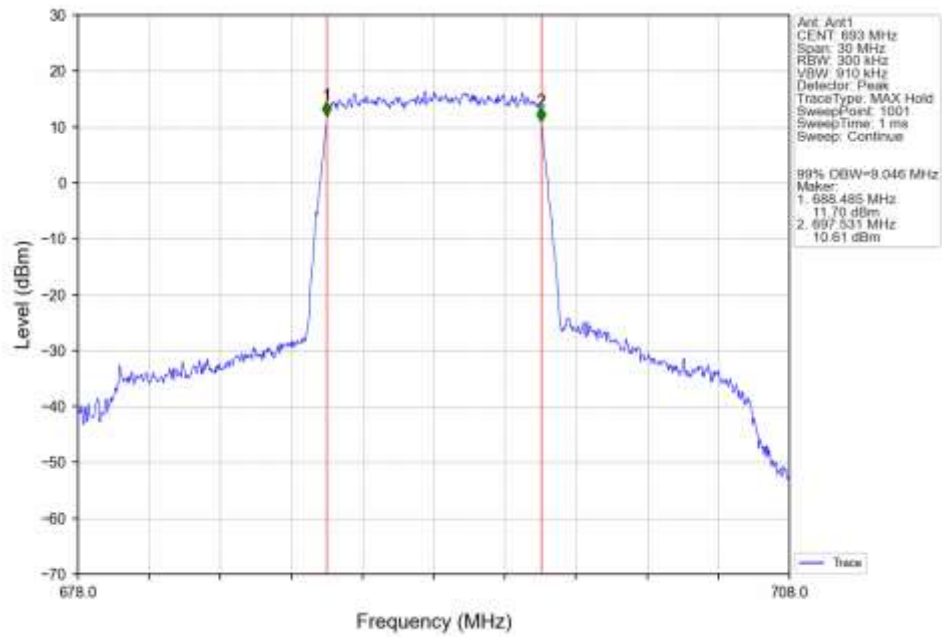
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



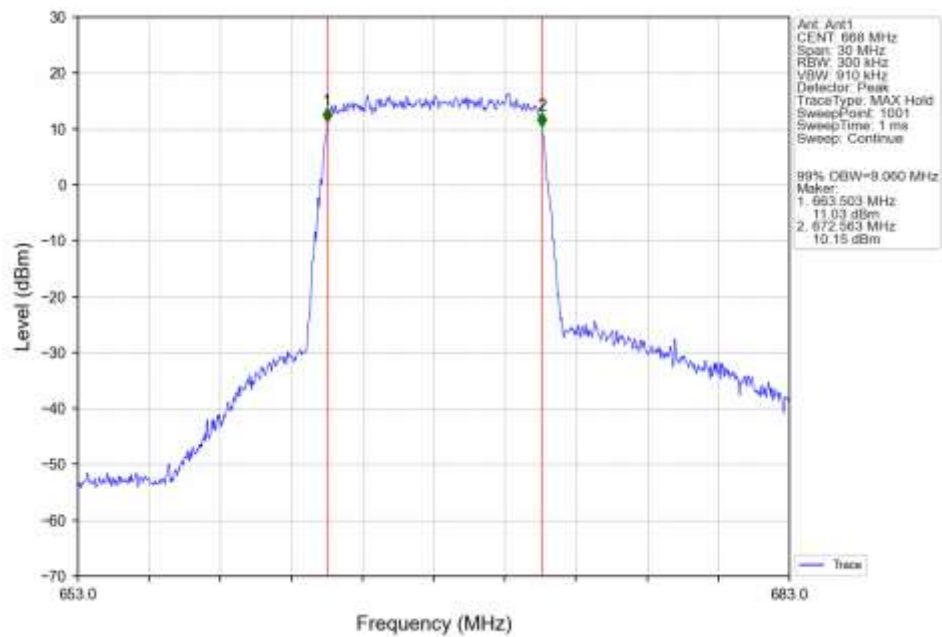
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



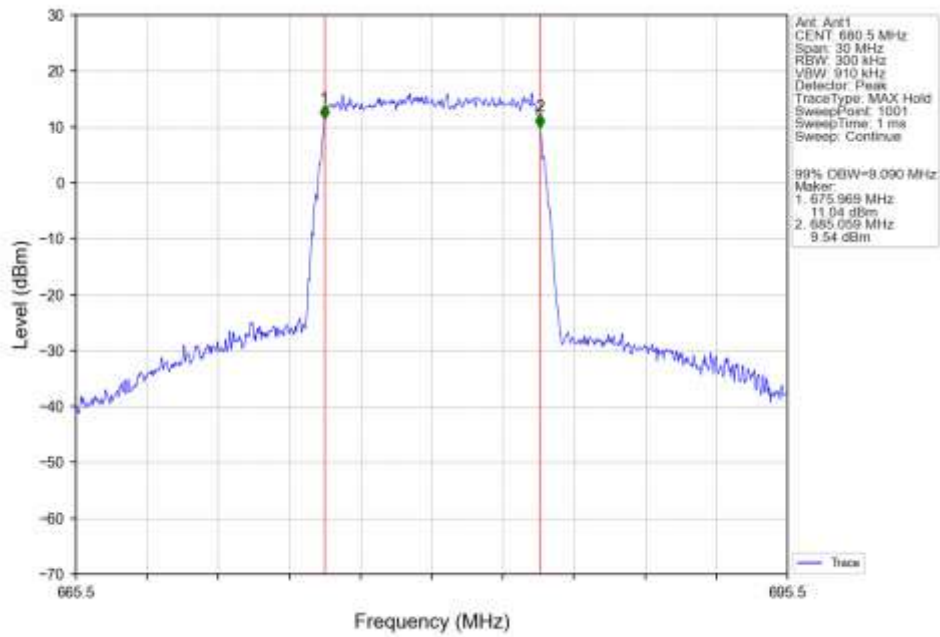
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



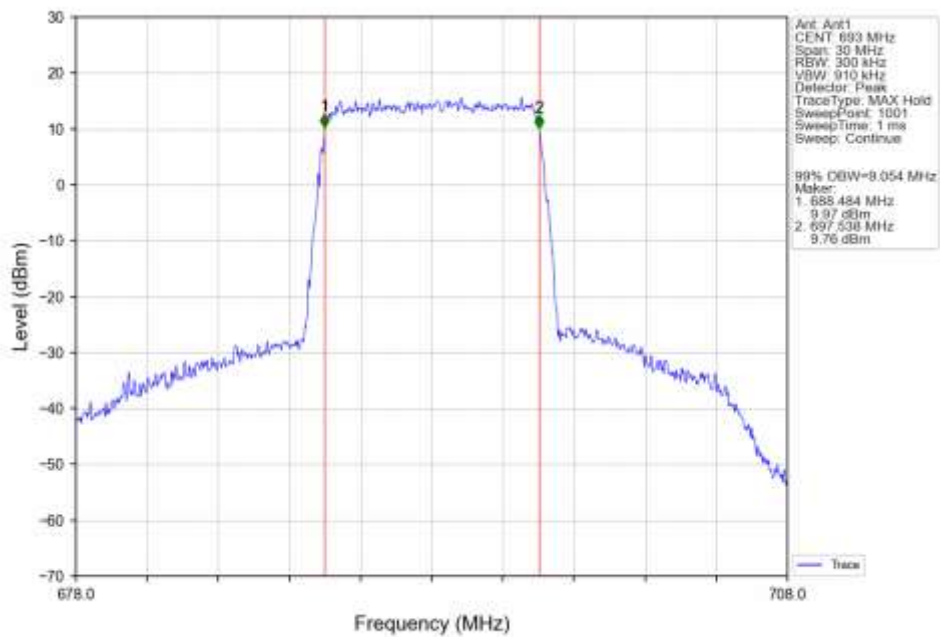
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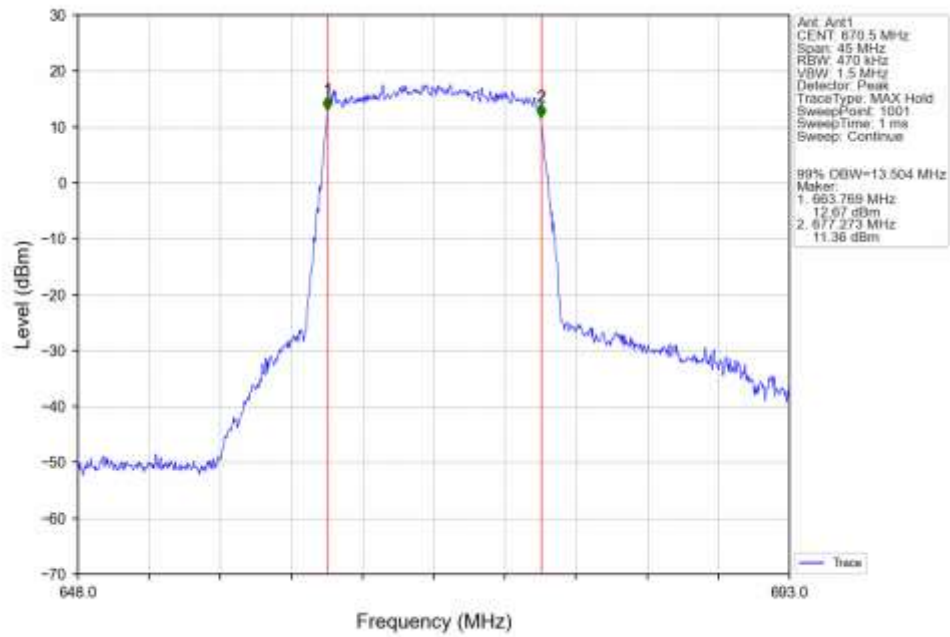
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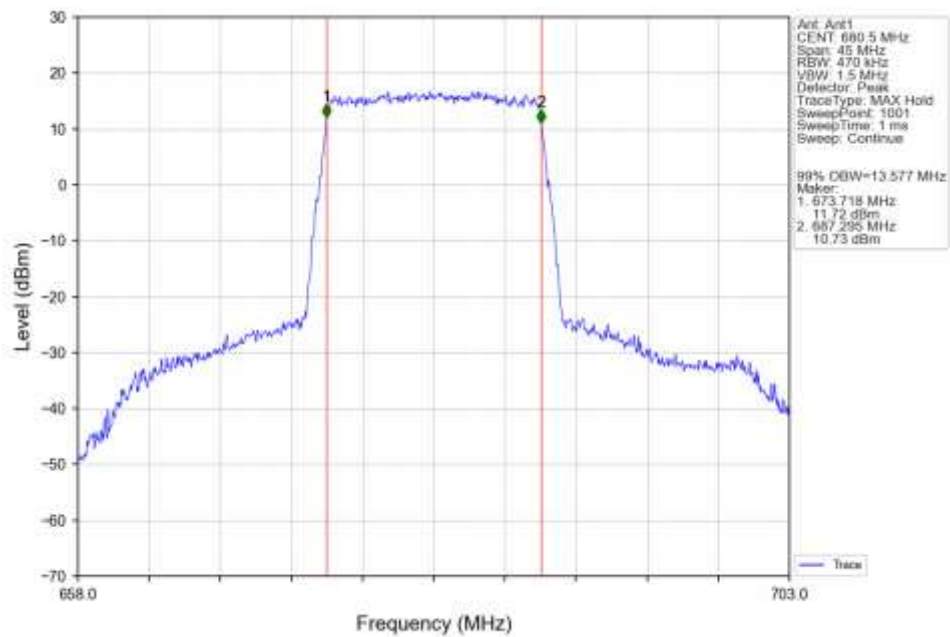
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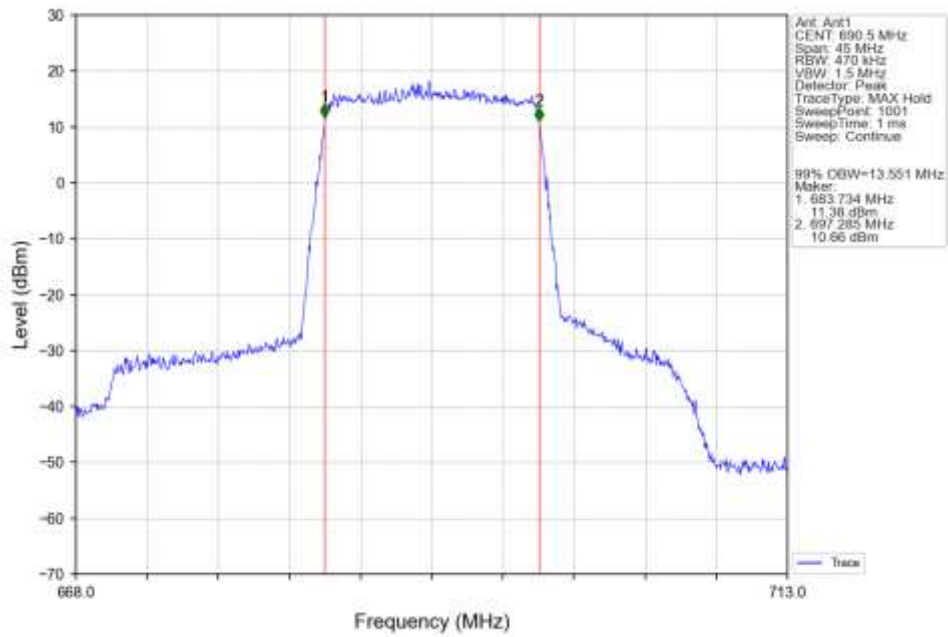
Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV



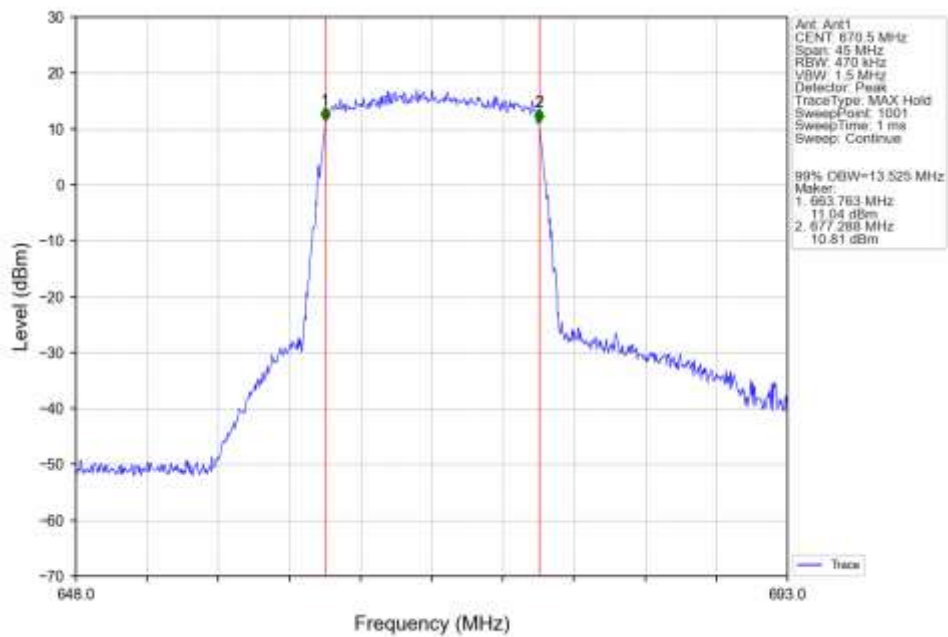
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



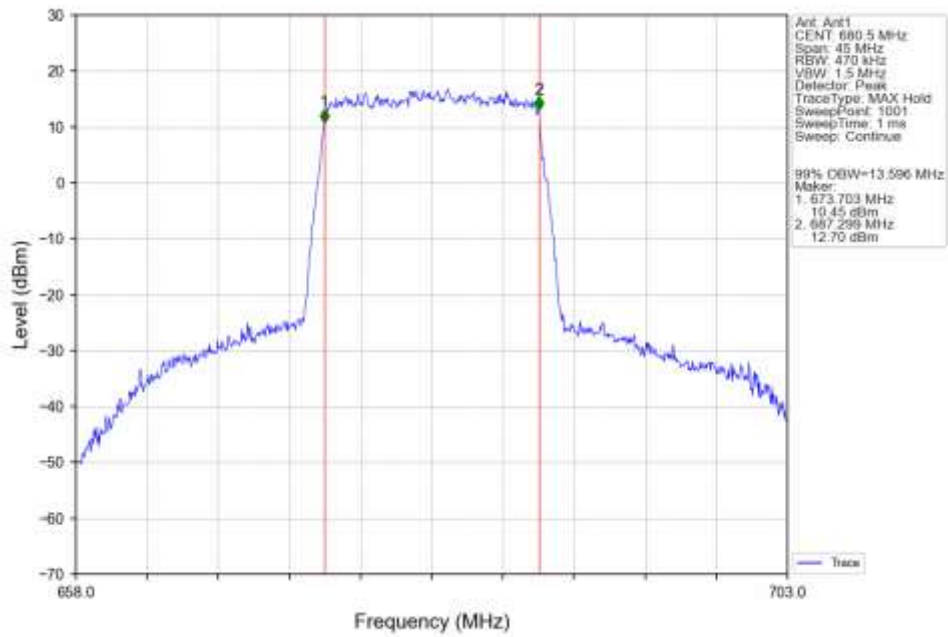
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



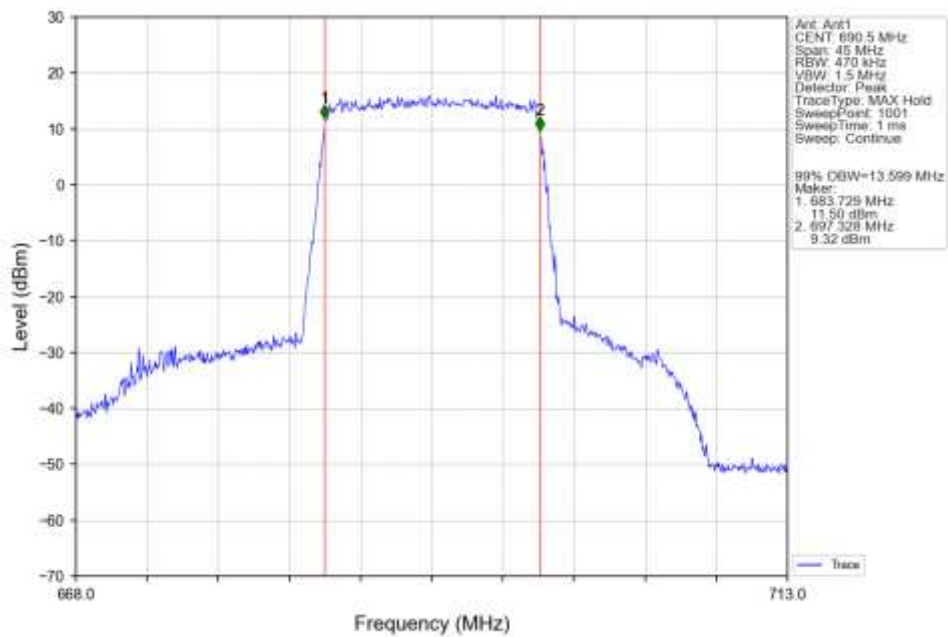
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



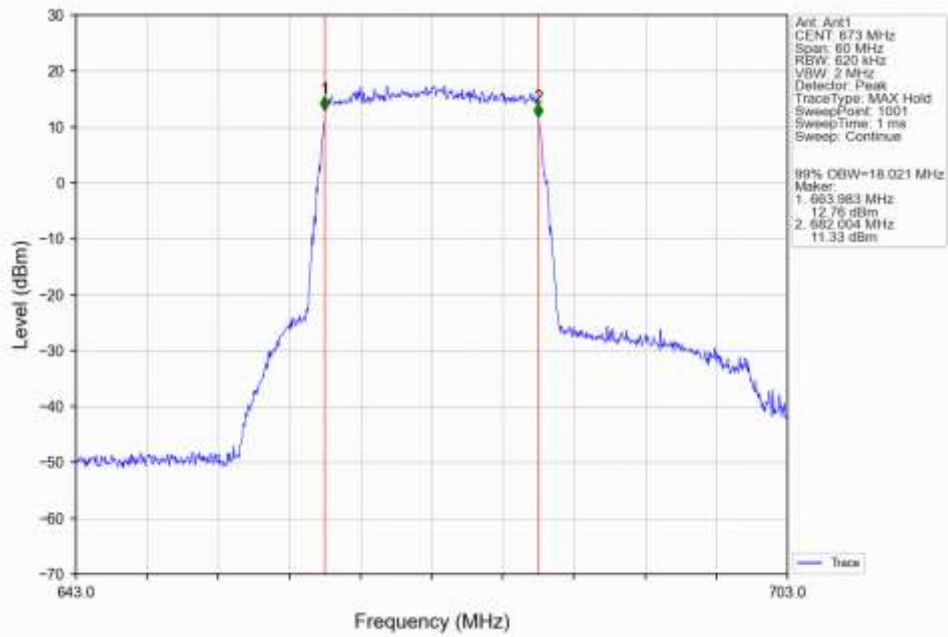
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTNV



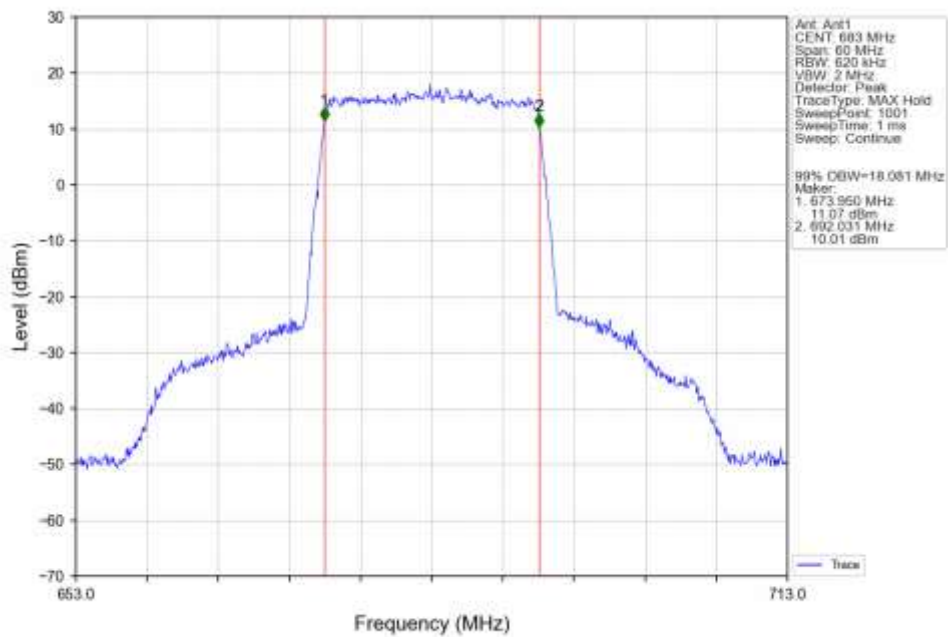
Band71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTNV



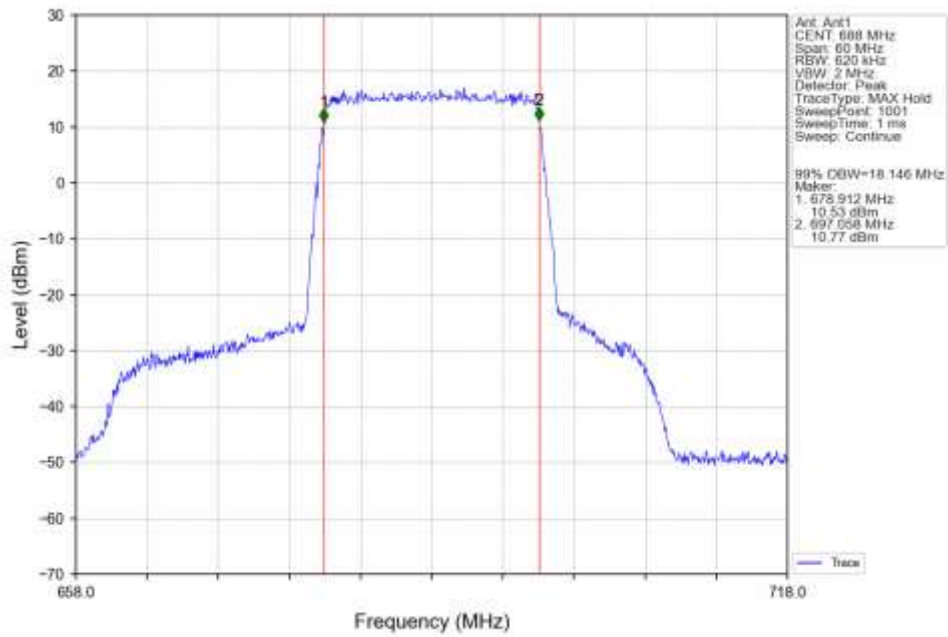
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



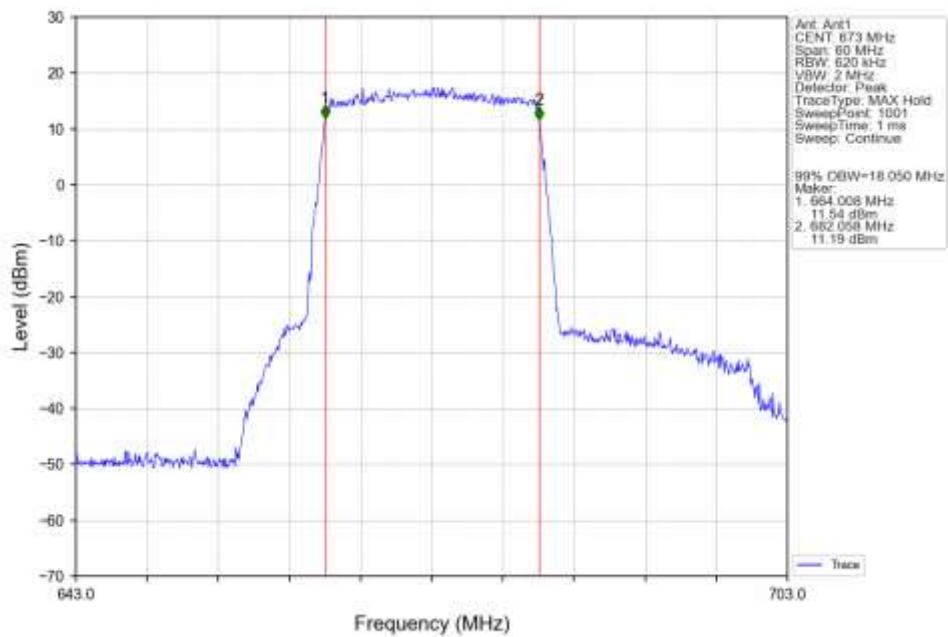
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



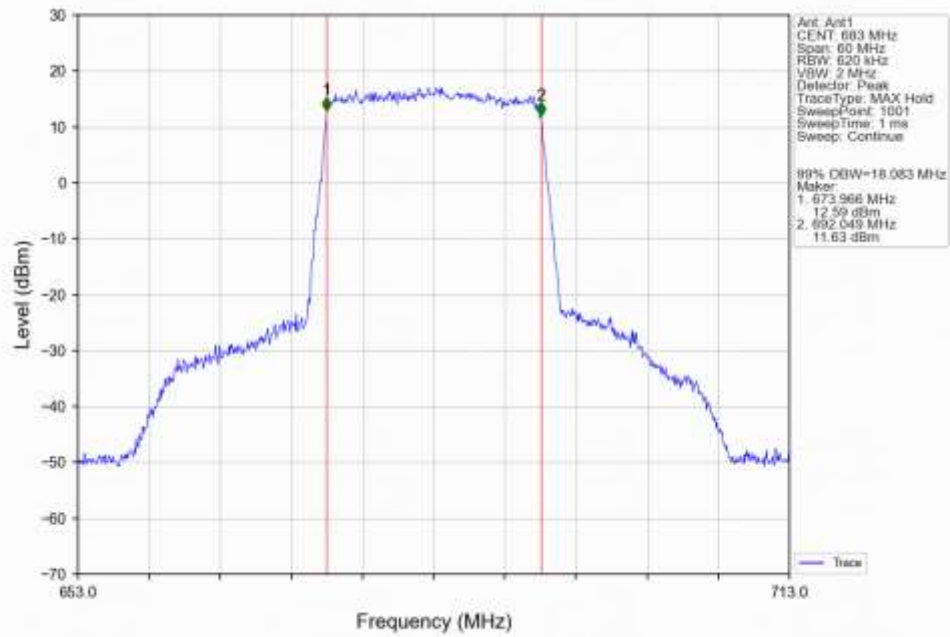
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



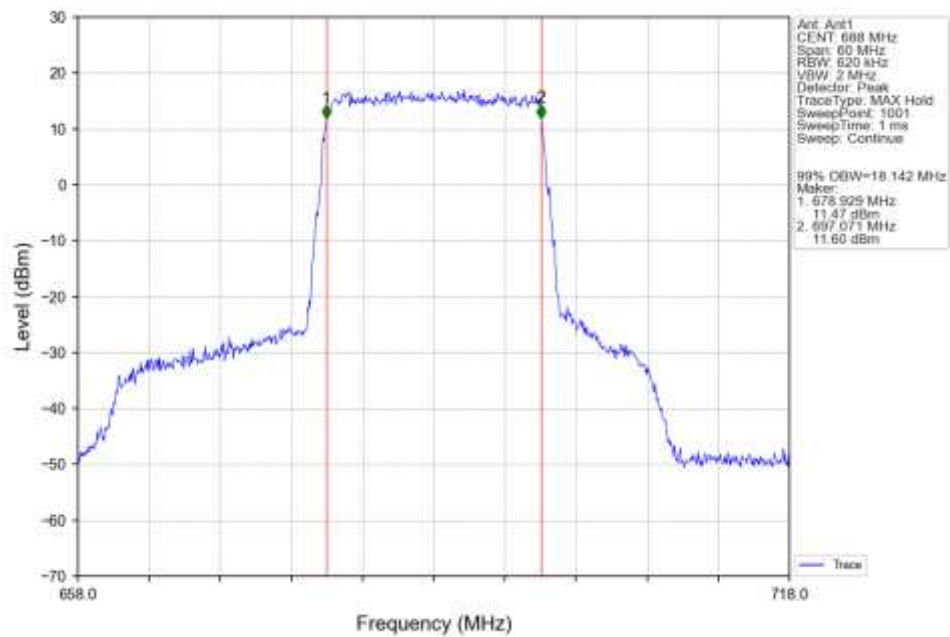
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTV

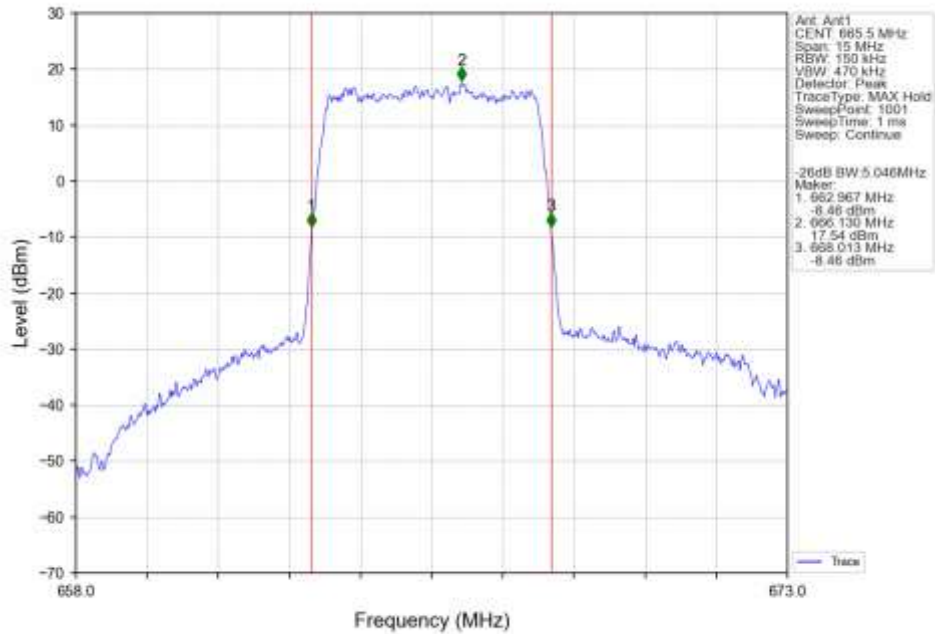


Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTV

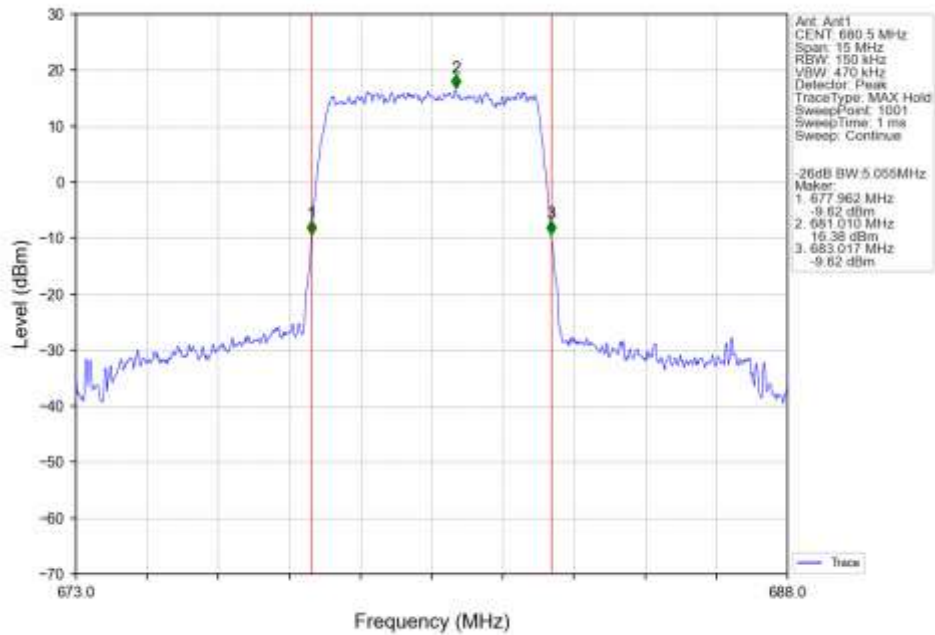


4.2.2 Band71_XDB

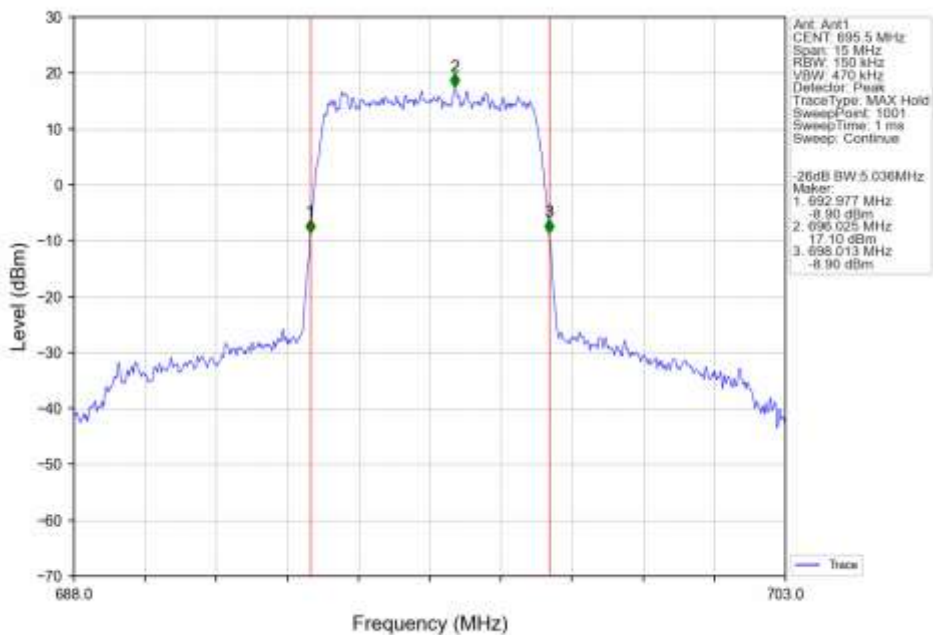
Band71_5MHz_QPSK_LCH_665.5MHz_RB_25_0_NTNV



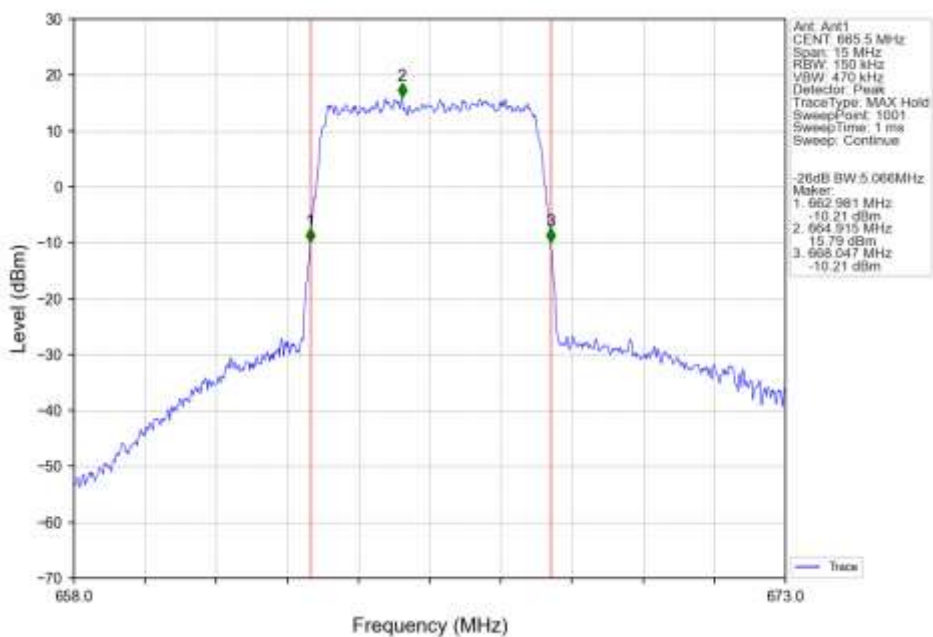
Band71_5MHz_QPSK_MCH_680.5MHz_RB_25_0_NTNV



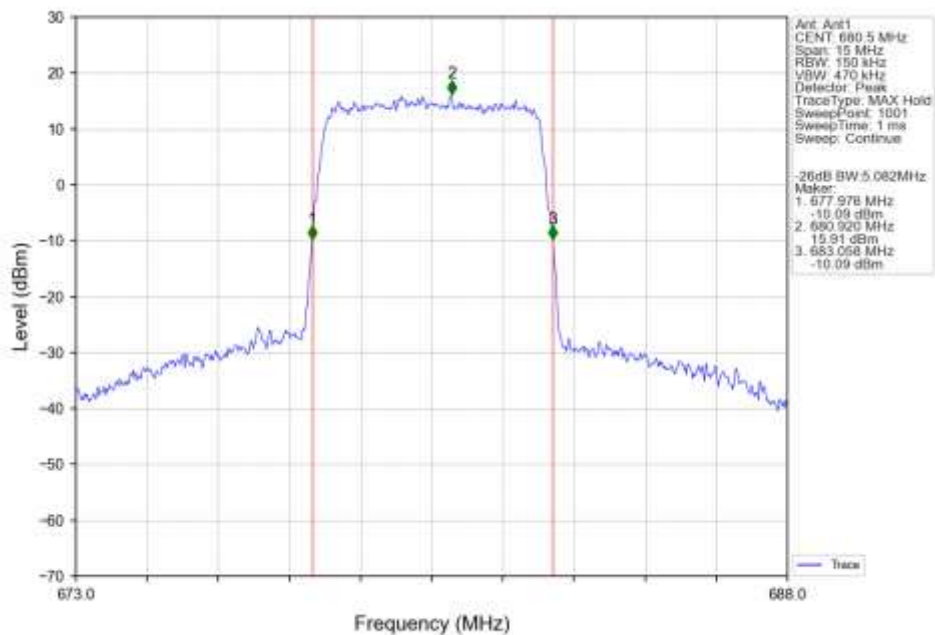
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



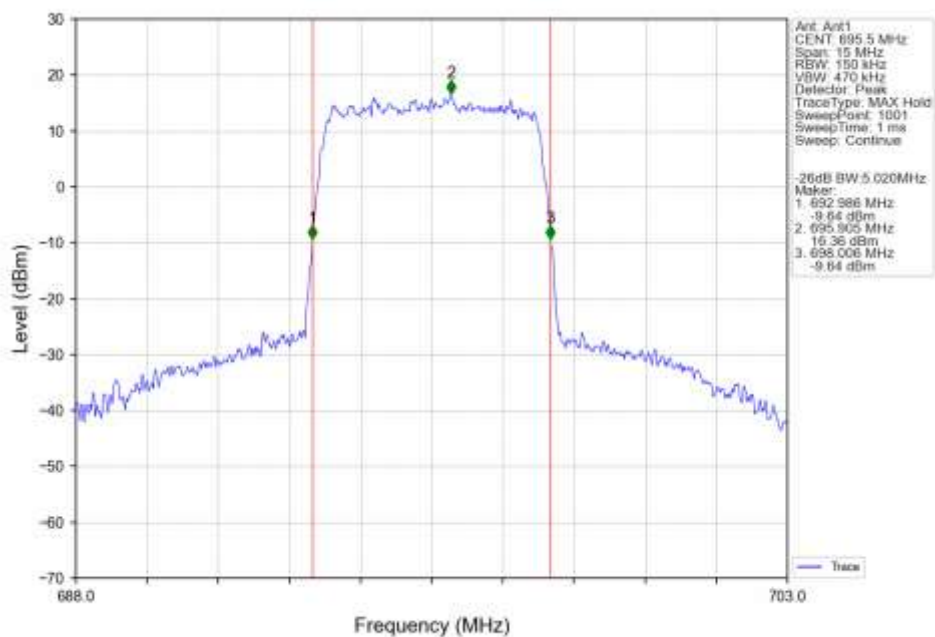
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



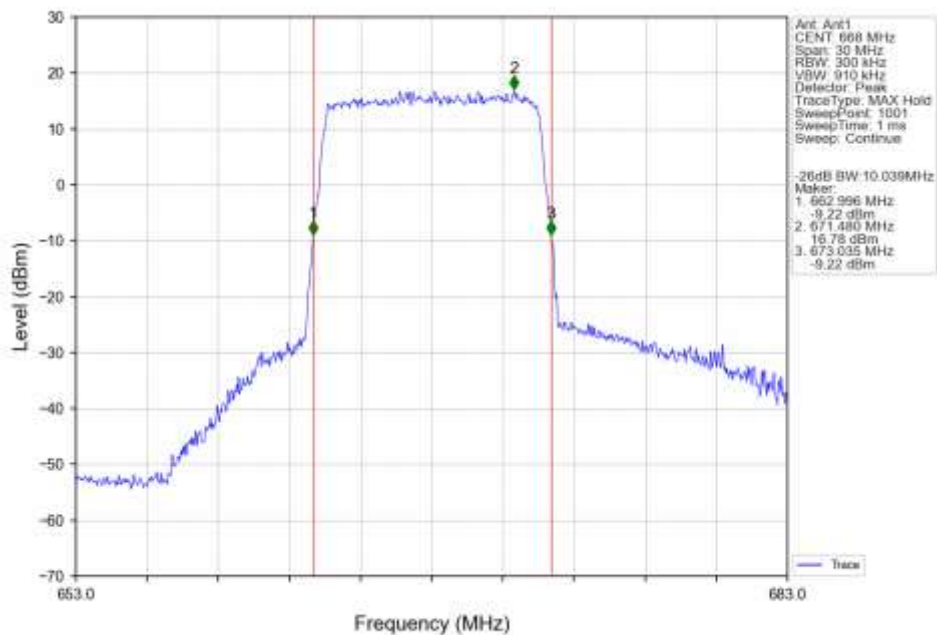
Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV



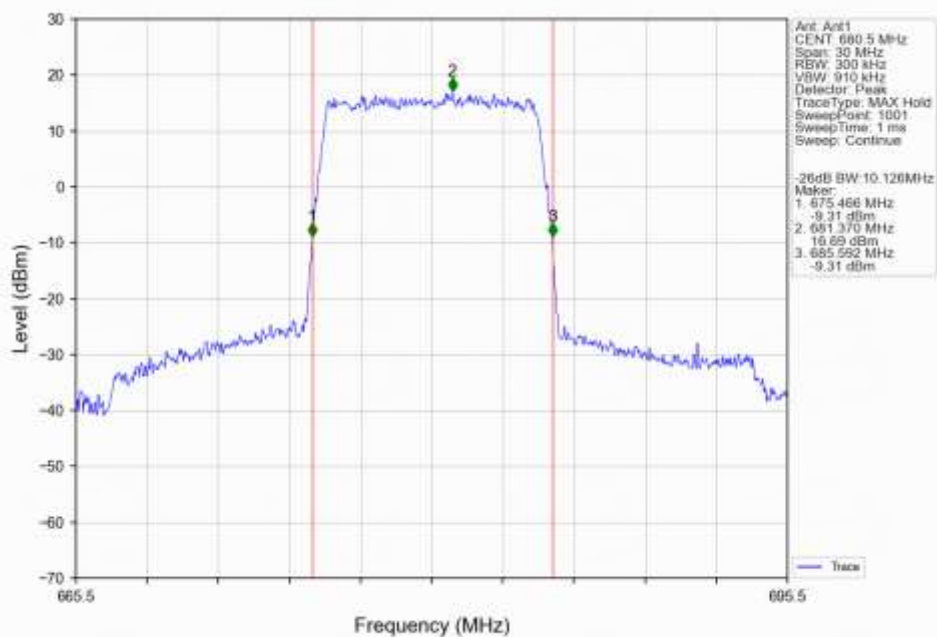
Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV



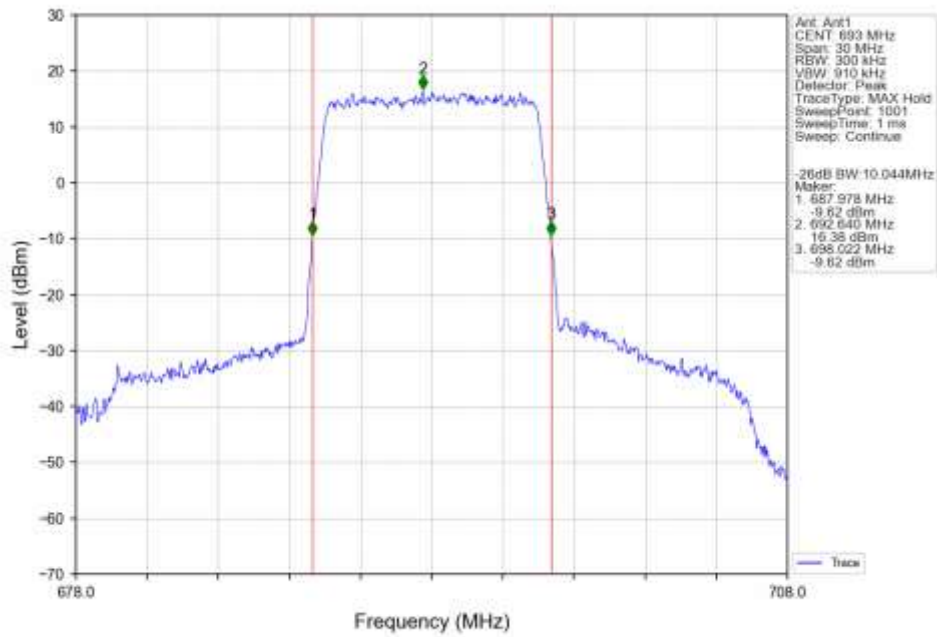
Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV



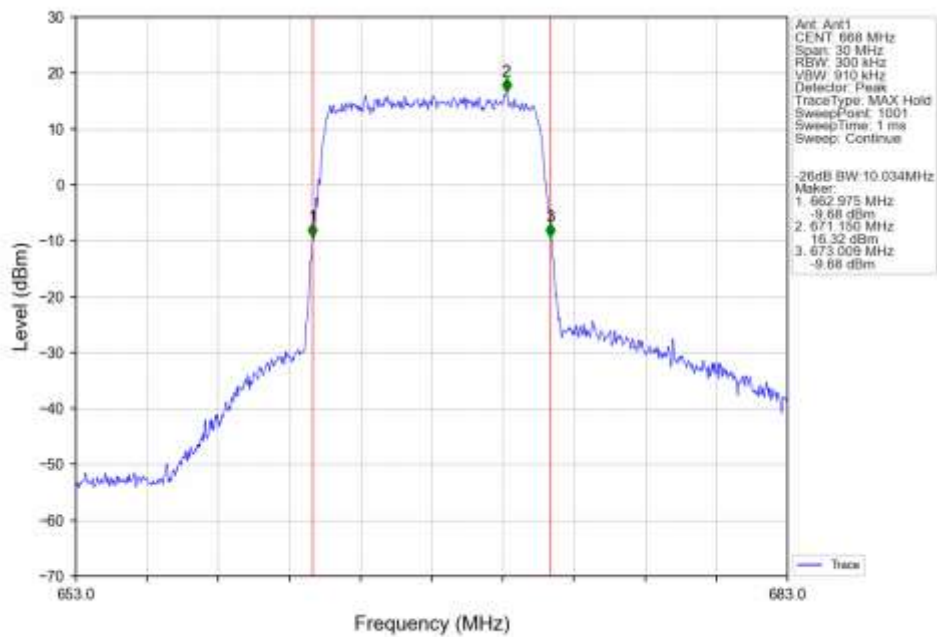
Band71 10MHz QPSK MCH 680.5MHz RB 50 0 NTNV



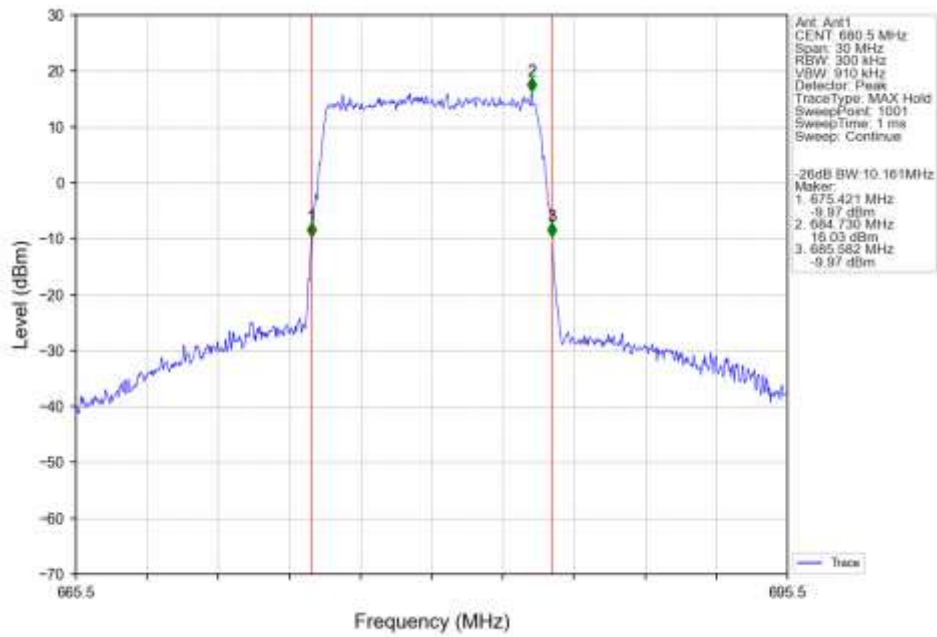
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



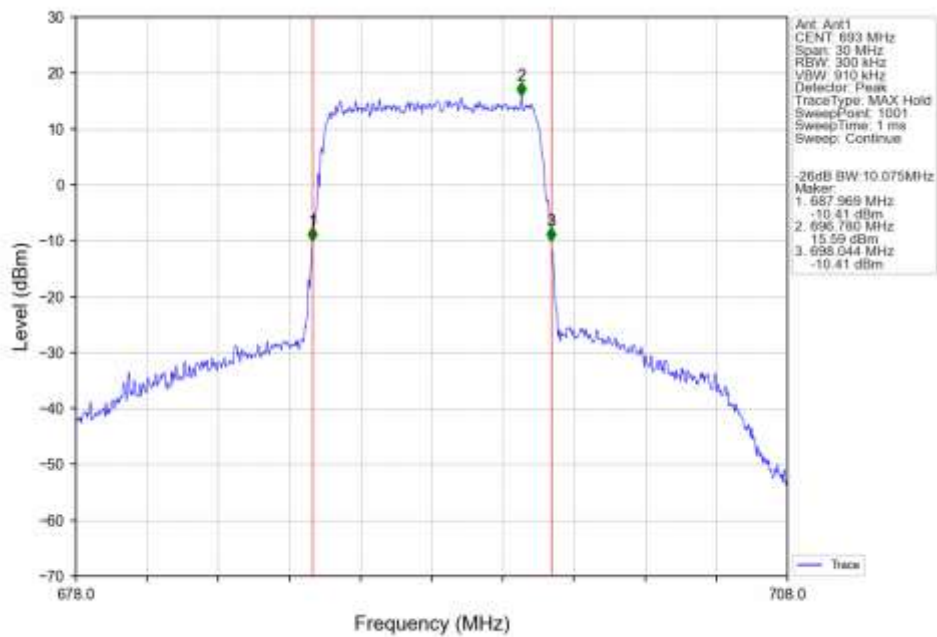
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV



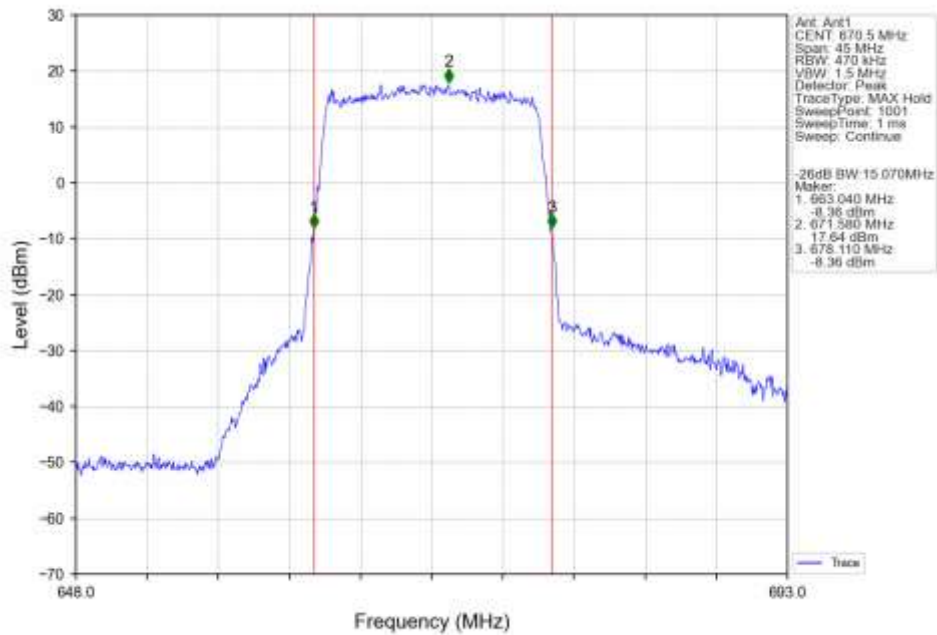
Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTNV



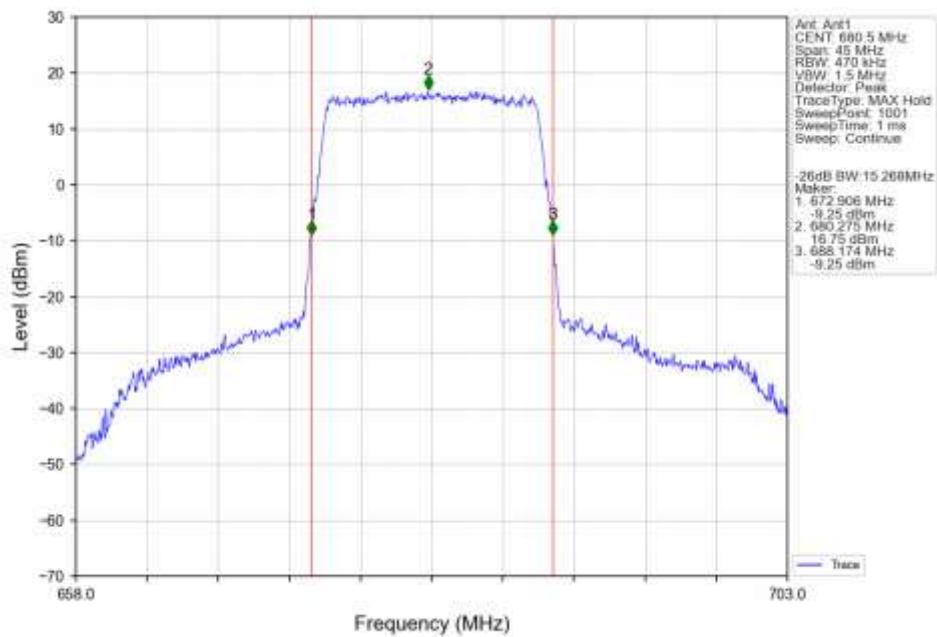
Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTNV



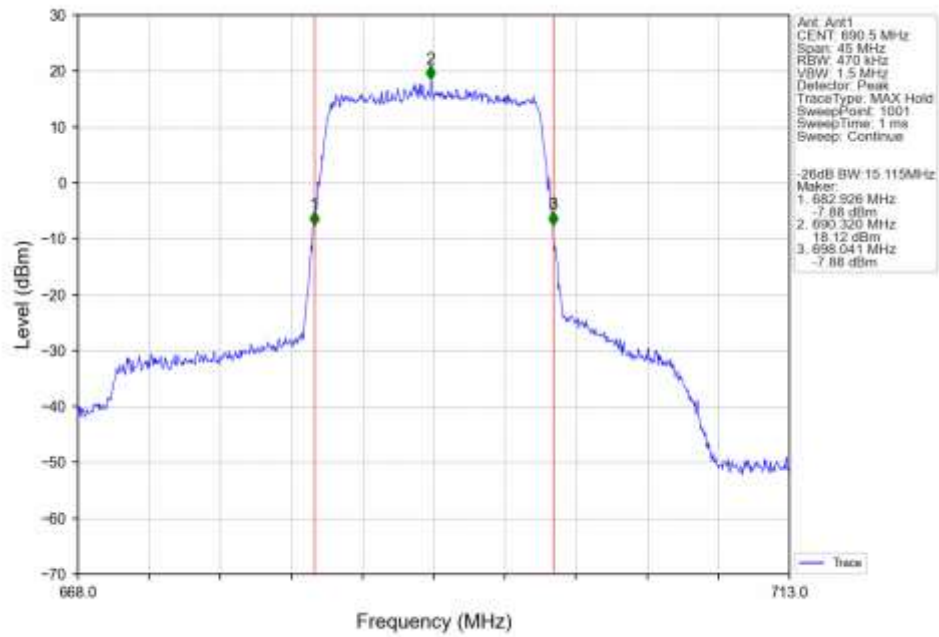
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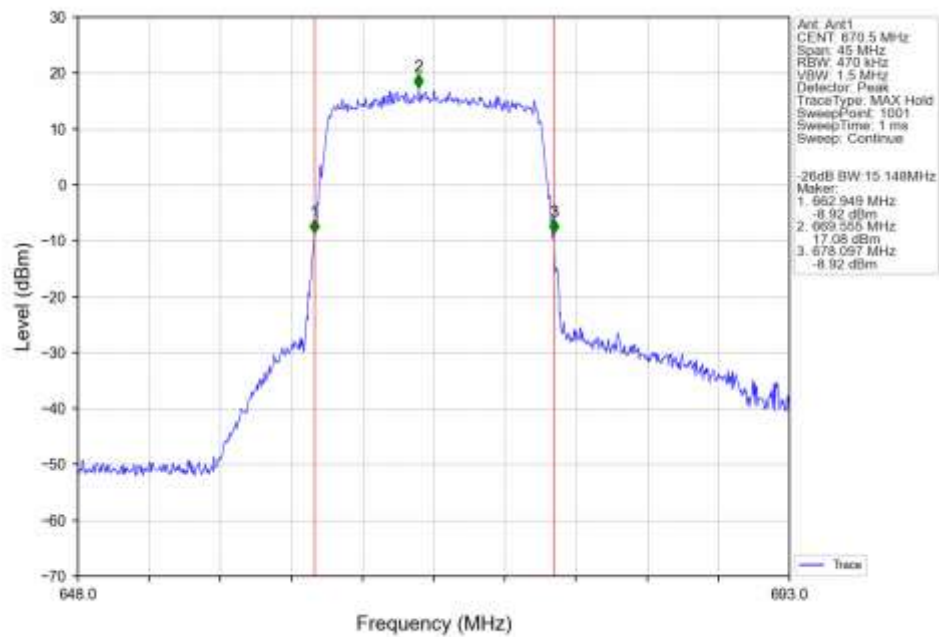
Band71 15MHz QPSK MCH 680.5MHz RB 75 0 NTNV



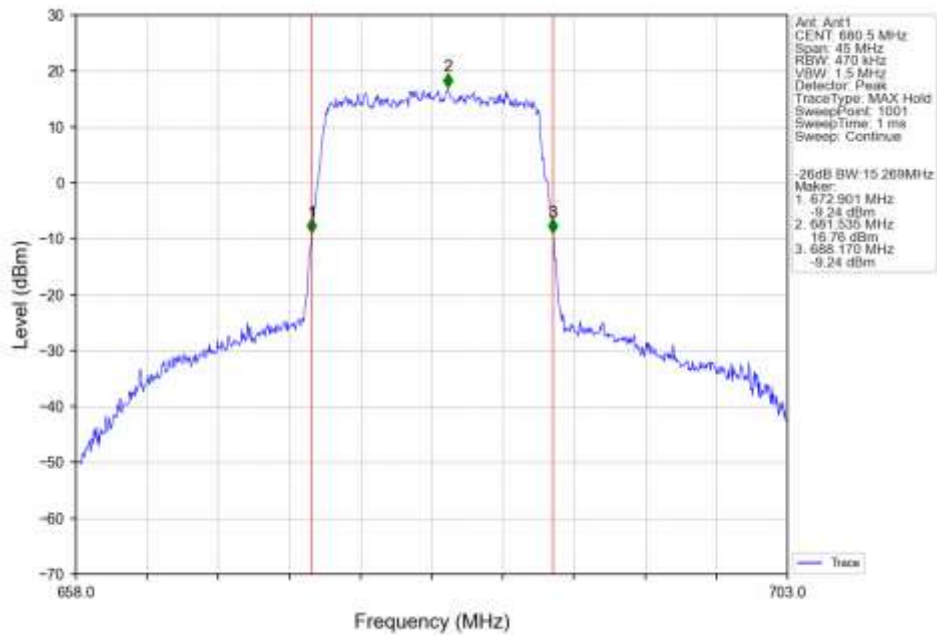
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



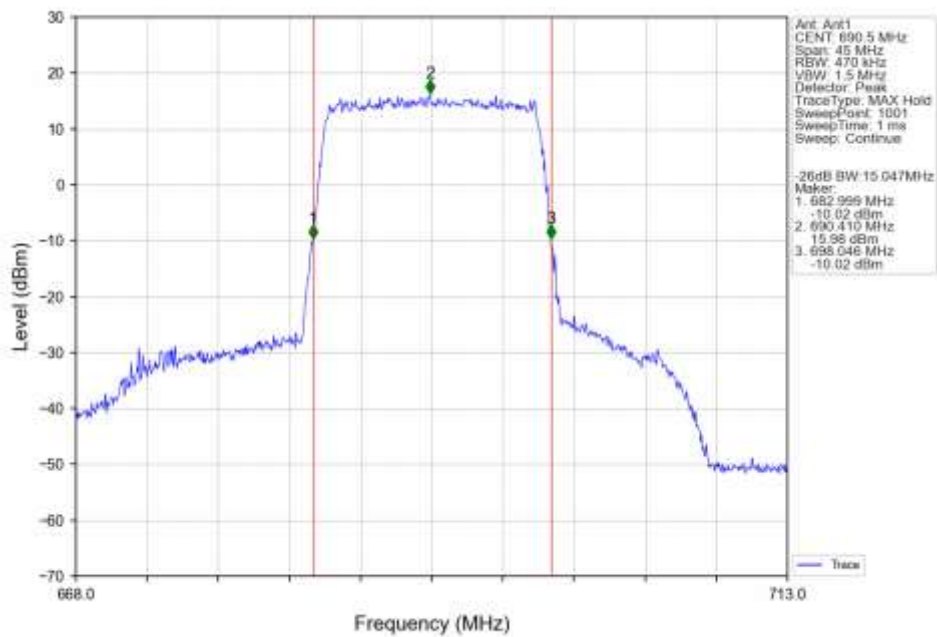
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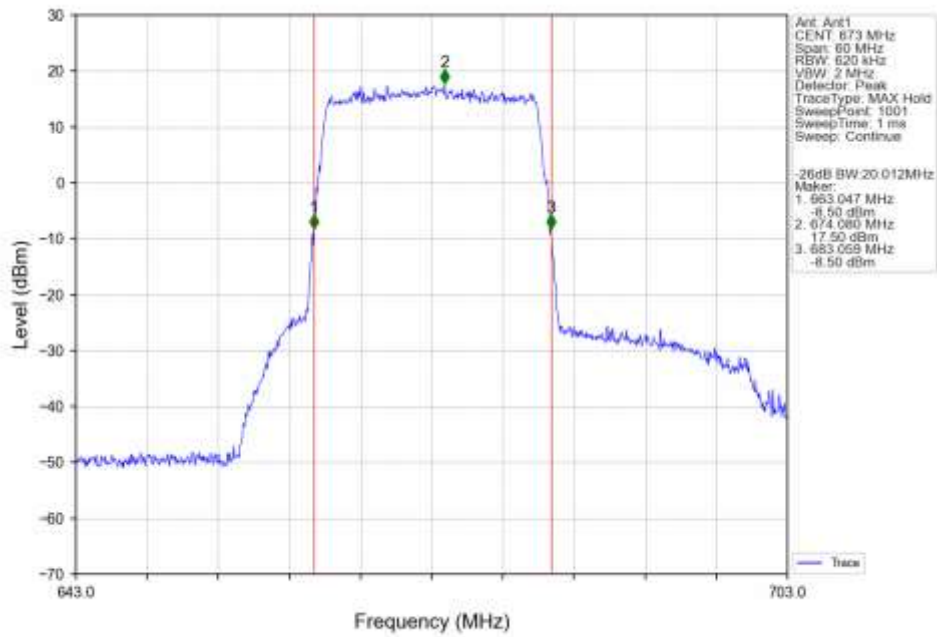
Band71 15MHz 16QAM MCH 680.5MHz RB 75 0 NTNV



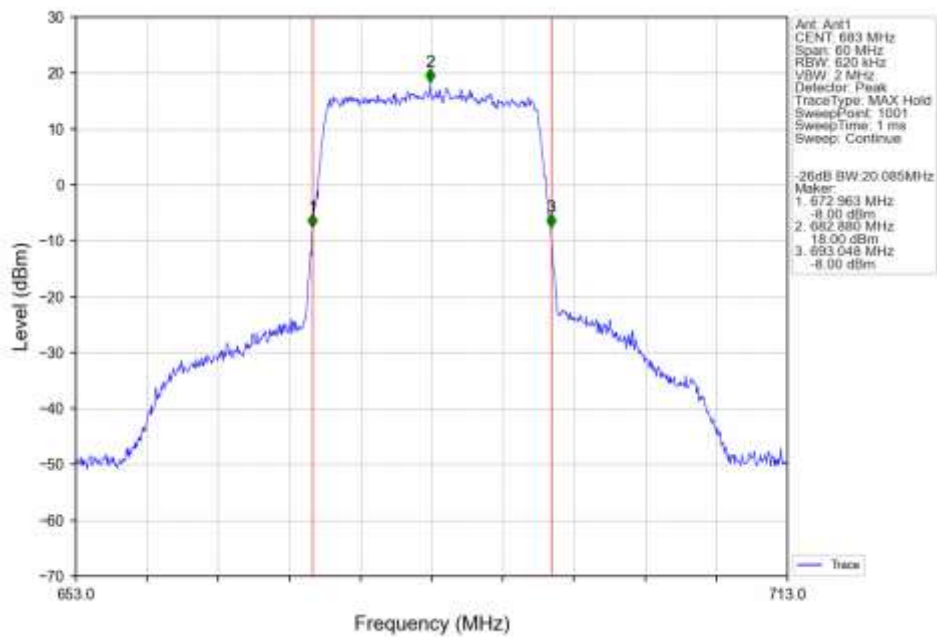
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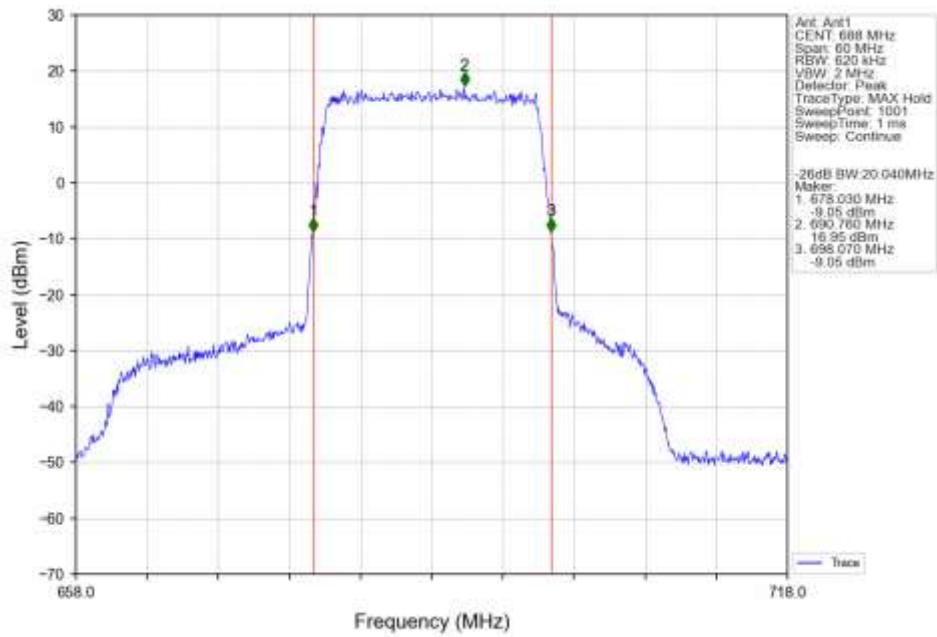
Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV



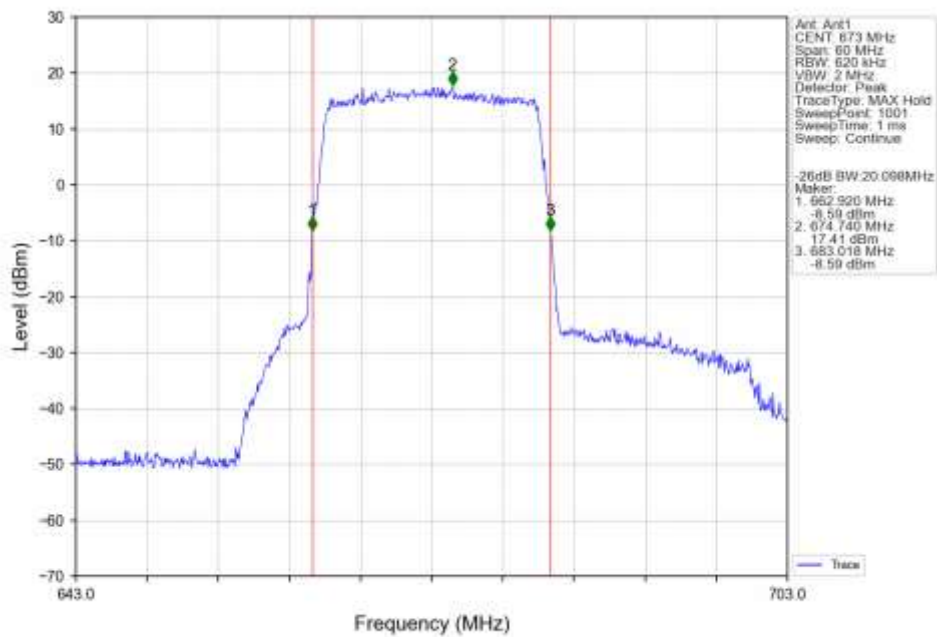
Band71 20MHz QPSK MCH 683MHz RB 100 0 NTNV



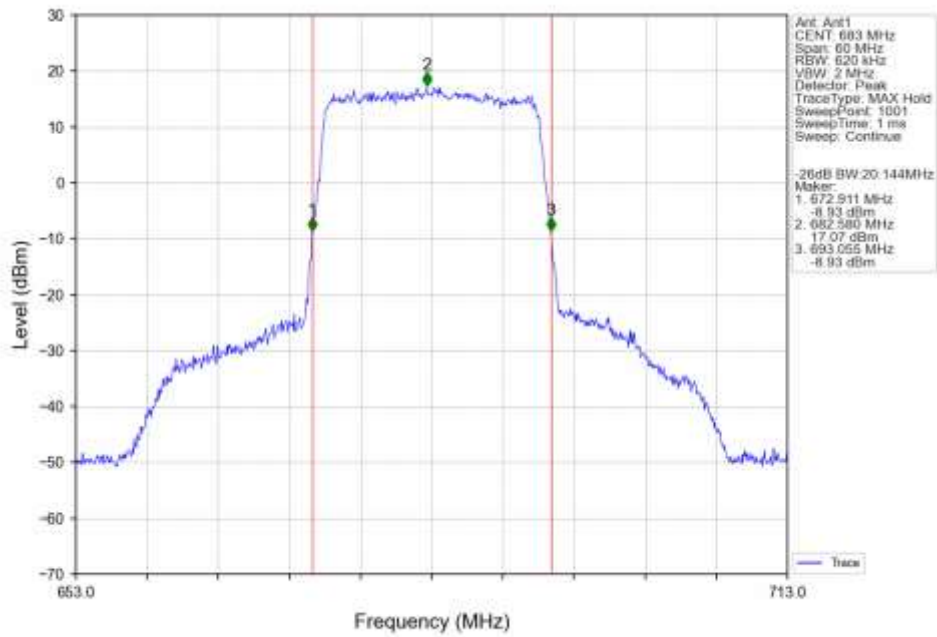
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



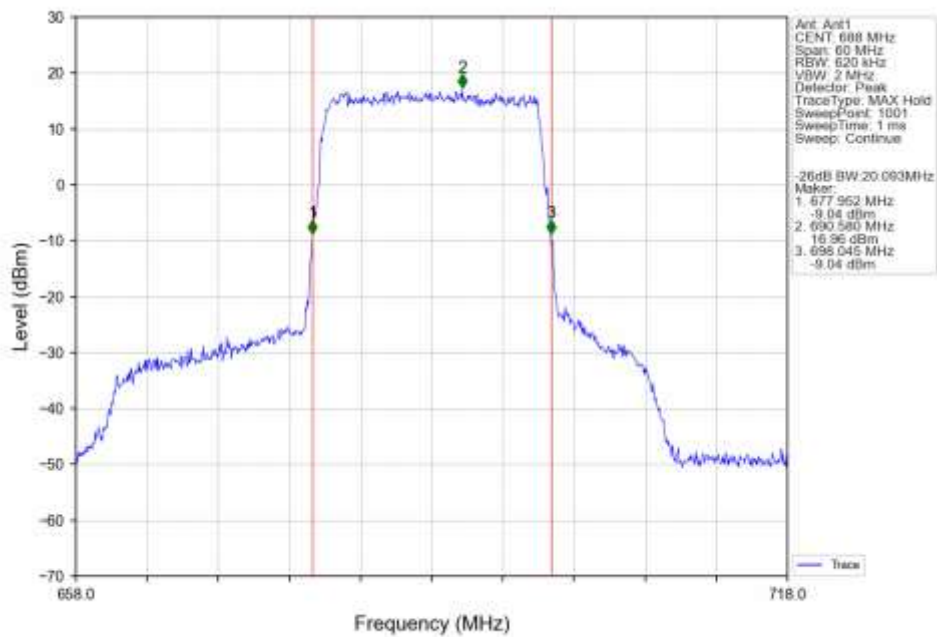
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



5. Peak-Average Ratio

5.1 Test Result

5.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	25	0	5.61	<=13	Pass
	680.5	25	0	5.75	<=13	Pass
	695.5	25	0	5.65	<=13	Pass
16QAM	665.5	25	0	6.41	<=13	Pass
	680.5	25	0	6.46	<=13	Pass
	695.5	25	0	6.35	<=13	Pass

5.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	668	50	0	5.55	<=13	Pass
	680.5	50	0	5.71	<=13	Pass
	693	50	0	5.73	<=13	Pass
16QAM	668	50	0	6.31	<=13	Pass
	680.5	50	0	6.48	<=13	Pass
	693	50	0	6.46	<=13	Pass

5.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	75	0	5.63	<=13	Pass
	680.5	75	0	5.88	<=13	Pass
	690.5	75	0	6.03	<=13	Pass
16QAM	670.5	75	0	6.22	<=13	Pass
	680.5	75	0	6.41	<=13	Pass
	690.5	75	0	6.47	<=13	Pass

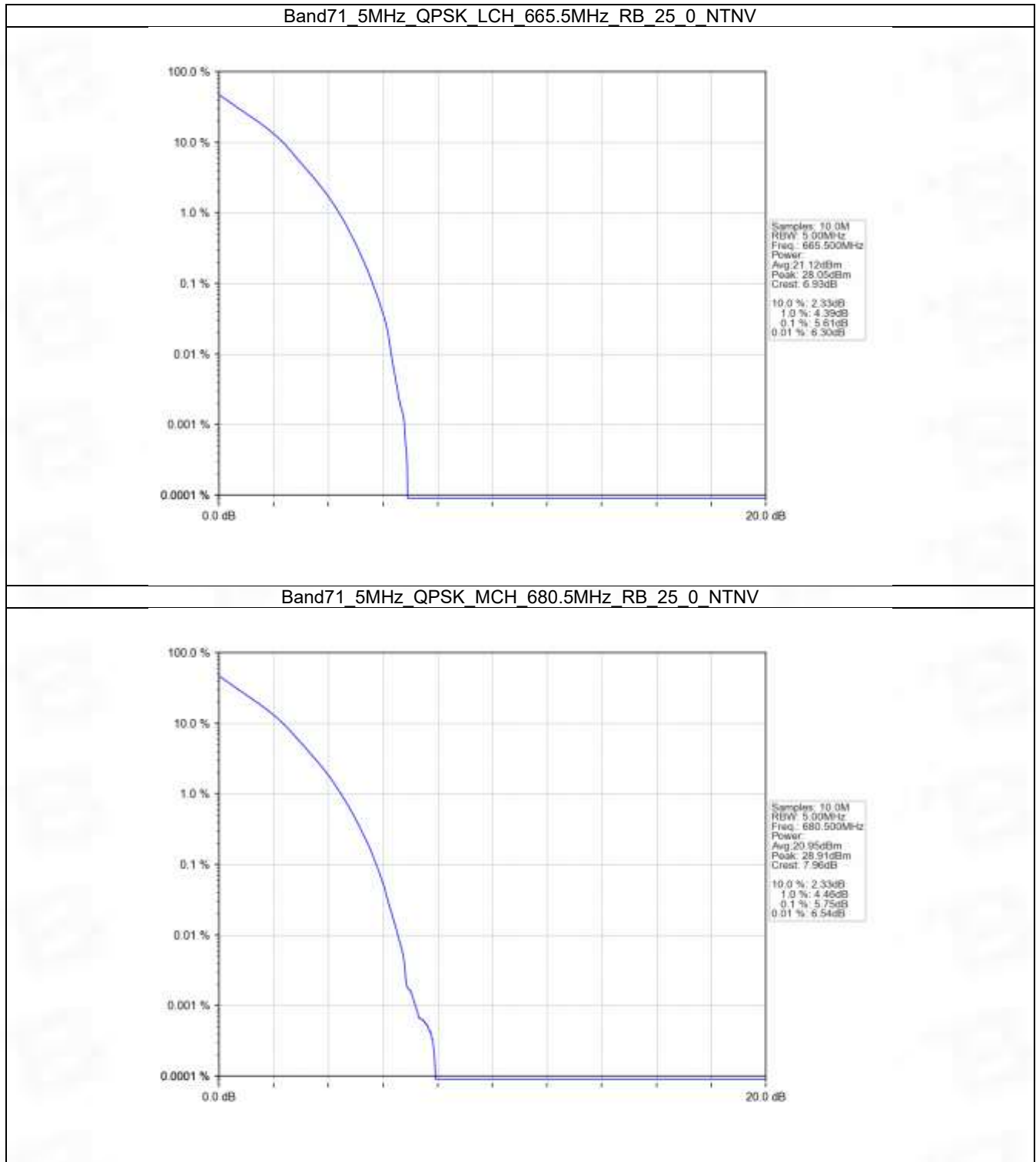
5.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	673	100	0	5.62	<=13	Pass
	683	100	0	5.55	<=13	Pass
	688	100	0	5.67	<=13	Pass
16QAM	673	100	0	6.34	<=13	Pass
	683	100	0	6.40	<=13	Pass

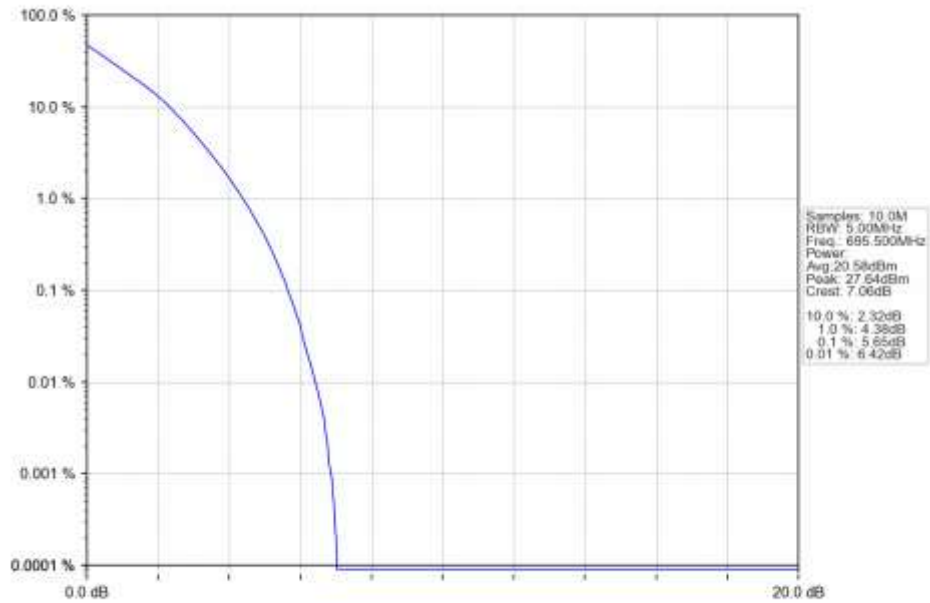
	688	100	0	6.47	<=13	Pass
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5.2 Test Graph

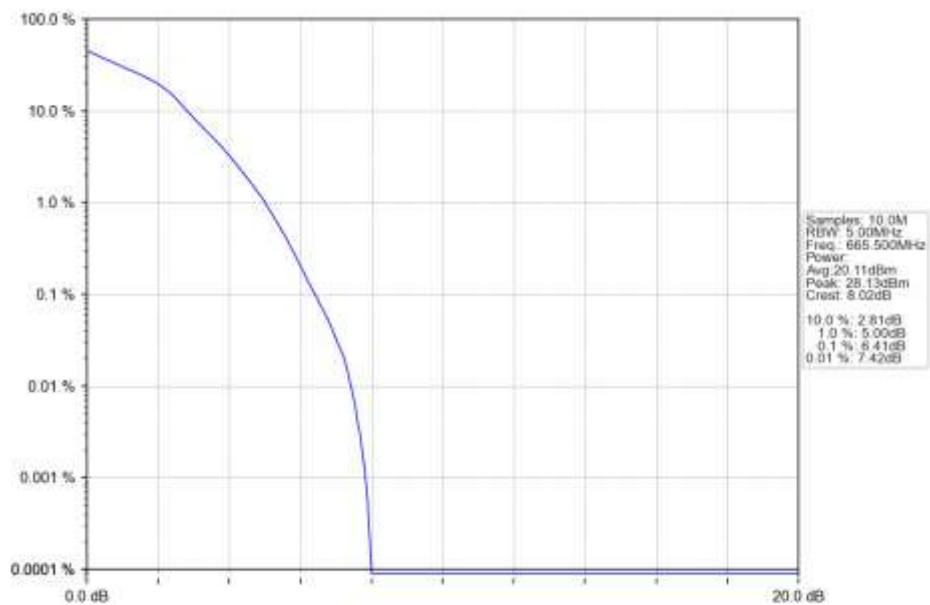
5.2.1 B71_5MHz



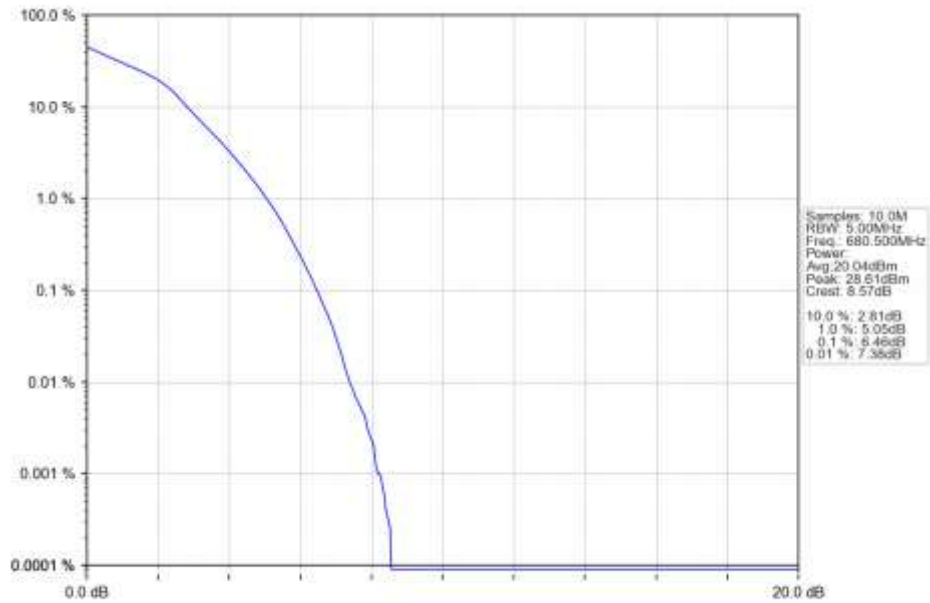
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTNV



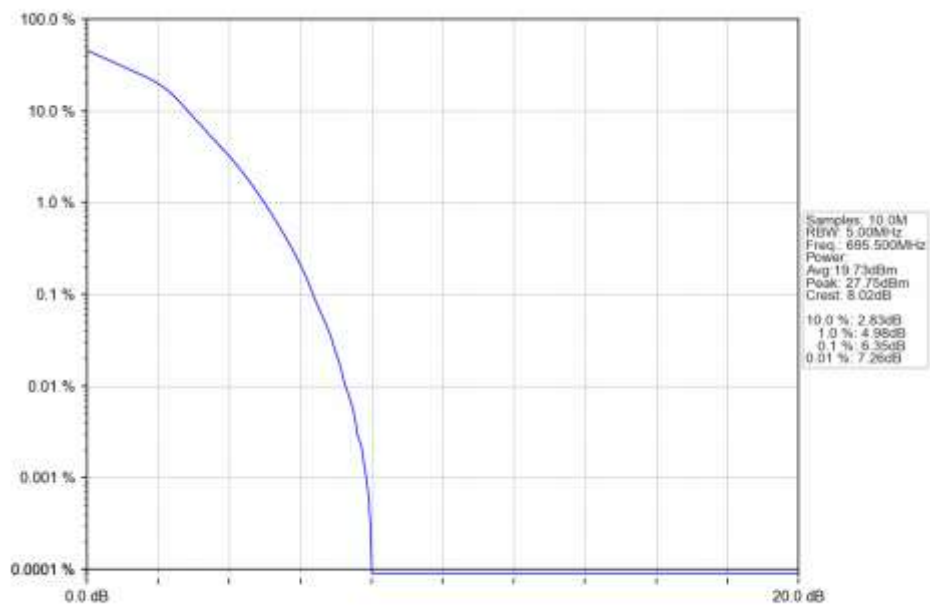
Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV



Band71 5MHz 16QAM MCH 680.5MHz RB 25 0 NTNV

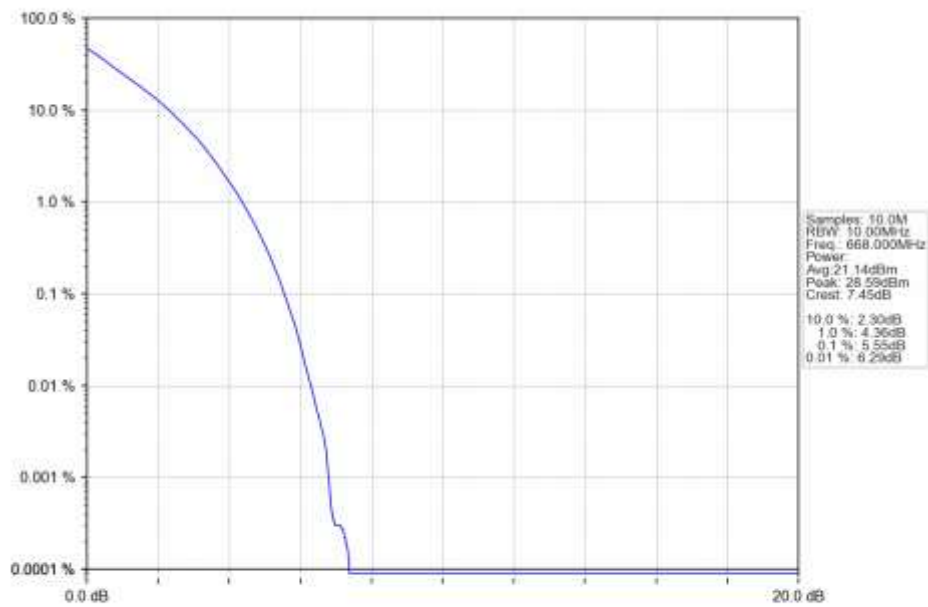


Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTNV

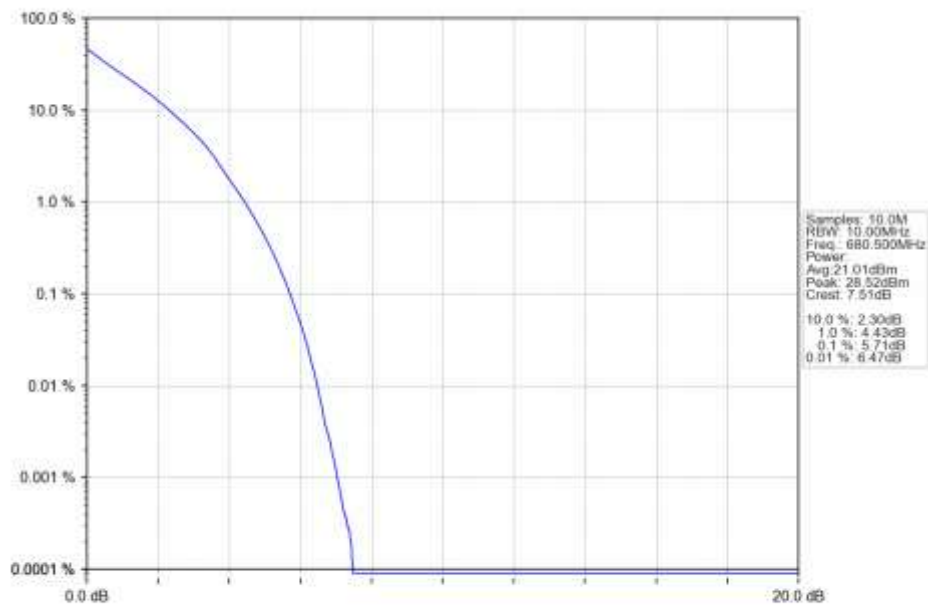


5.2.2 B71_10MHz

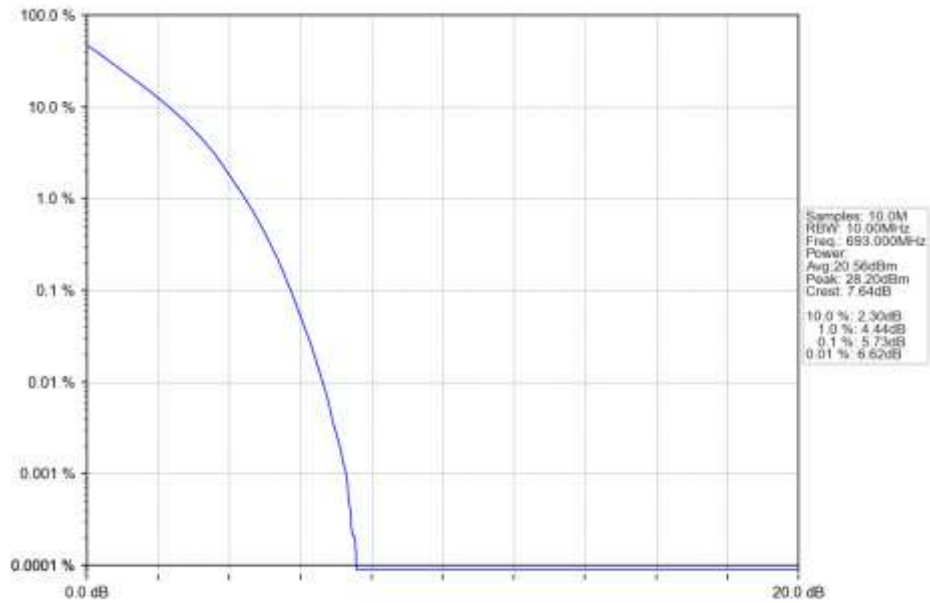
Band71_10MHz_QPSK_LCH_668MHz_RB_50_0_NTNV



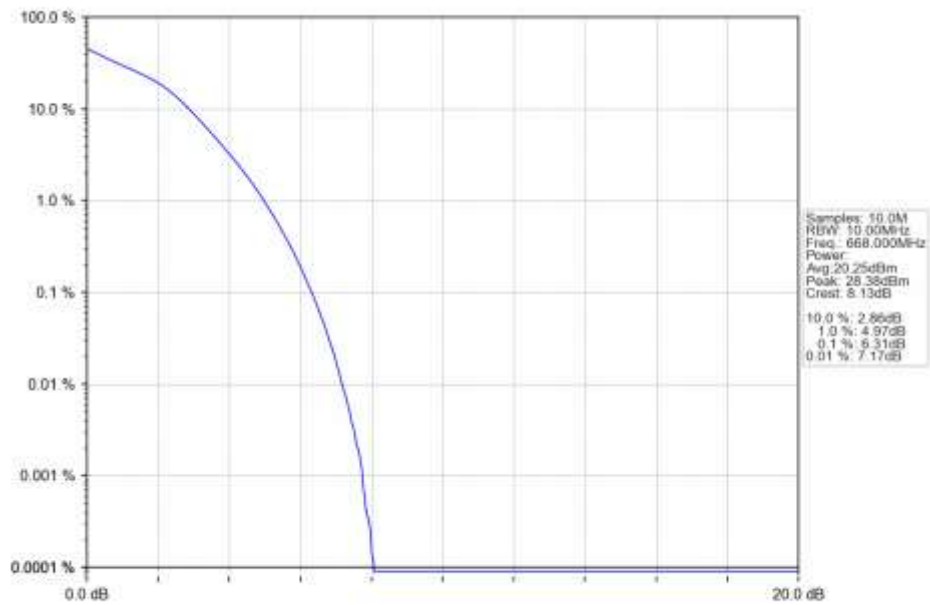
Band71_10MHz_QPSK_MCH_680.5MHz_RB_50_0_NTNV



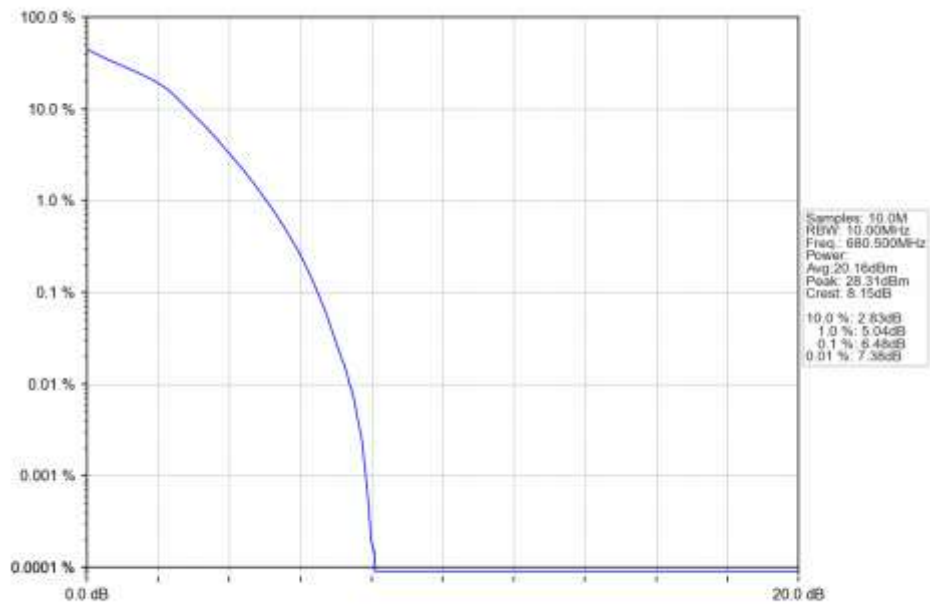
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTN



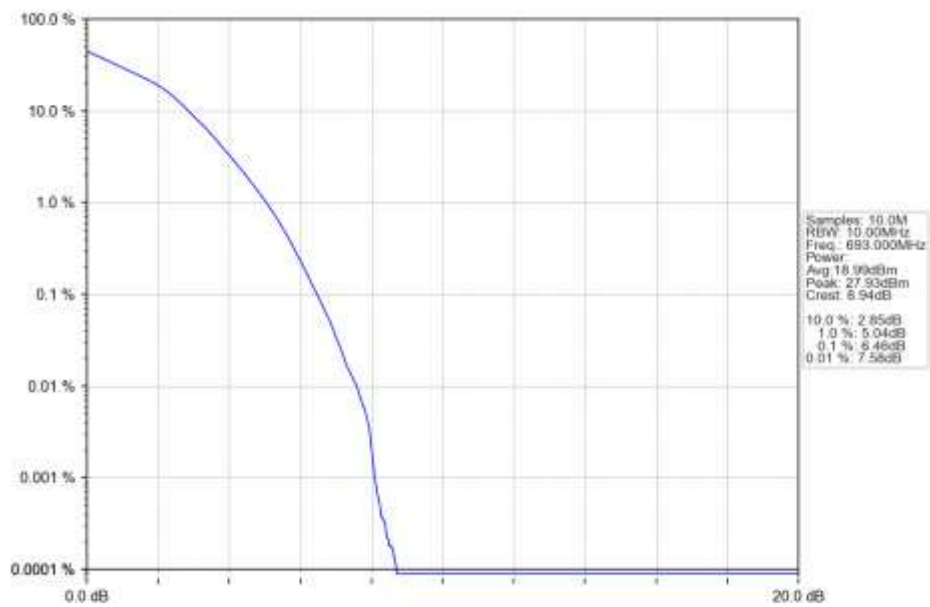
Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTN



Band71 10MHz 16QAM MCH 680.5MHz RB 50 0 NTNV

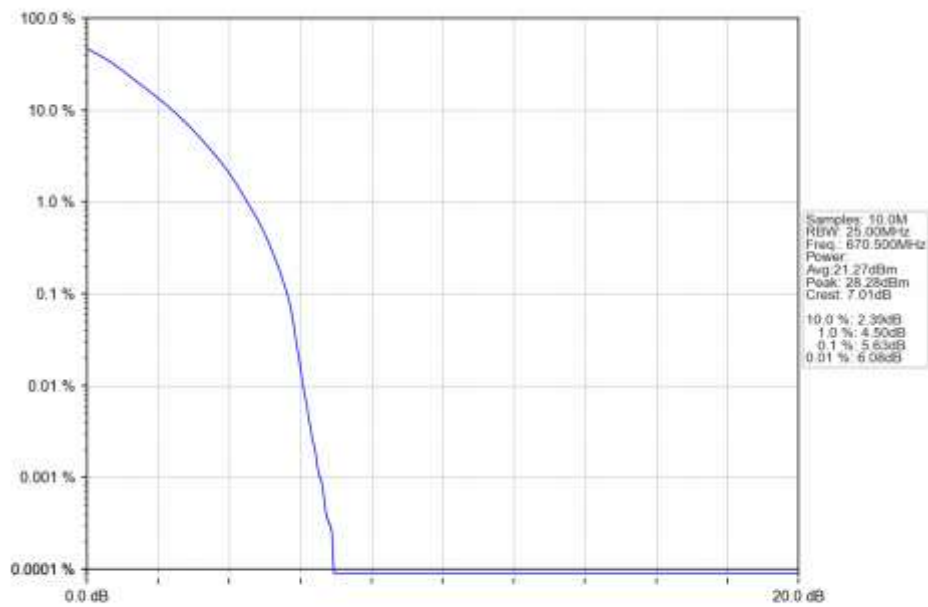


Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTNV

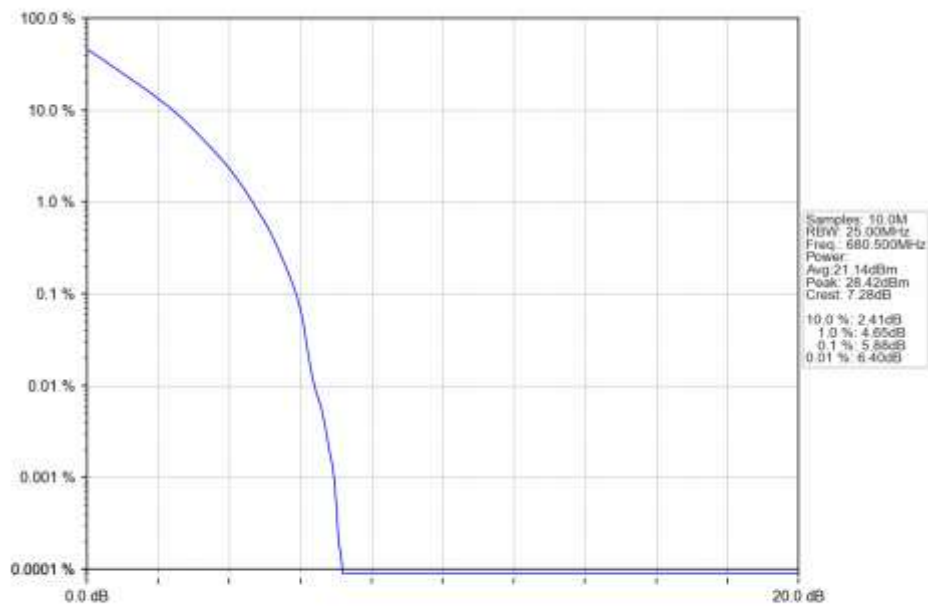


5.2.3 B71_15MHz

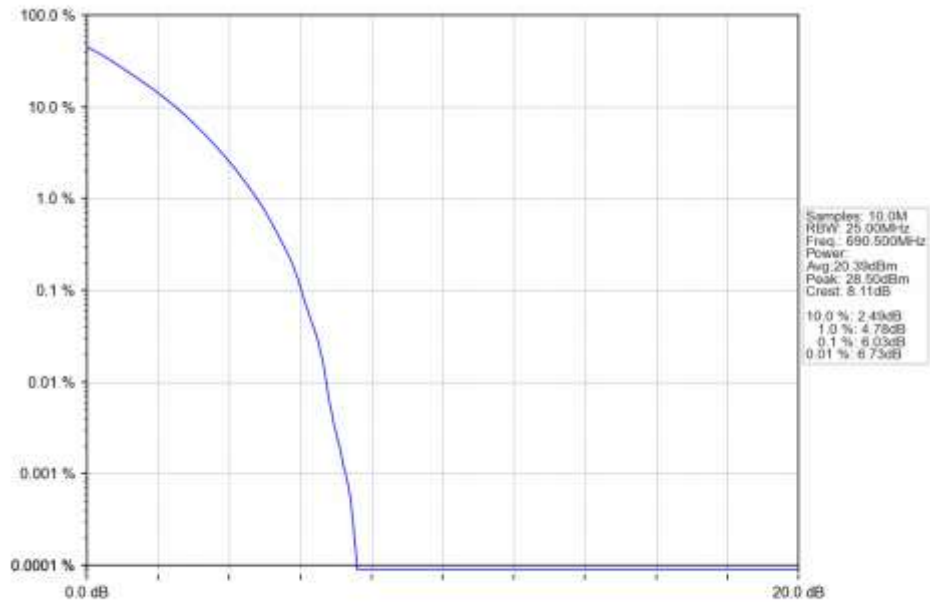
Band71_15MHz_QPSK_LCH_670.5MHz_RB_75_0_NTNV



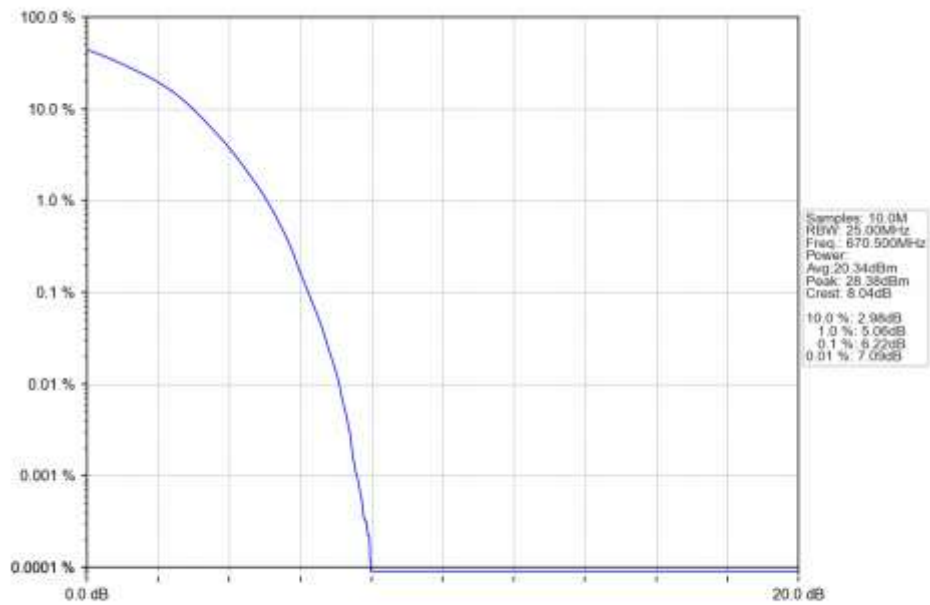
Band71_15MHz_QPSK_MCH_680.5MHz_RB_75_0_NTNV



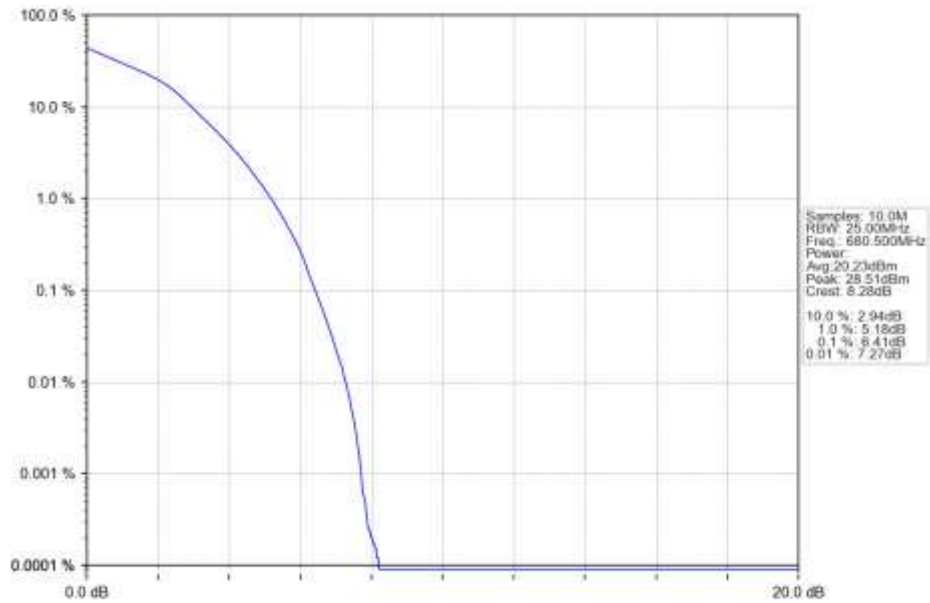
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTNV



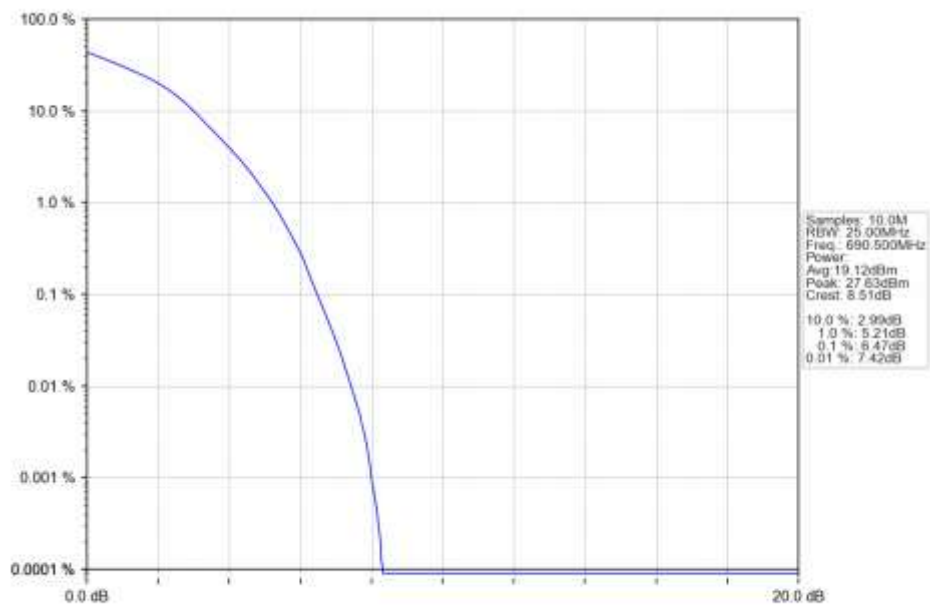
Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV



Band71 15MHz 16QAM MCH 680.5MHz RB 75.0 NTNV

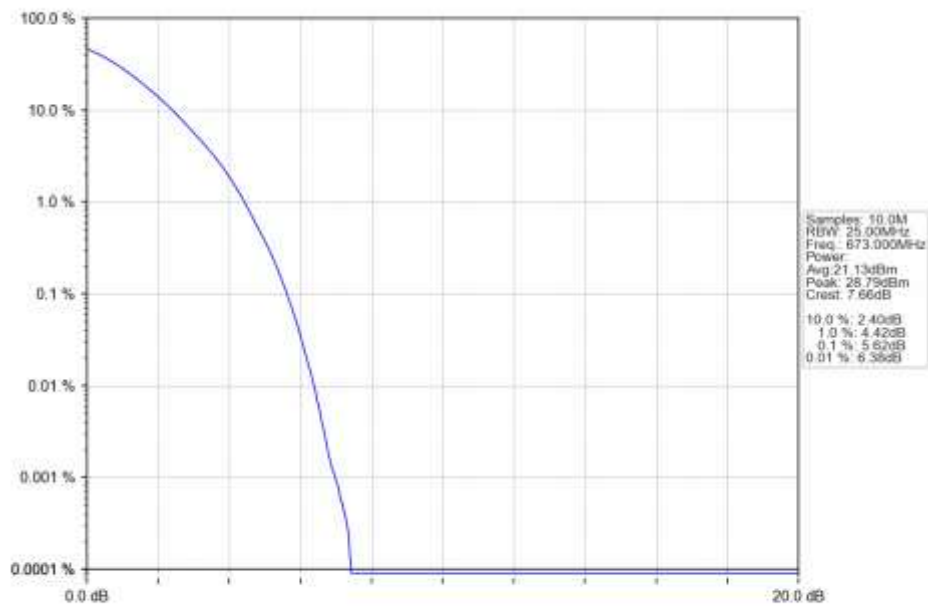


Band71 15MHz 16QAM HCH 690.5MHz RB 75.0 NTNV

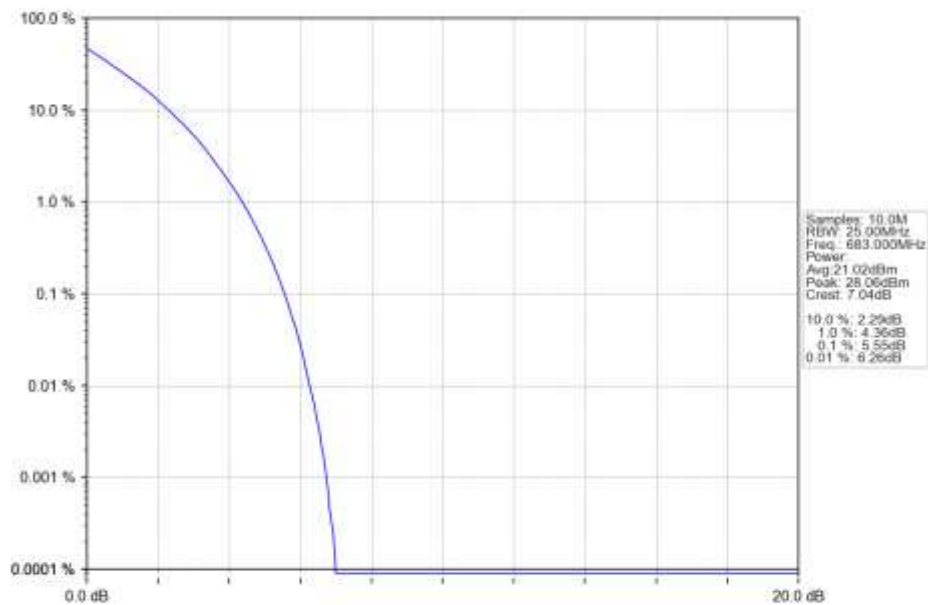


5.2.4 B71_20MHz

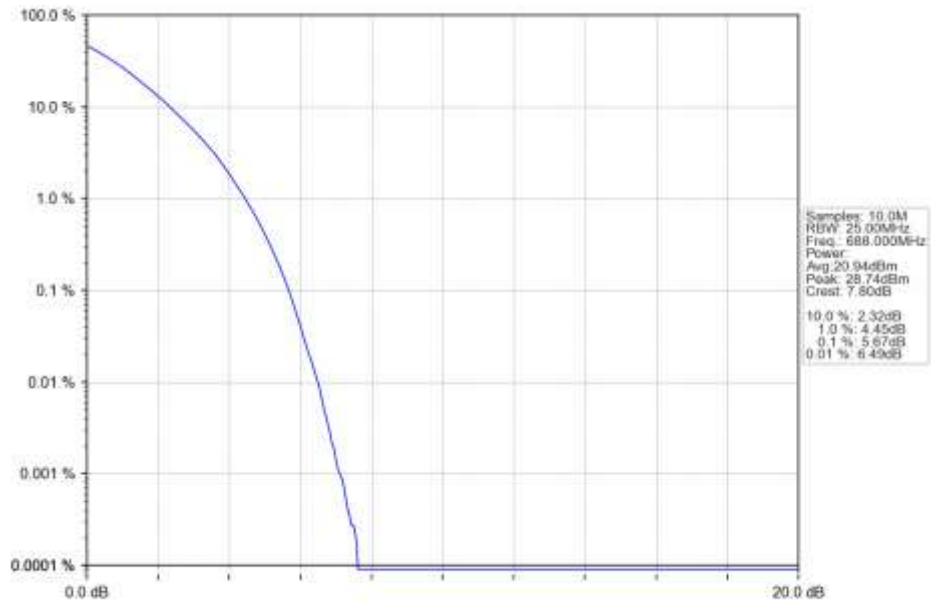
Band71_20MHz_QPSK_LCH_673MHz_RB_100_0_NTNV



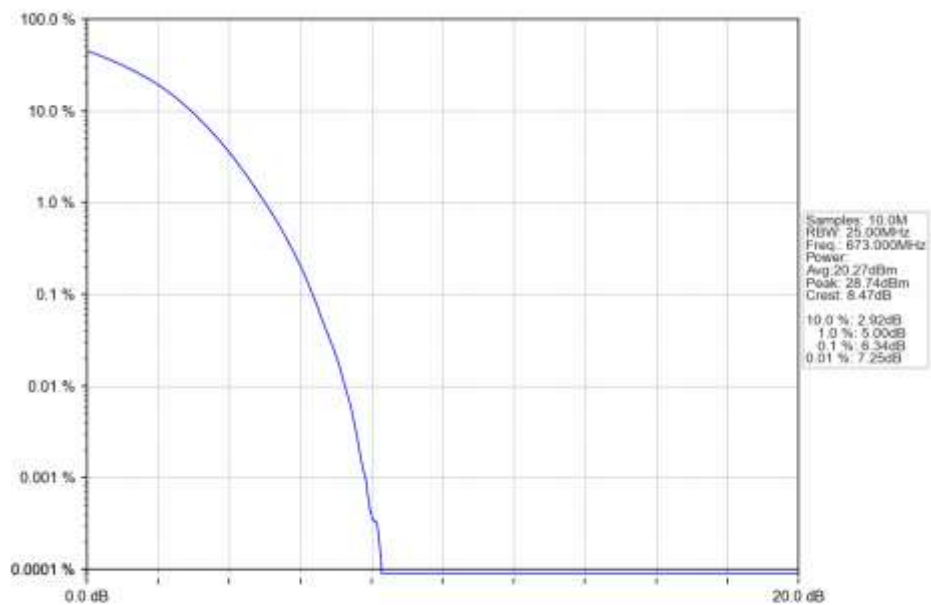
Band71_20MHz_QPSK_MCH_683MHz_RB_100_0_NTNV



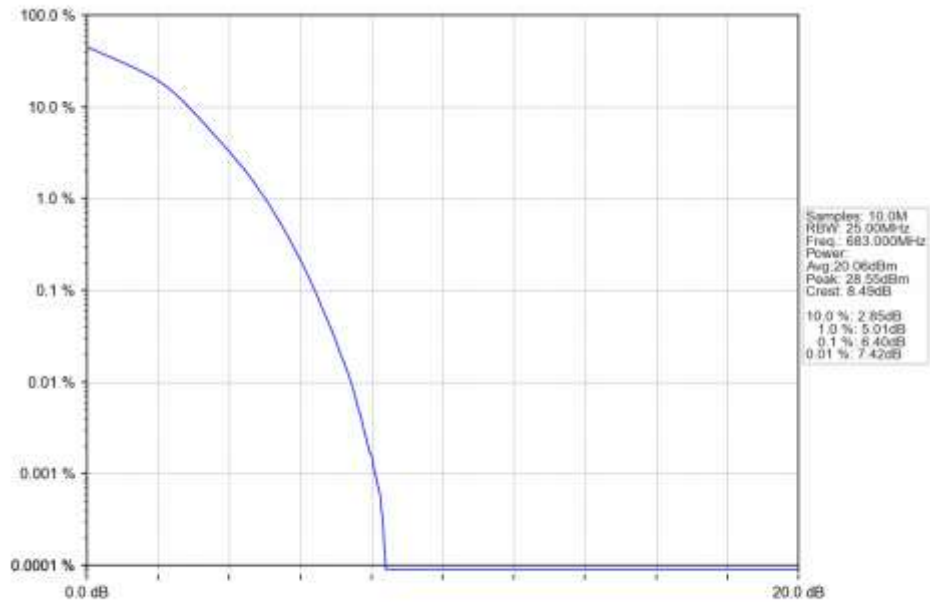
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



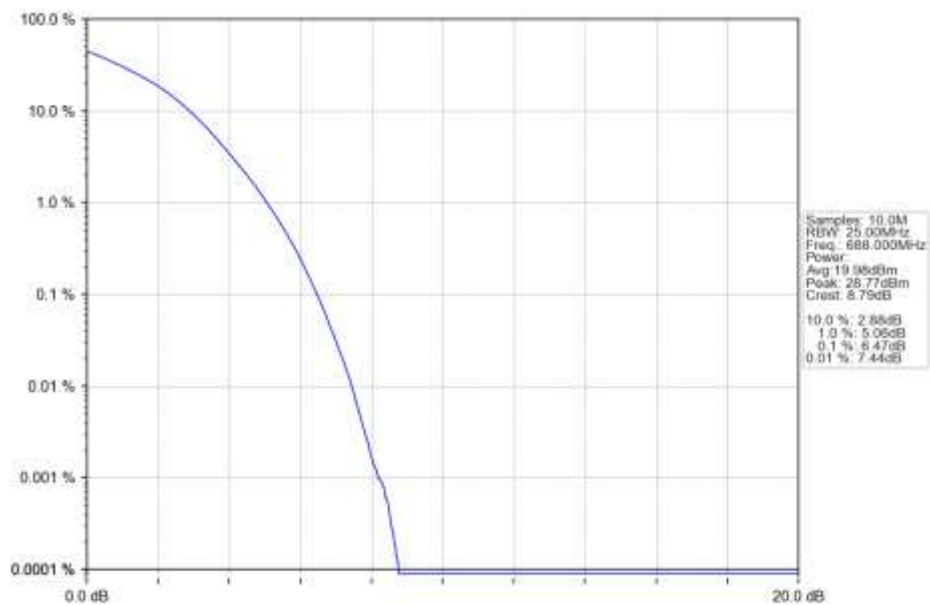
Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV



Band71 20MHz 16QAM MCH 683MHz RB 100 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



6. Spurious Emission

6.1 Test Result

6.1.1 B71_5MHz

Band: 71 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	665.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
16QAM	665.5	25	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
	695.5	25	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass

6.1.2 B71_10MHz

Band: 71 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	668	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

6.1.3 B71_15MHz

Band: 71 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	670.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	680.5	1	0	Refer To Test Graph		Pass
		1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
16QAM	670.5	1	0	Refer To Test Graph		Pass

		75	0	Refer To Test Graph	Pass
	680.5	1	0	Refer To Test Graph	Pass
	690.5	1	0	Refer To Test Graph	Pass
			74	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass

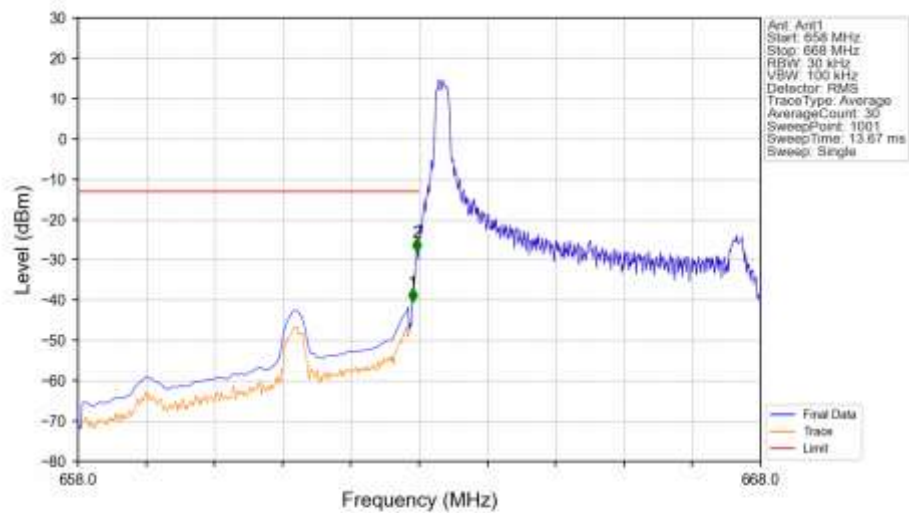
6.1.4 B71_20MHz

Band: 71 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	673	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	683	1	0	Refer To Test Graph		Pass
	688	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

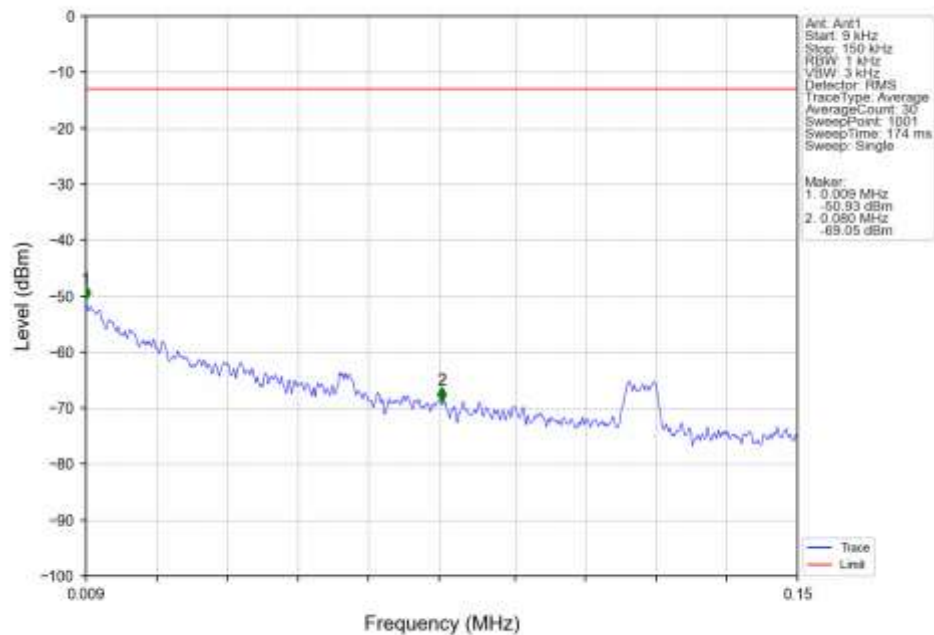
6.2 Test Graph

6.2.1 B71_5MHz

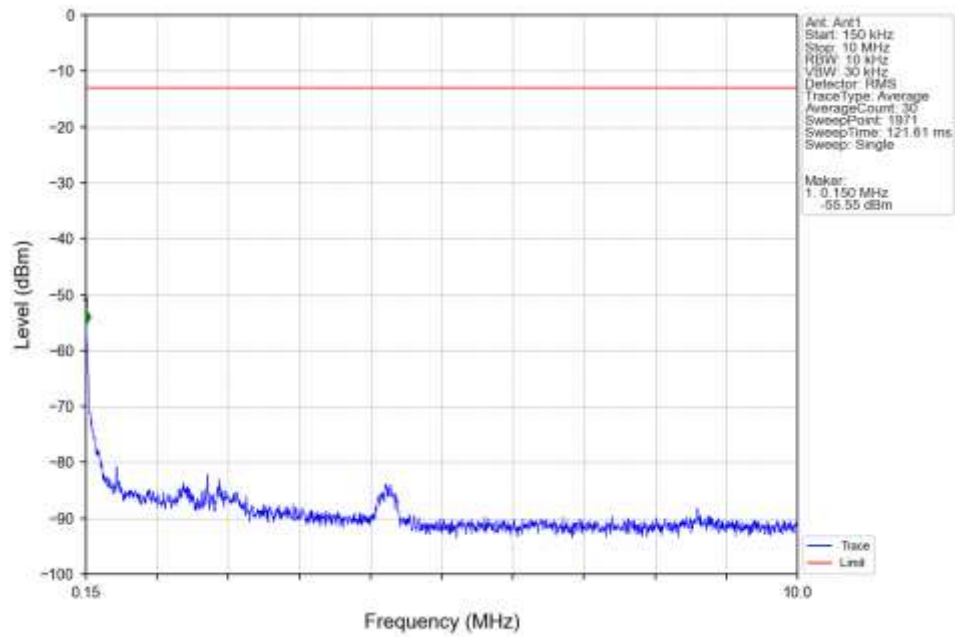
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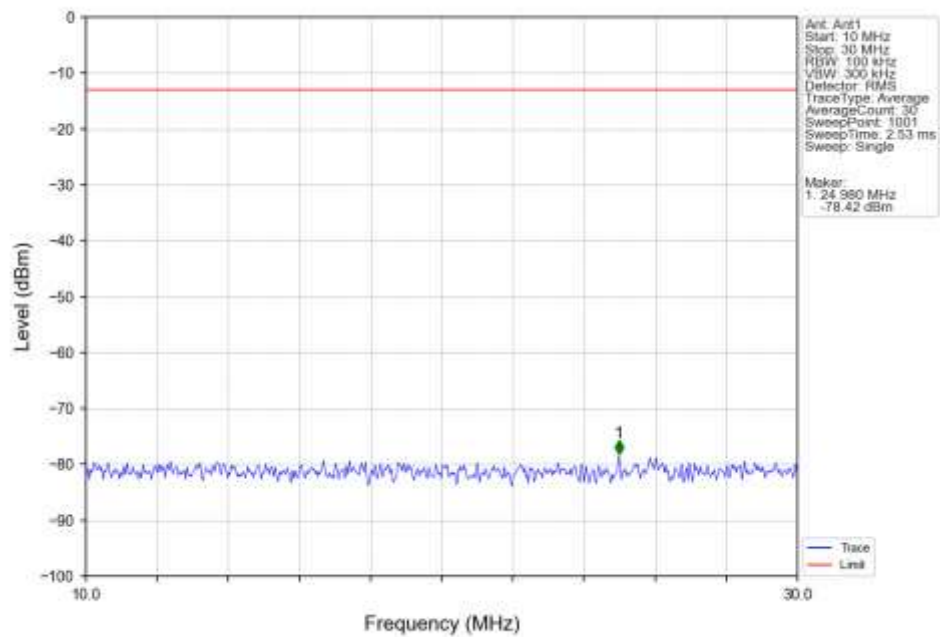
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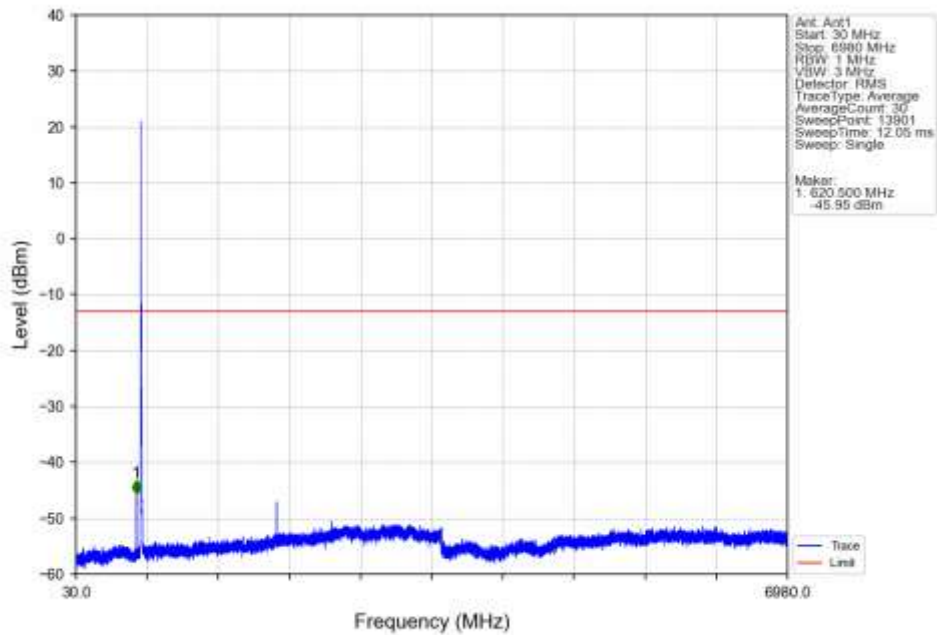
Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTN



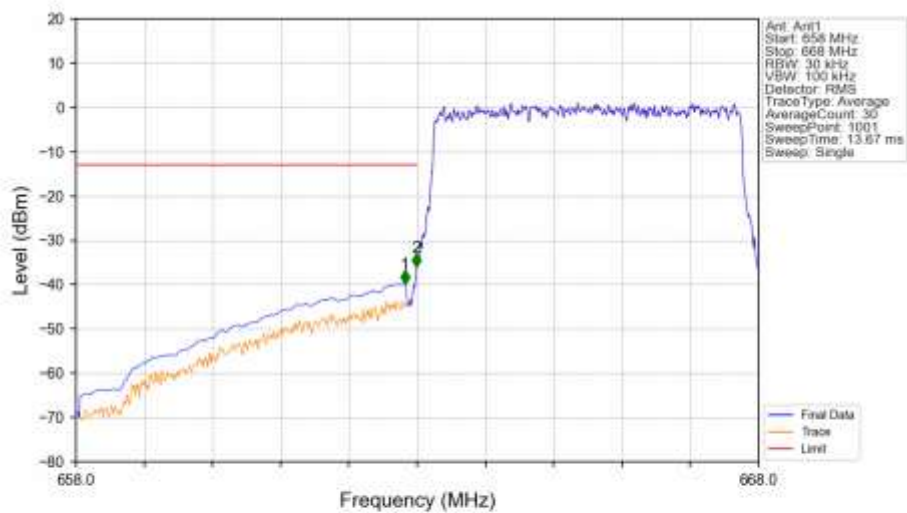
Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTN



Band71 5MHz QPSK LCH 665.5MHz RB 1 0 NTNV

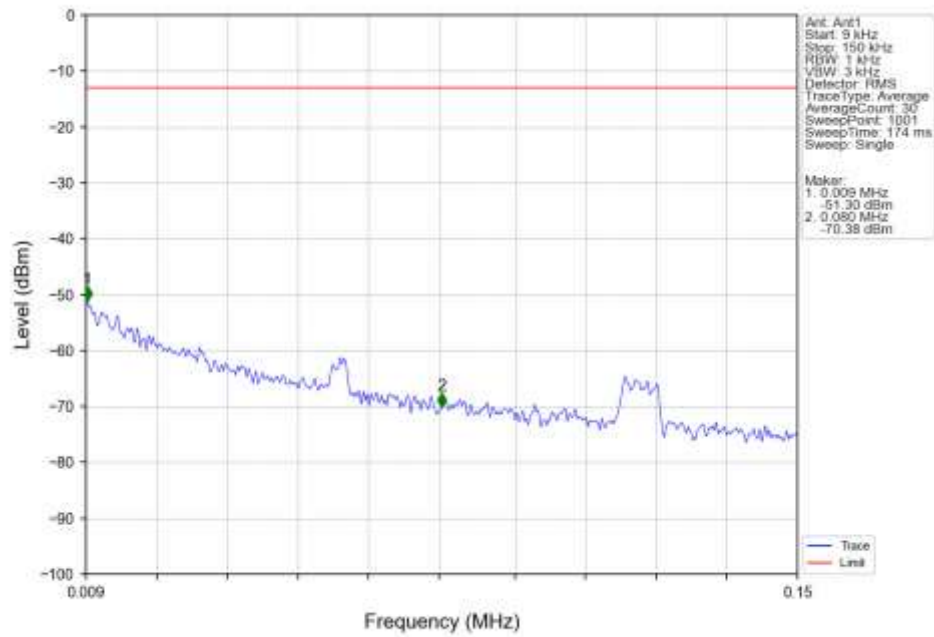


Band71 5MHz QPSK LCH 665.5MHz RB 25 0 NTNV

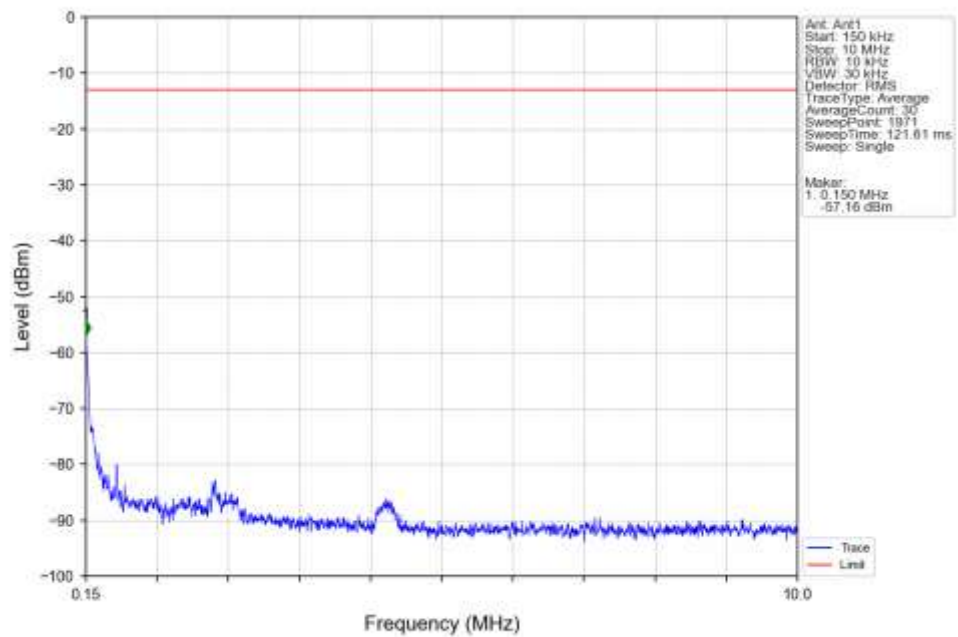


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.820	-39.85	-13	Pass
662.9	663	0.03	/	2	662.990	-36.12	-13	Pass
663	668	0.03	/	/	/	/	/	/

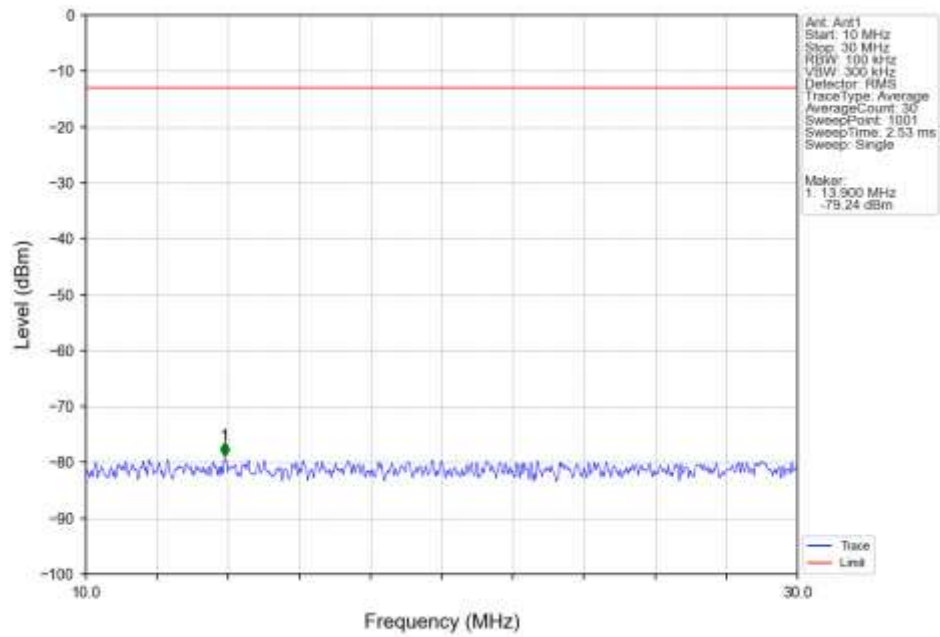
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



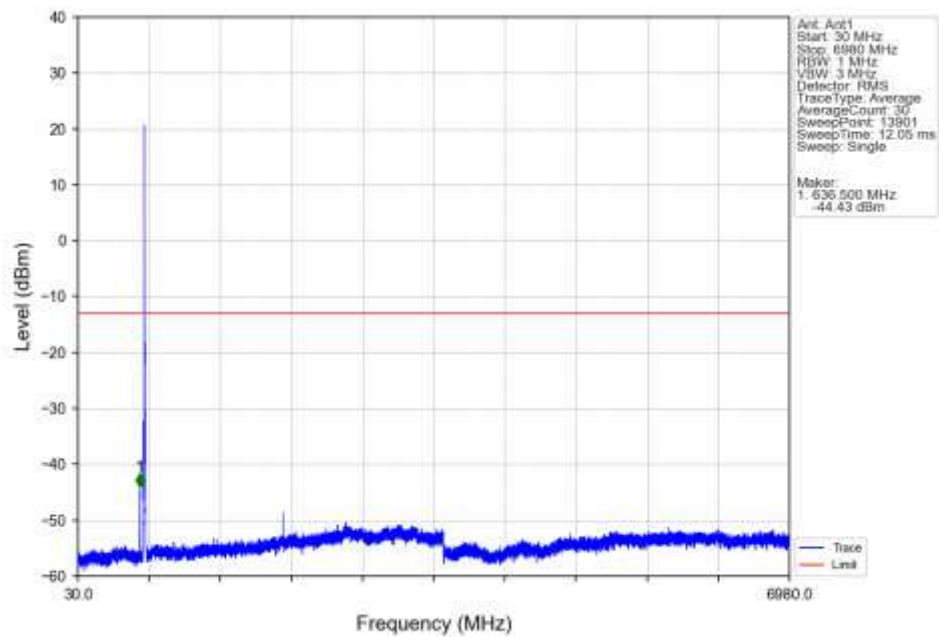
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



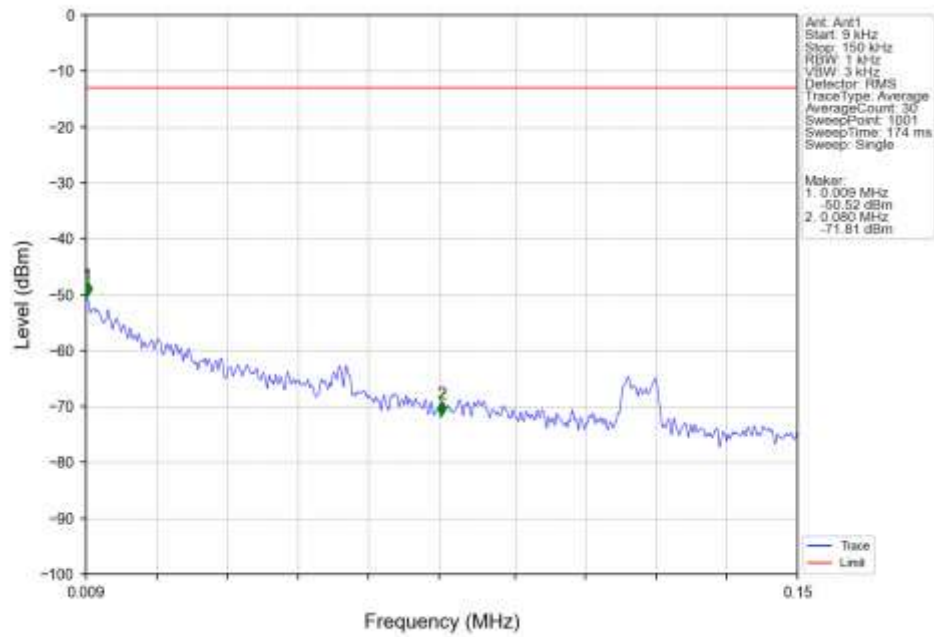
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



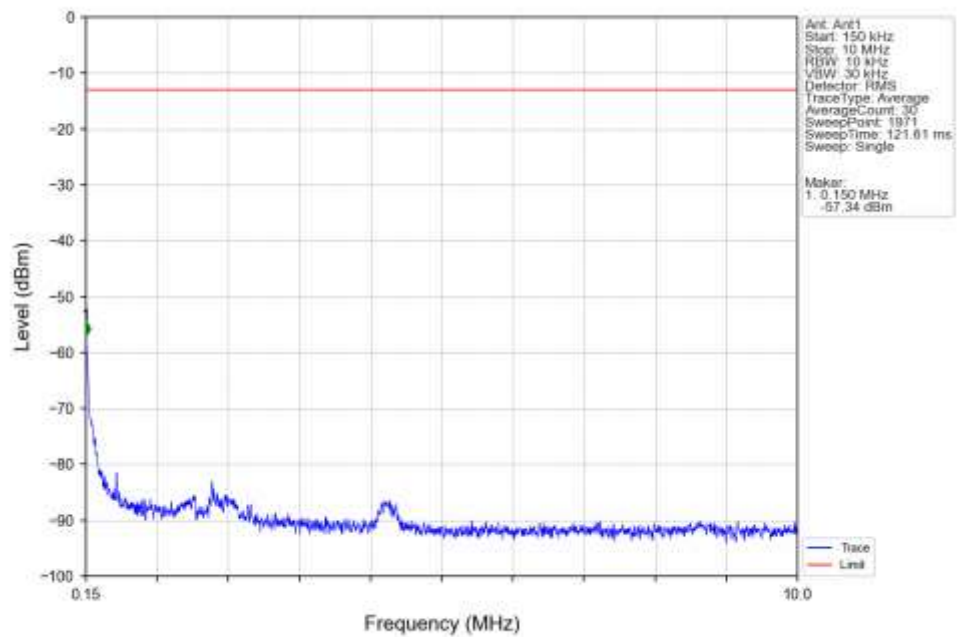
Band71 5MHz QPSK MCH 680.5MHz RB 1 0 NTNV



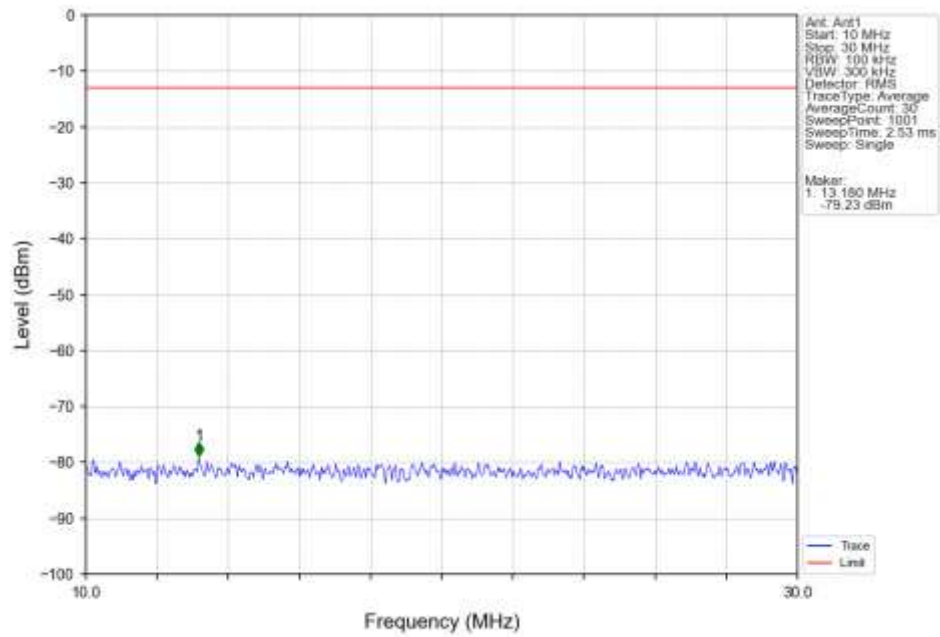
Band71 5MHz QPSK HCH 695.5MHz RB 1 0 NTN



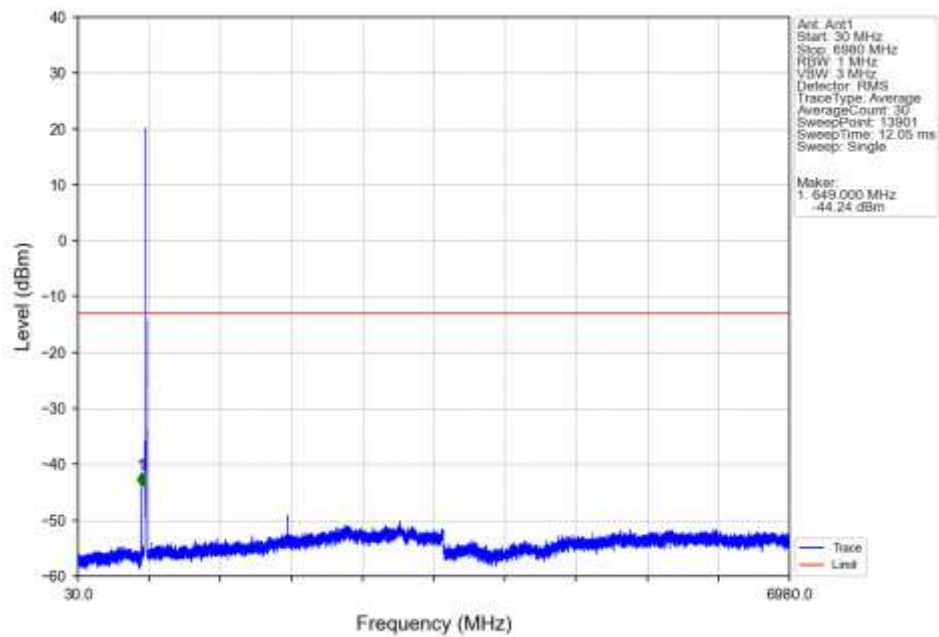
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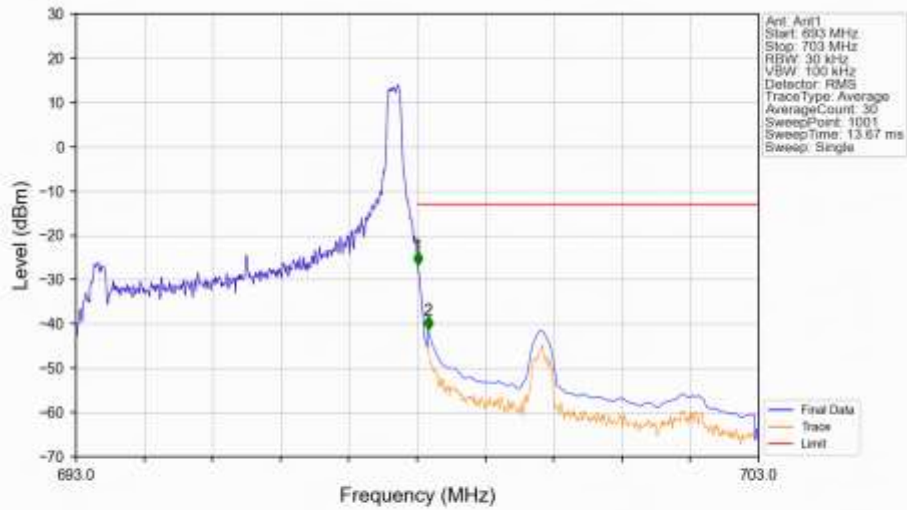
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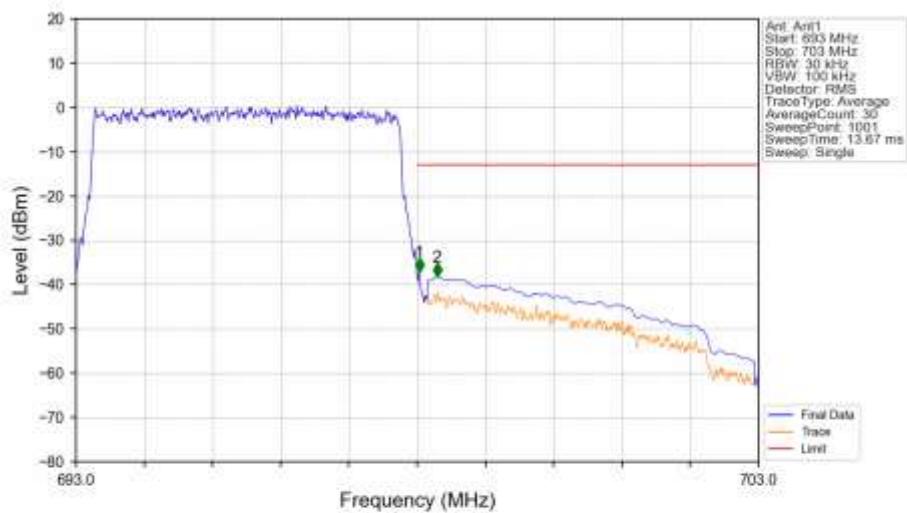
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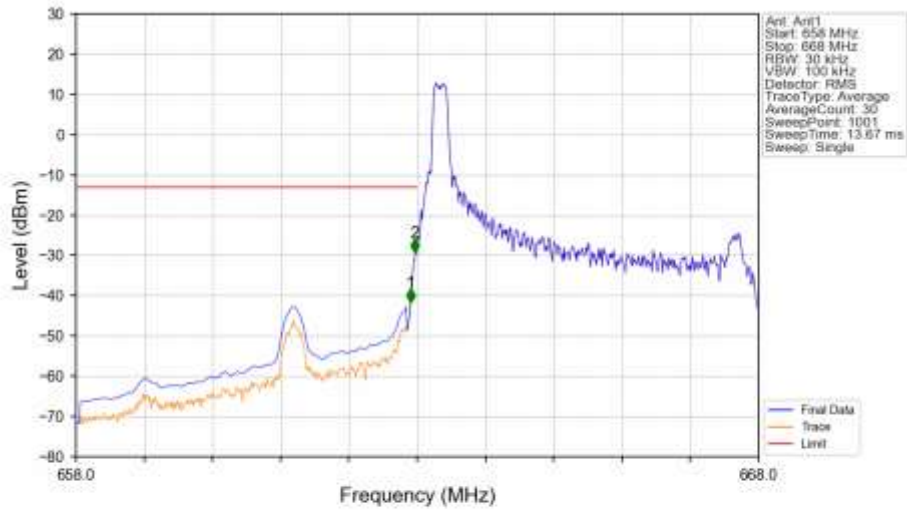
Band71 5MHz QPSK HCH 695.5MHz RB 1 24 NTV



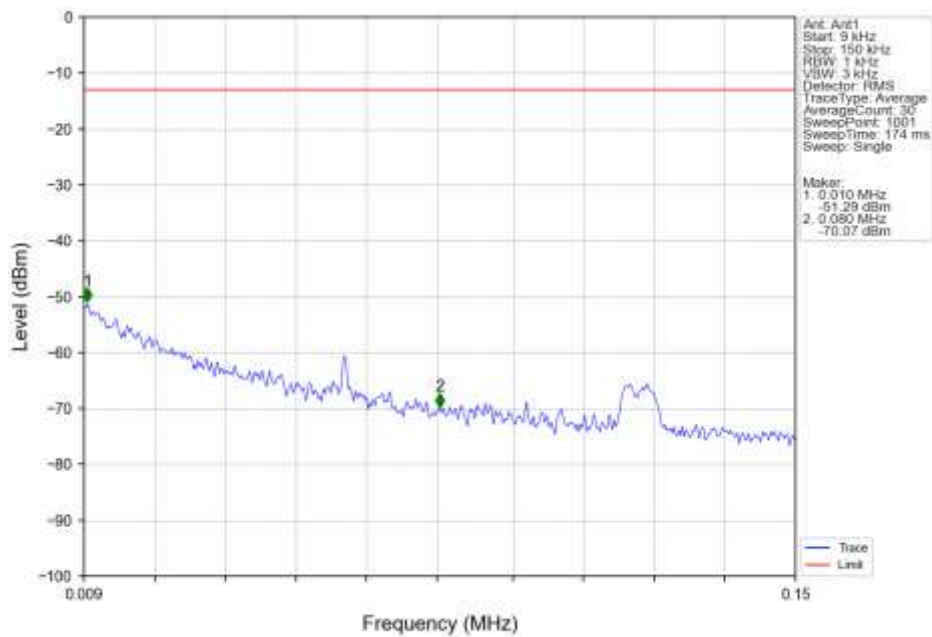
Band71 5MHz QPSK HCH 695.5MHz RB 25 0 NTV



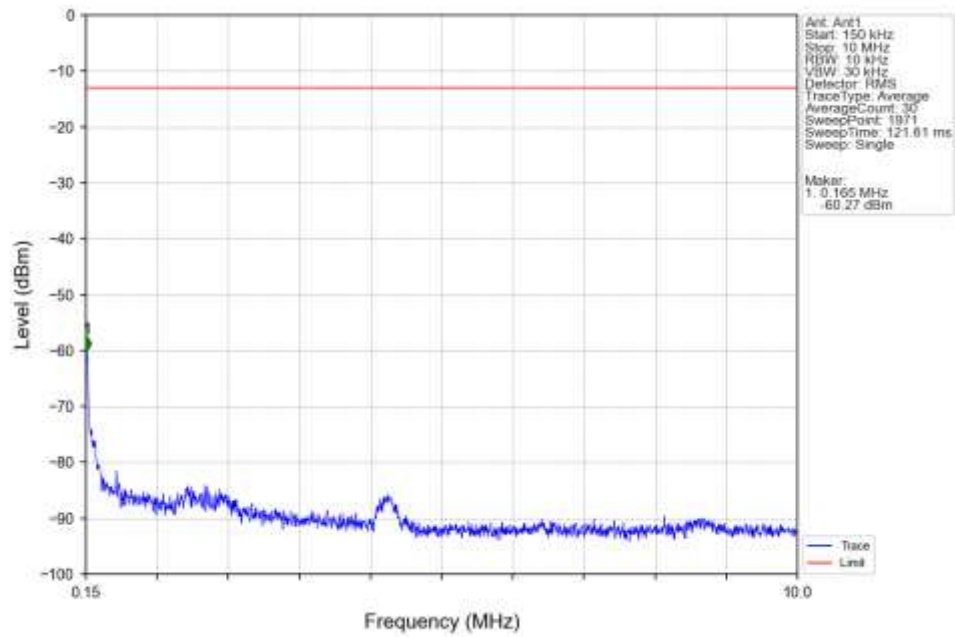
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV



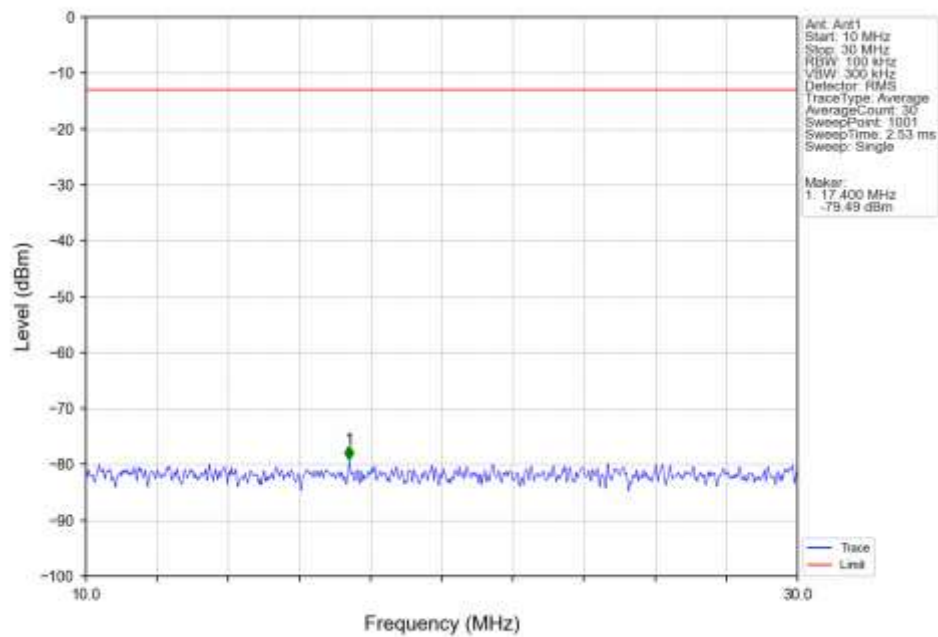
Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV



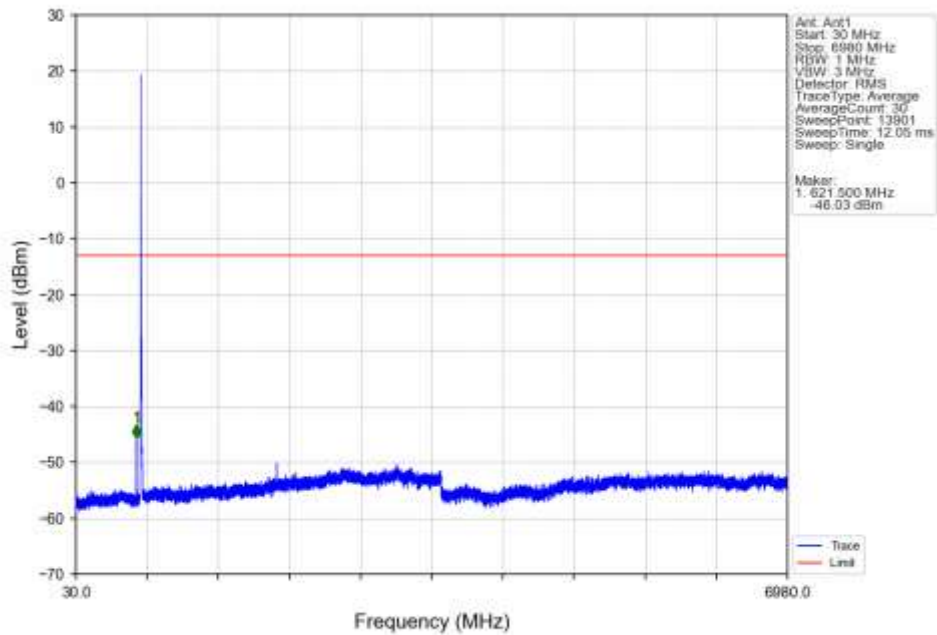
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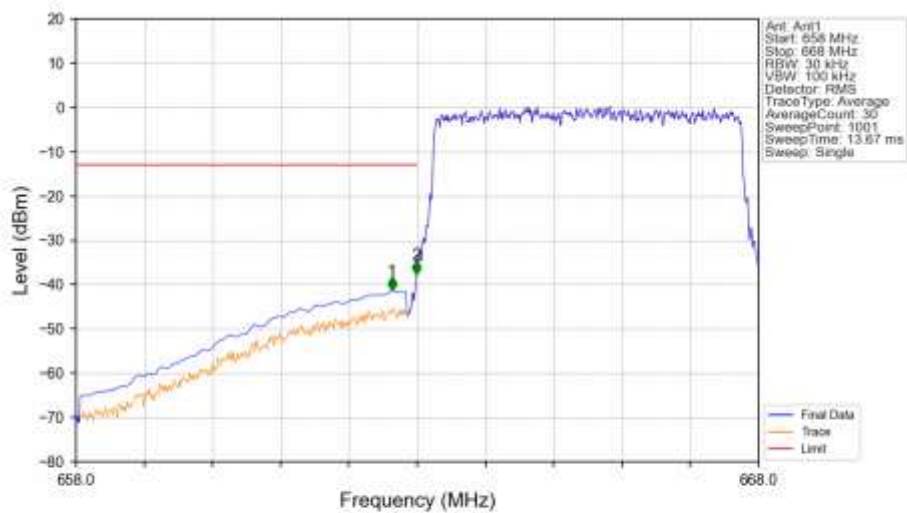
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Band71 5MHz 16QAM LCH 665.5MHz RB 1 0 NTNV

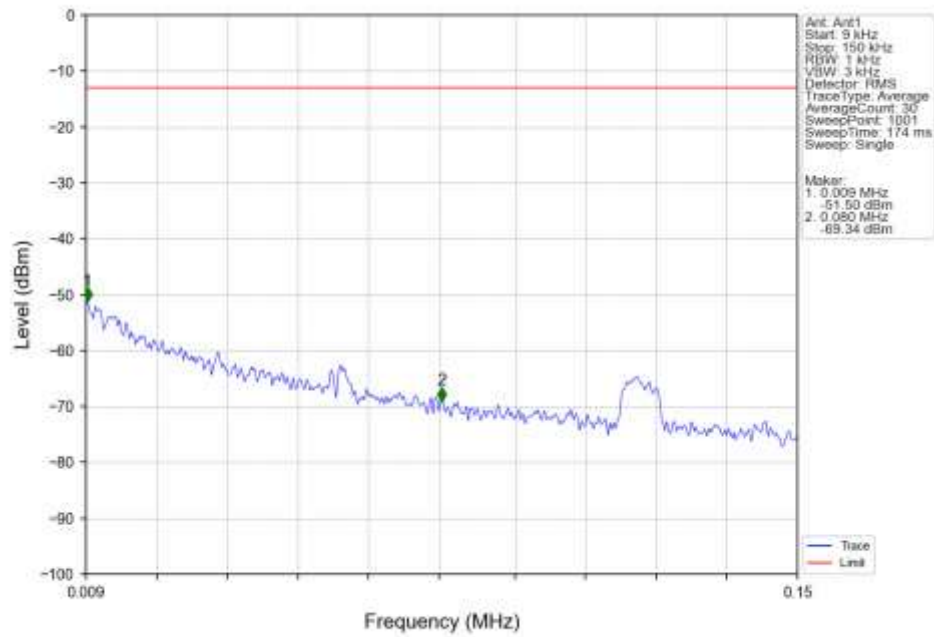


Band71 5MHz 16QAM LCH 665.5MHz RB 25 0 NTNV

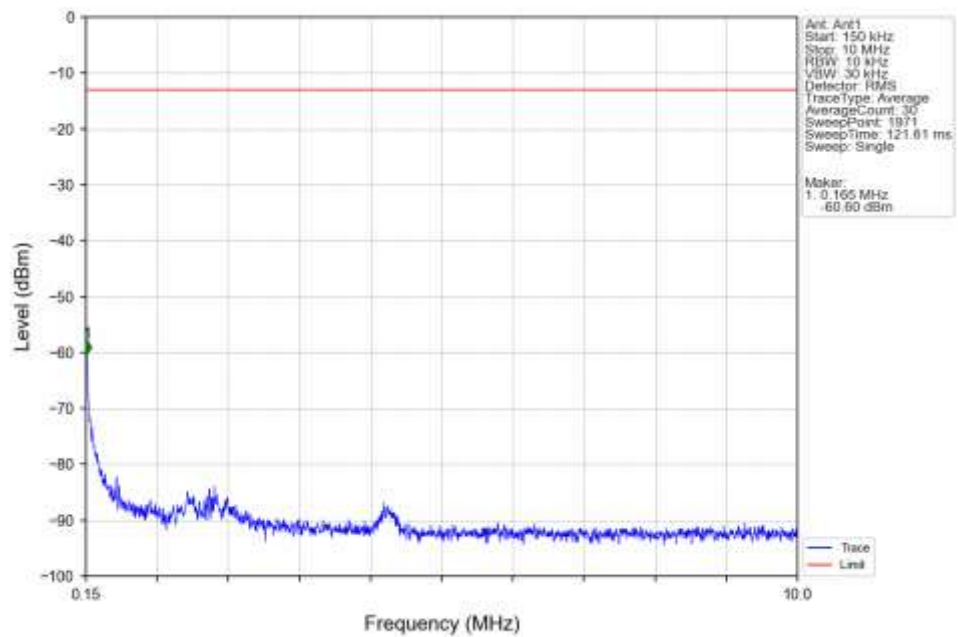


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
658	662.9	0.1	CHP	1	662.630	-41.30	-13	Pass
662.9	663	0.03	/	2	662.990	-37.72	-13	Pass
663	668	0.03	/	/	/	/	/	/

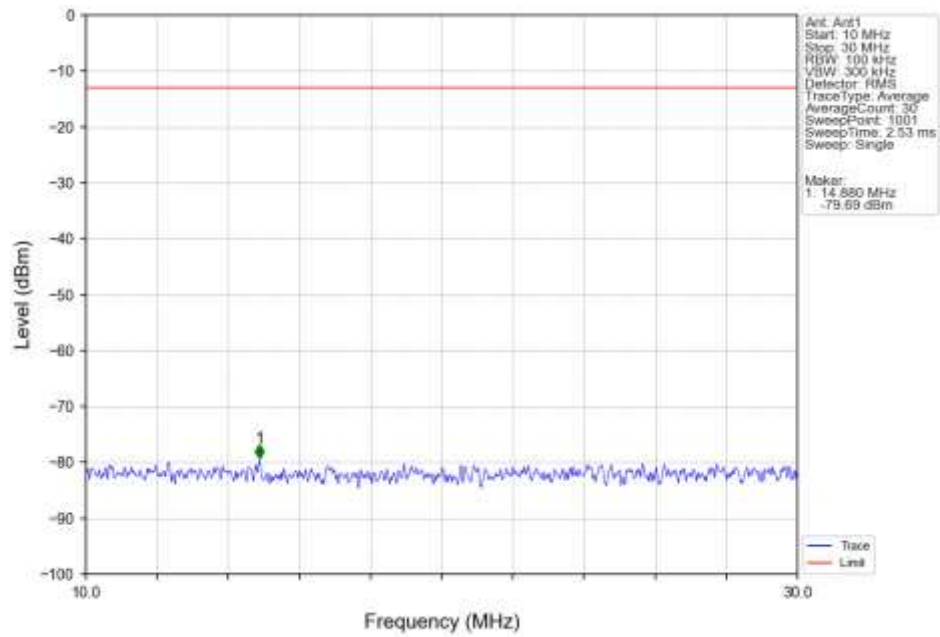
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



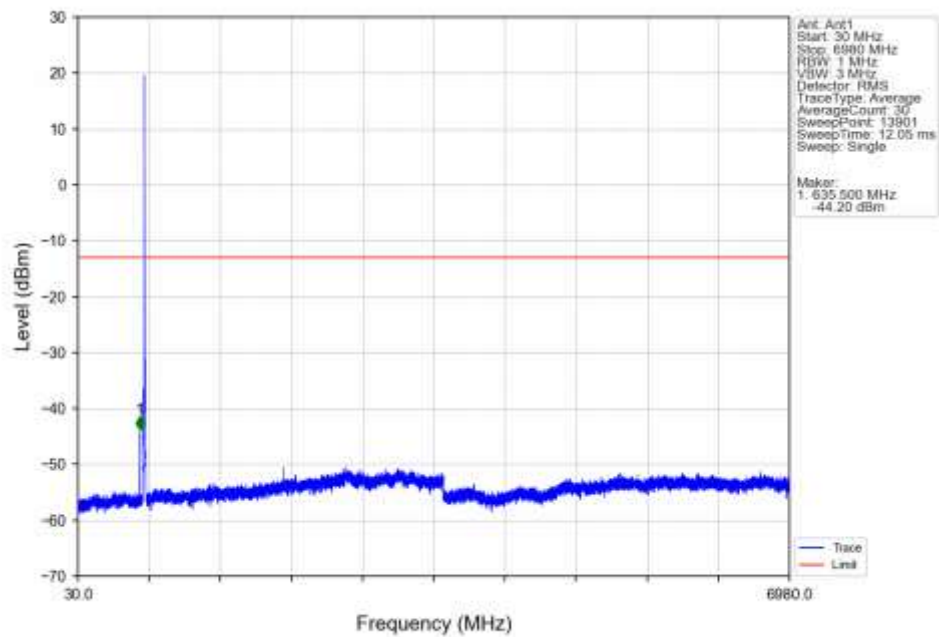
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



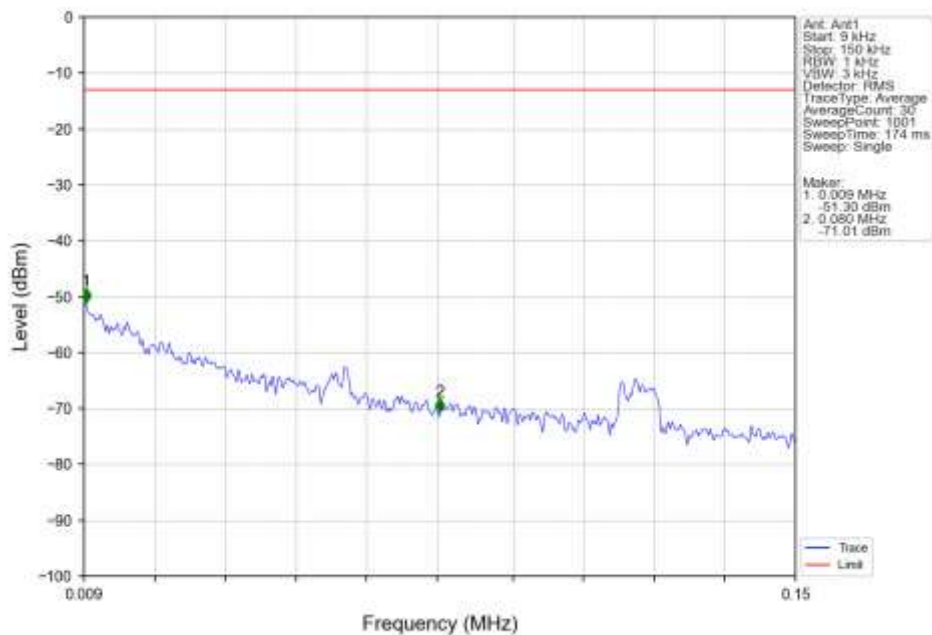
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



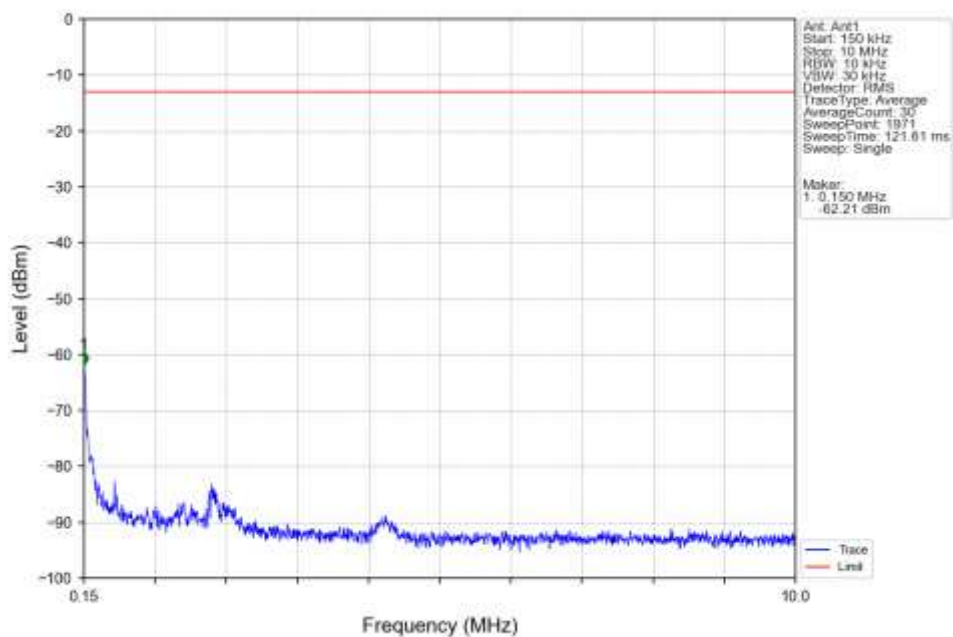
Band71 5MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



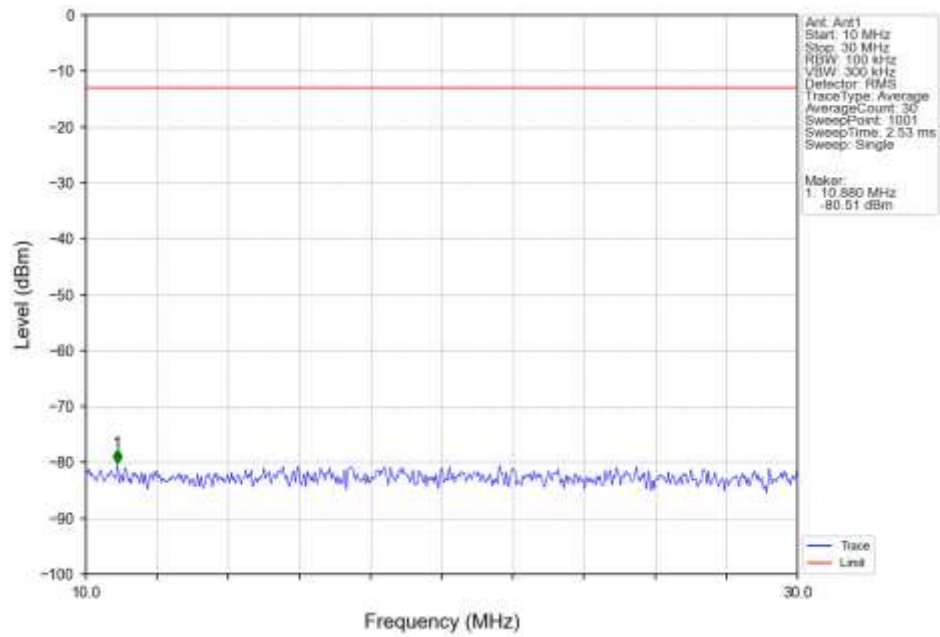
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



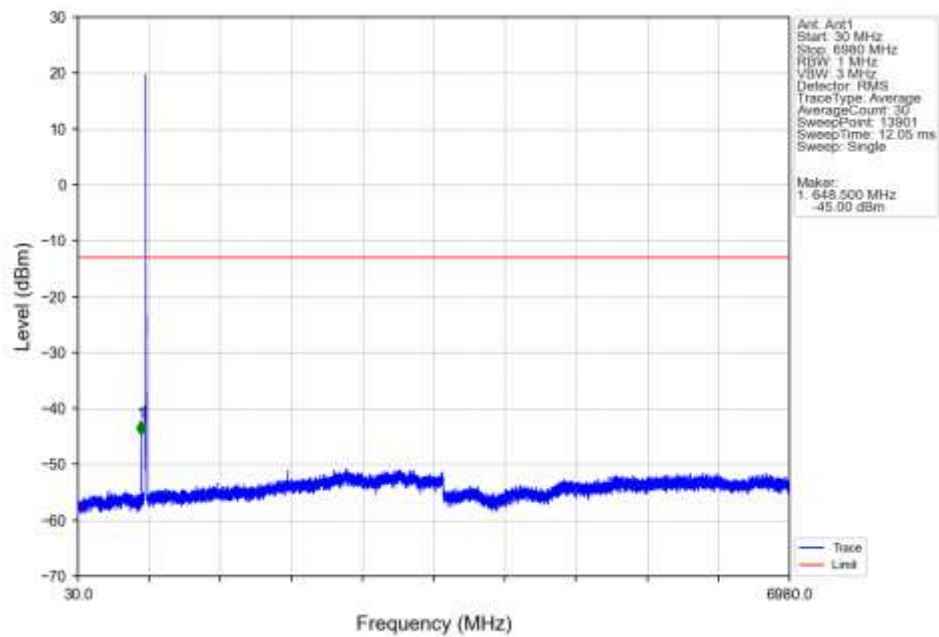
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



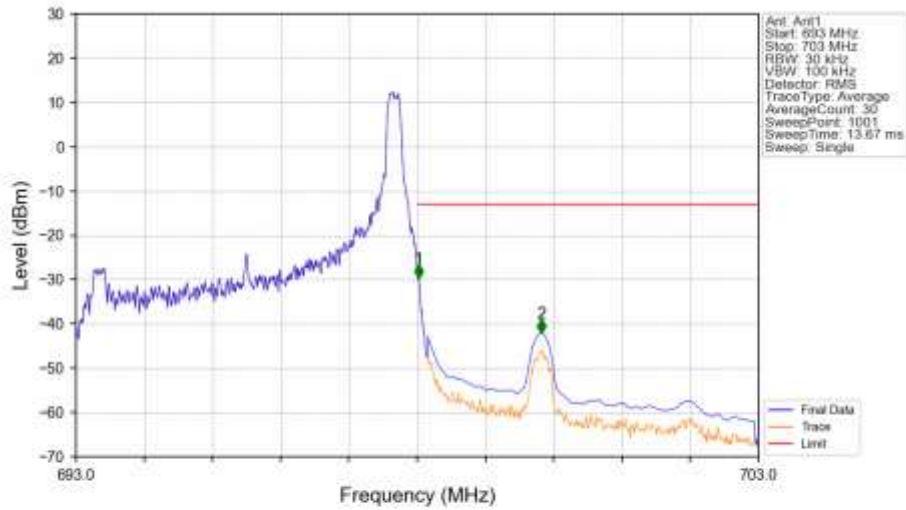
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



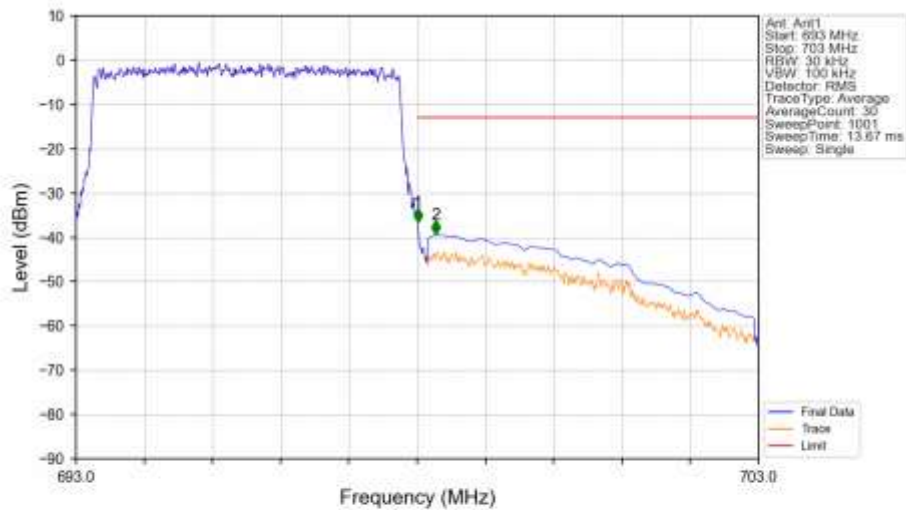
Band71 5MHz 16QAM HCH 695.5MHz RB 1 0 NTNV



Band71 5MHz 16QAM HCH 695.5MHz RB 1 24 NTV

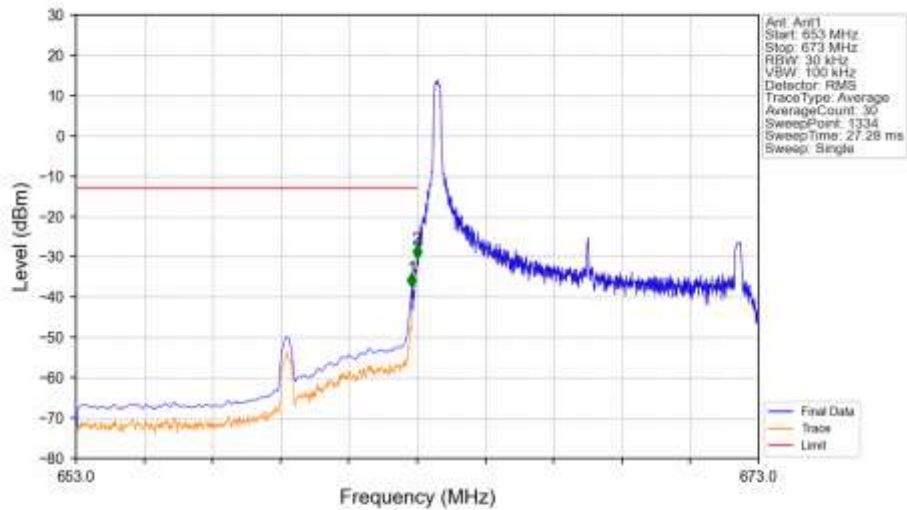


Band71 5MHz 16QAM HCH 695.5MHz RB 25 0 NTV

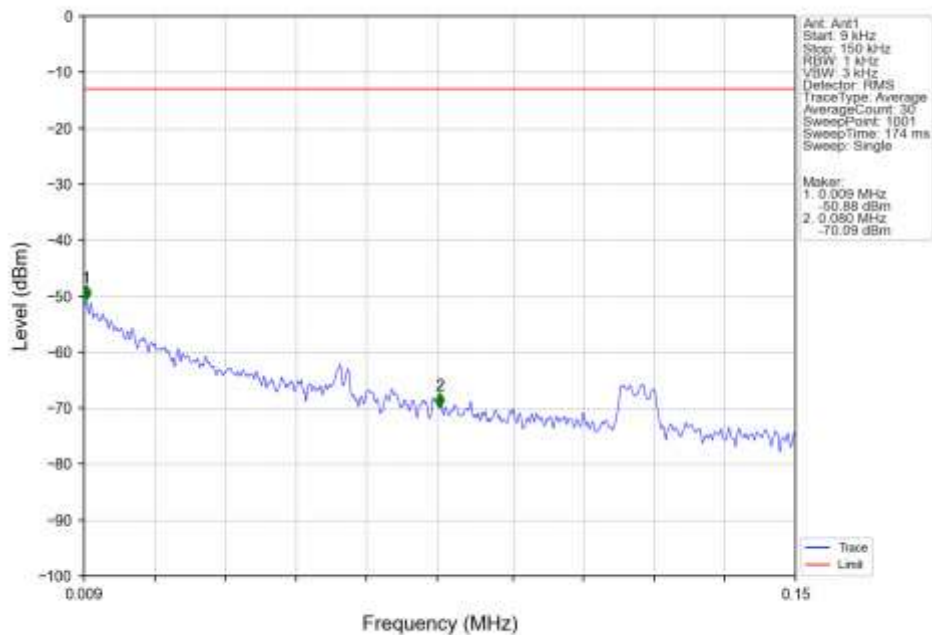


6.2.2 B71_10MHz

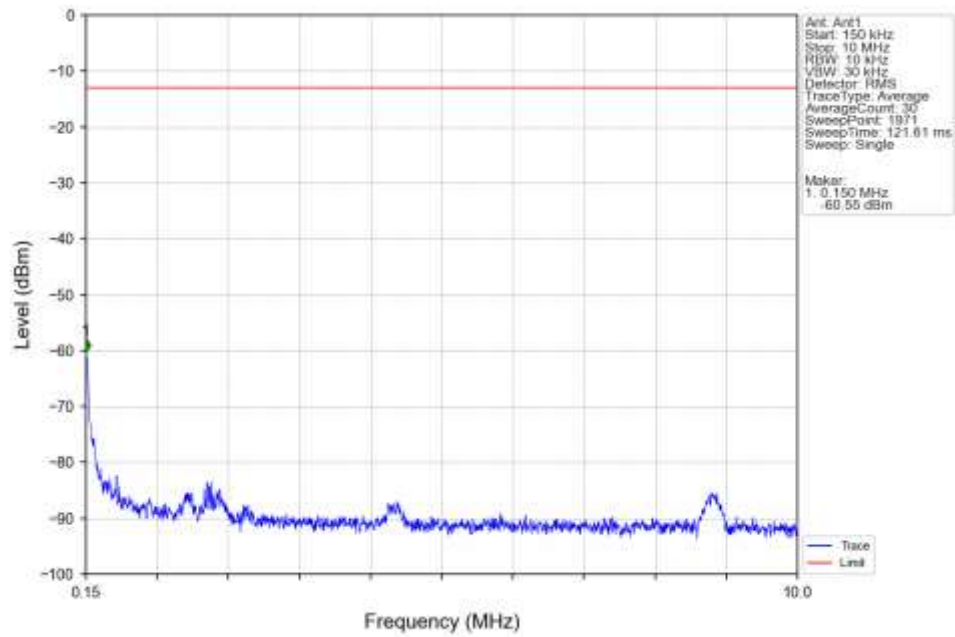
Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV



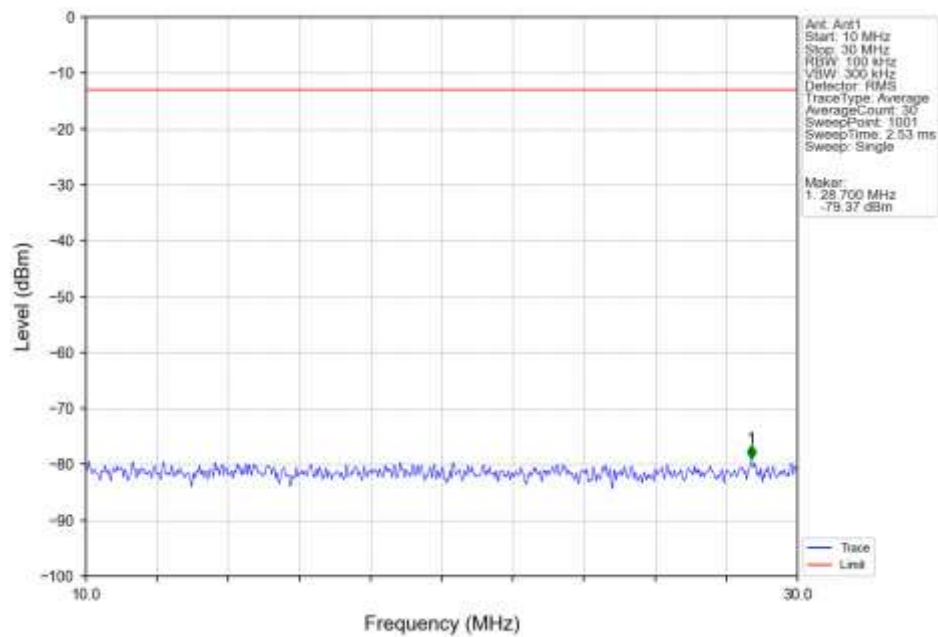
Band71_10MHz_QPSK_LCH_668MHz_RB_1_0_NTNV



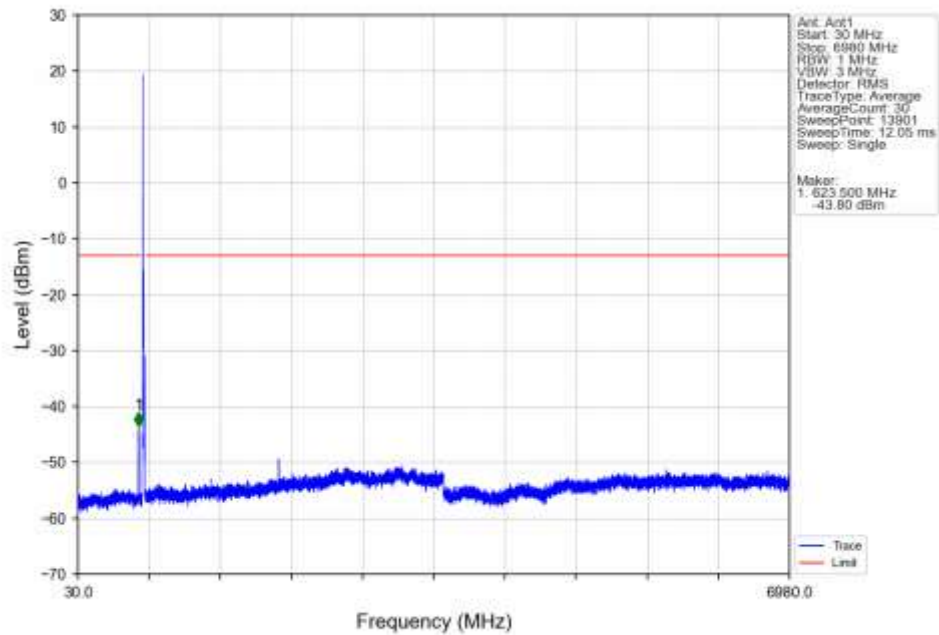
Band71 10MHz QPSK LCH 668MHz RB 1 0 NTNV



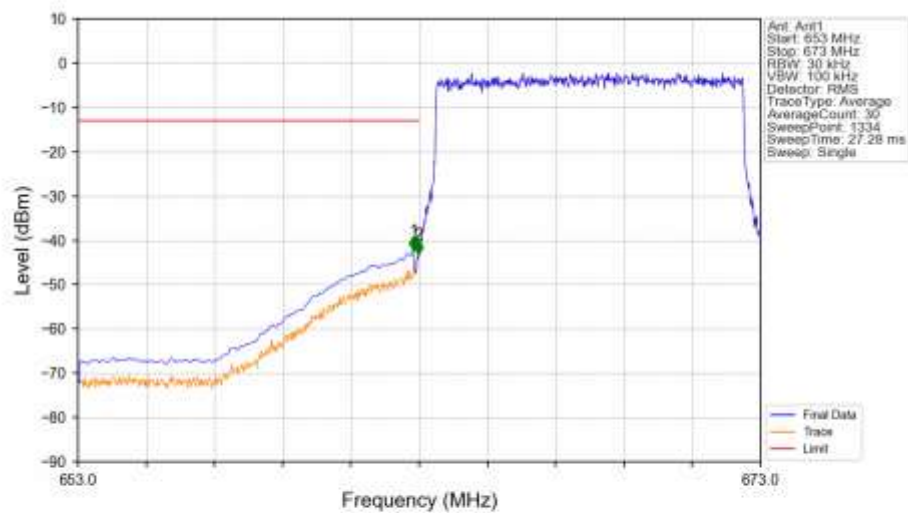
Band71 10MHz QPSK LCH 668MHz RB 1 0 NTNV



Band71 10MHz QPSK LCH 668MHz RB 1 0 NTNV

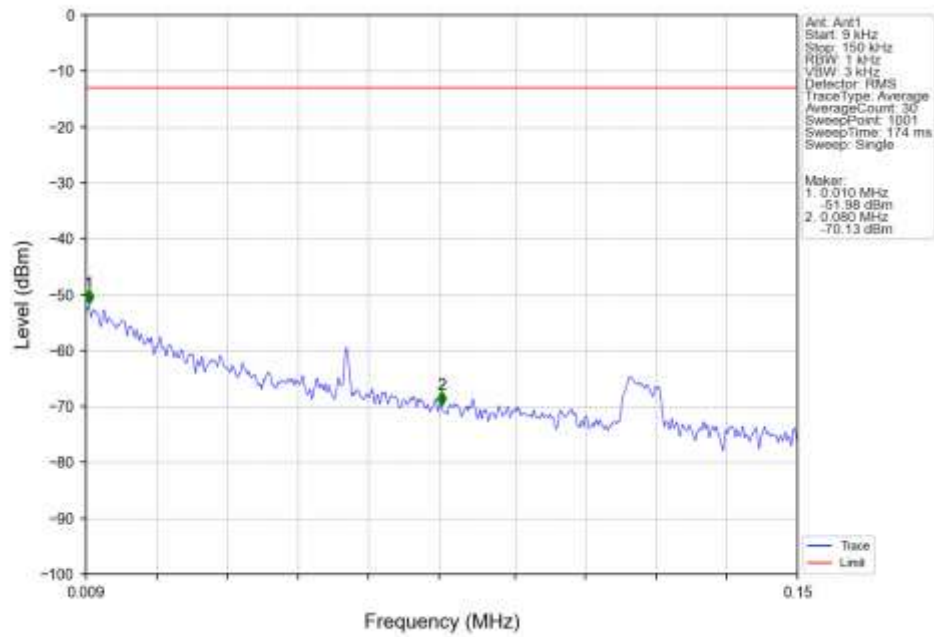


Band71 10MHz QPSK LCH 668MHz RB 50 0 NTNV

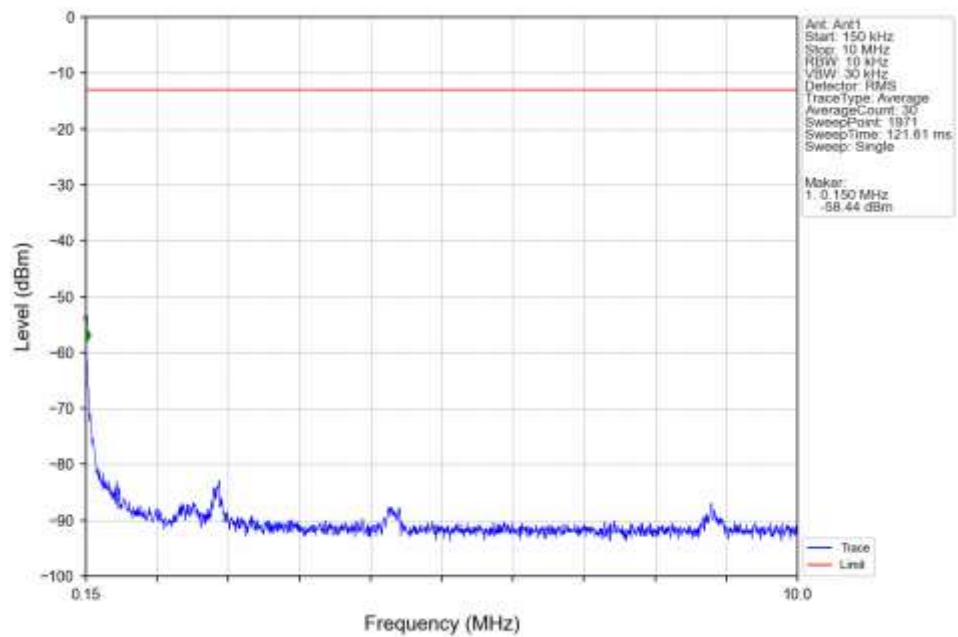


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-42.22	-13	Pass
662.9	663	0.03	/	2	662.977	-43.17	-13	Pass
663	673	0.03	/	/	/	/	/	/

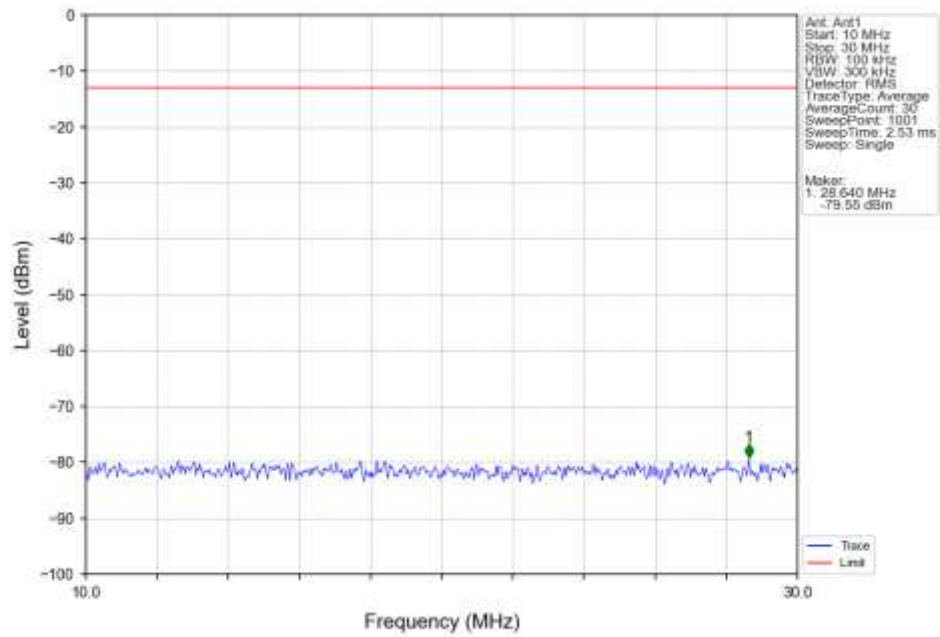
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTV



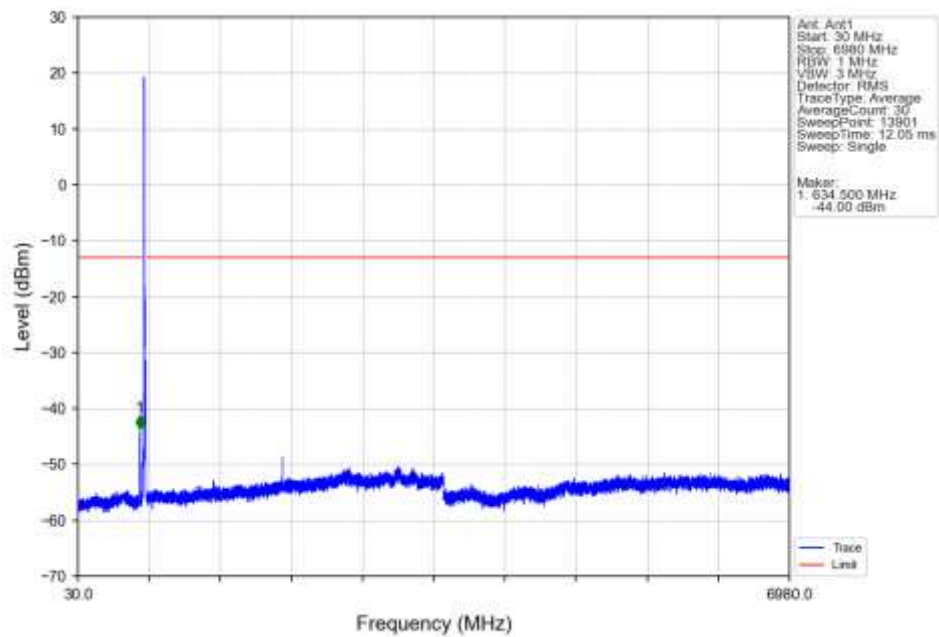
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTV



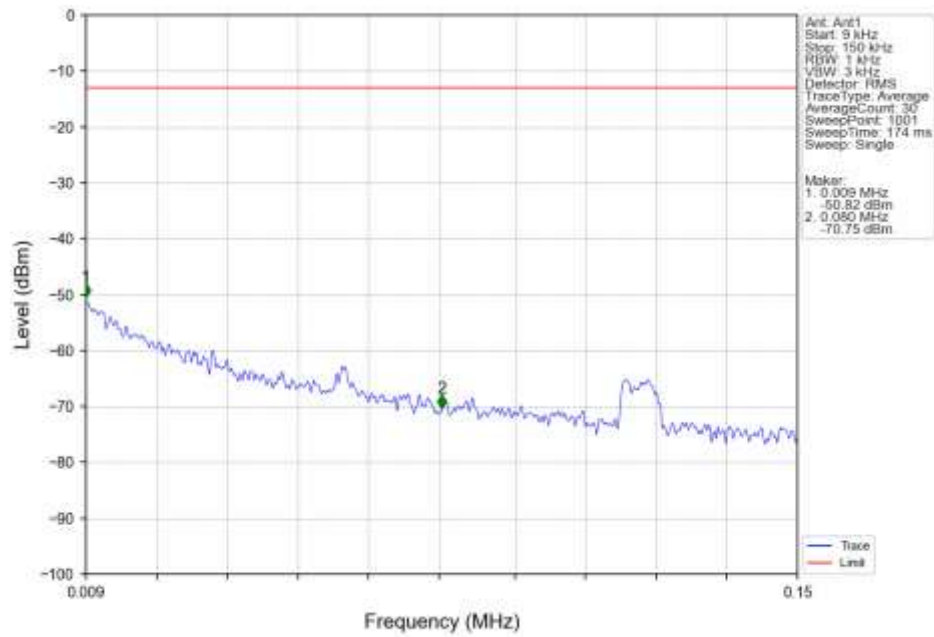
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTV



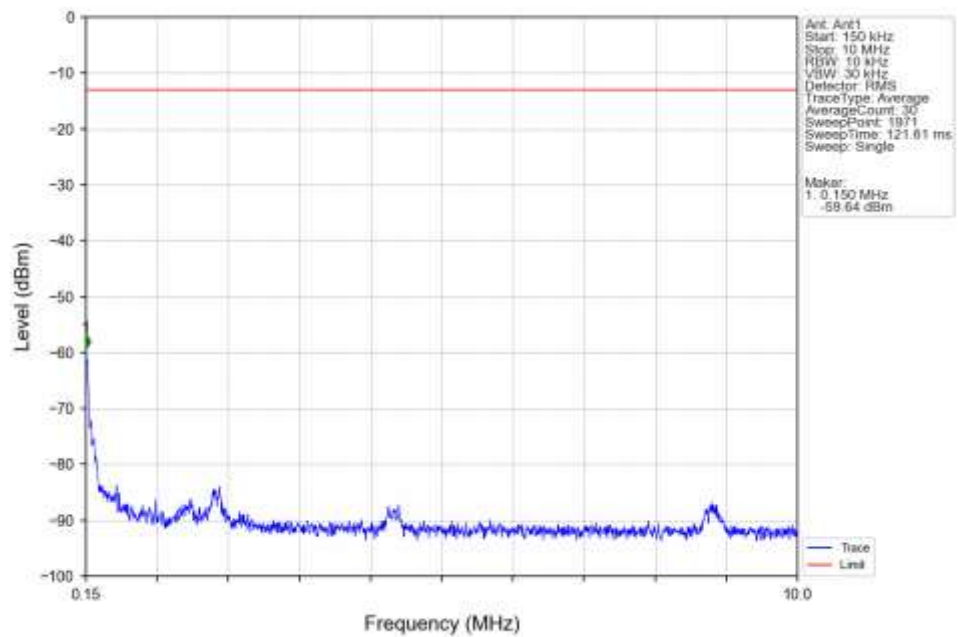
Band71 10MHz QPSK MCH 680.5MHz RB 1 0 NTV



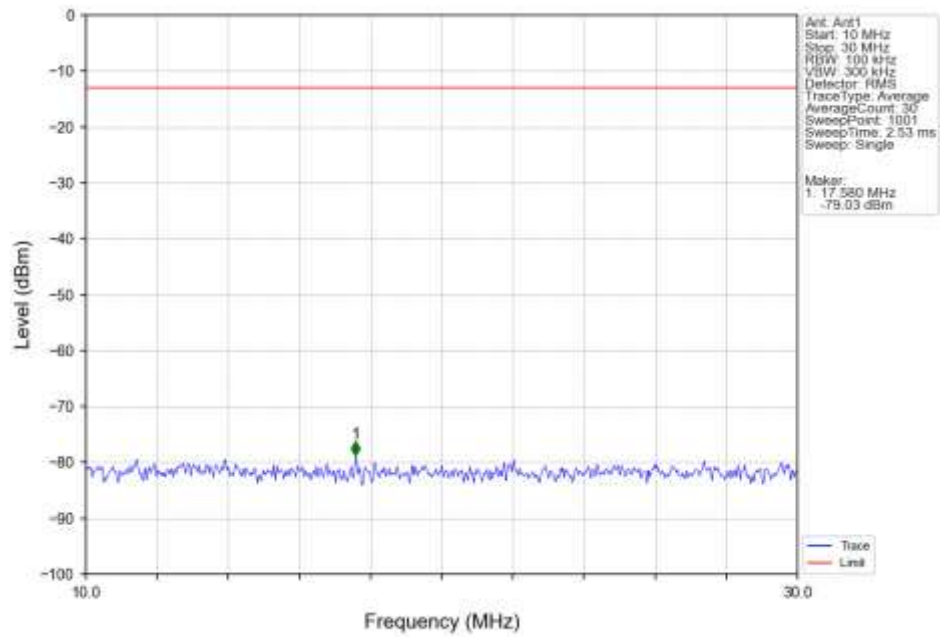
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTN



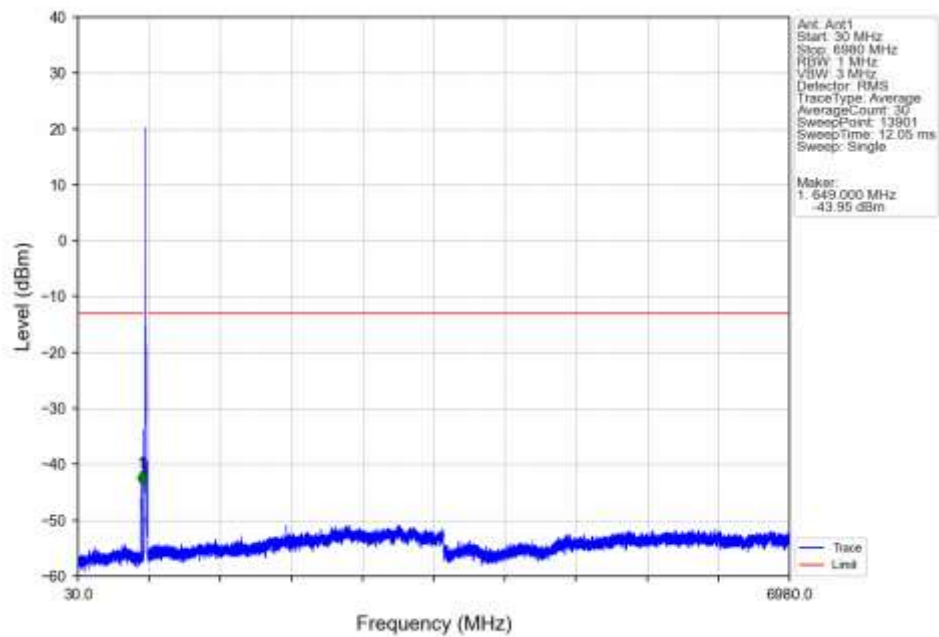
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTN



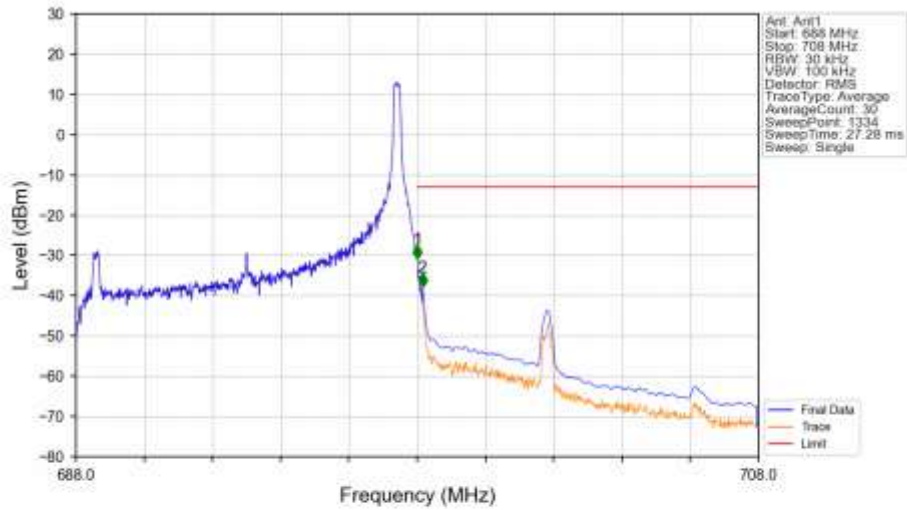
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV



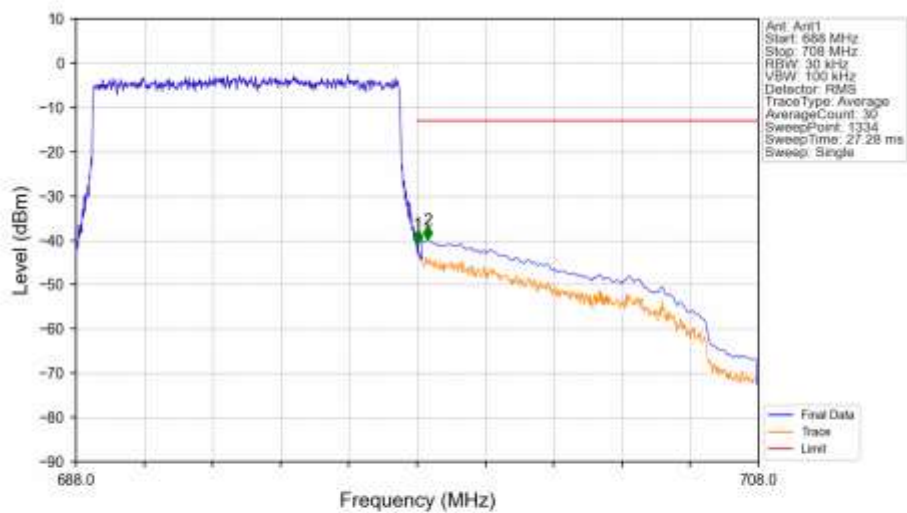
Band71 10MHz QPSK HCH 693MHz RB 1 0 NTNV



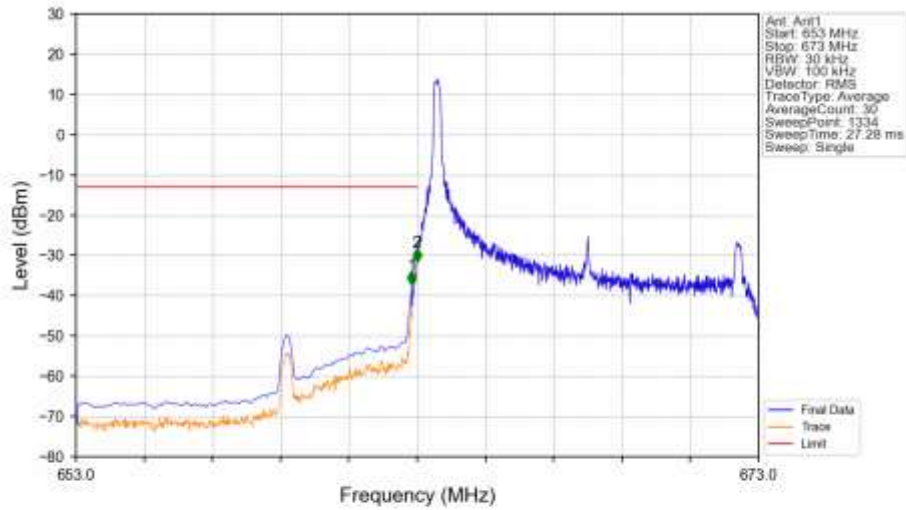
Band71 10MHz QPSK HCH 693MHz RB 1 49 NTNV



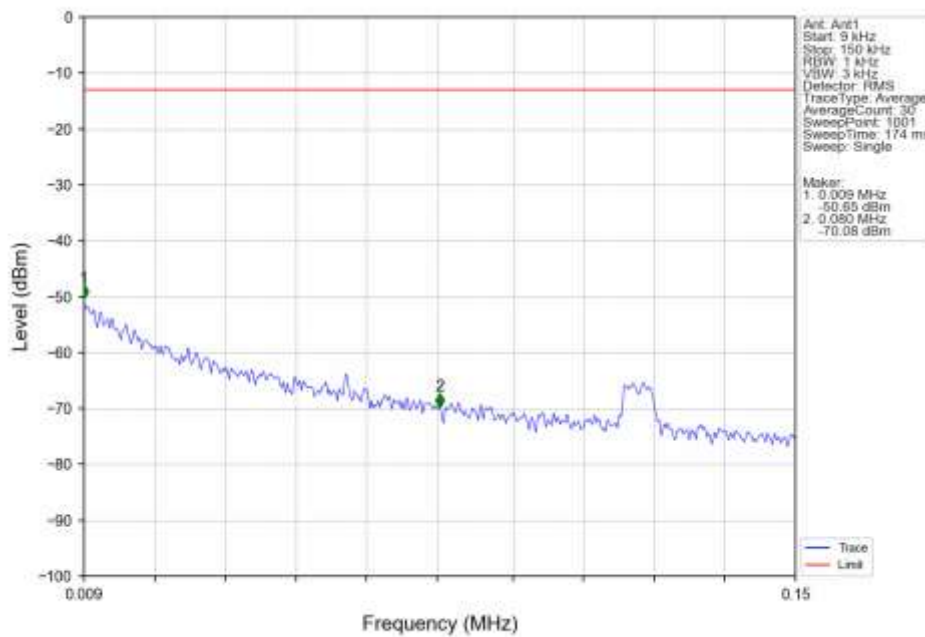
Band71 10MHz QPSK HCH 693MHz RB 50 0 NTNV



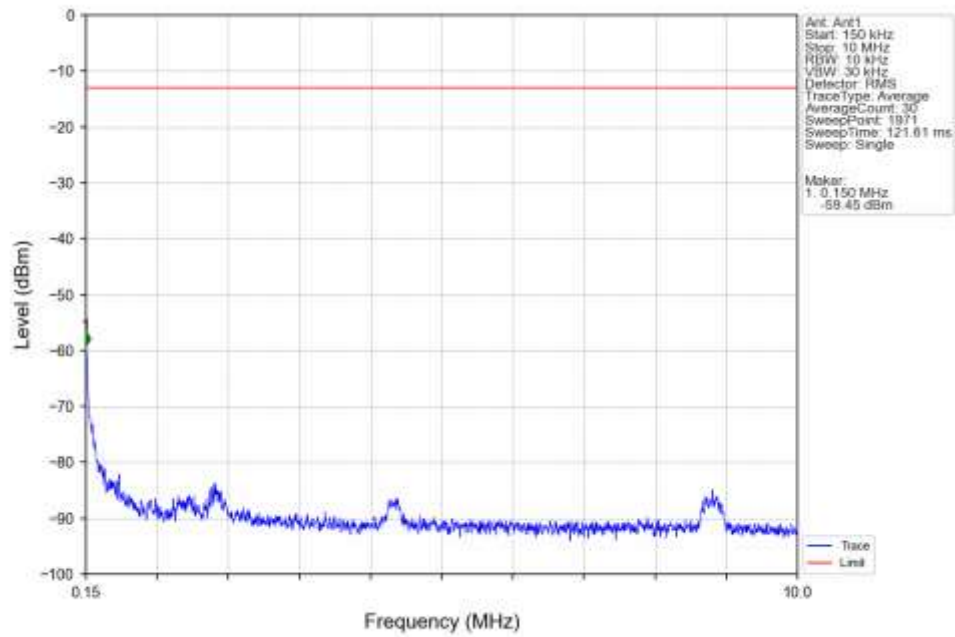
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



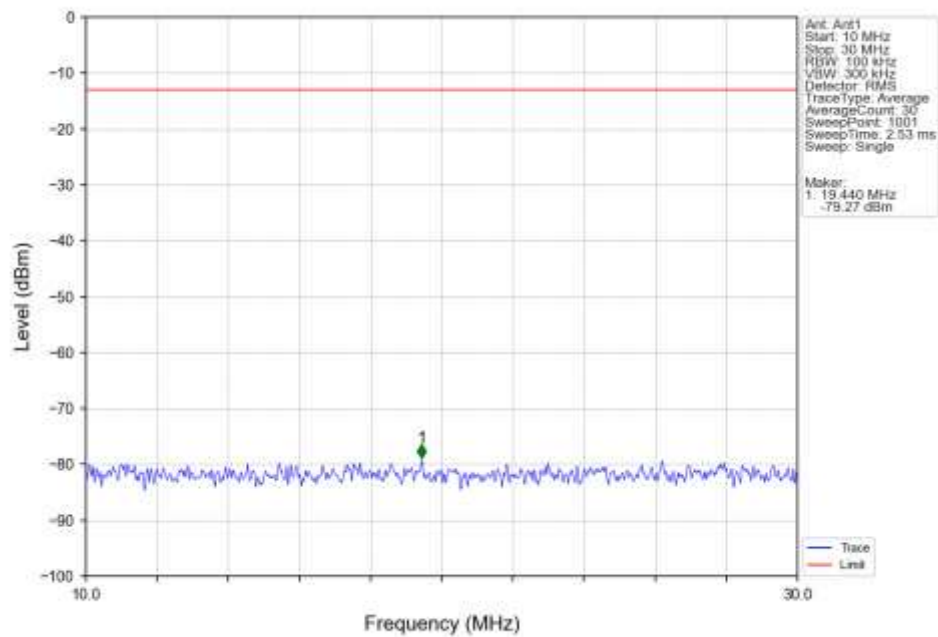
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



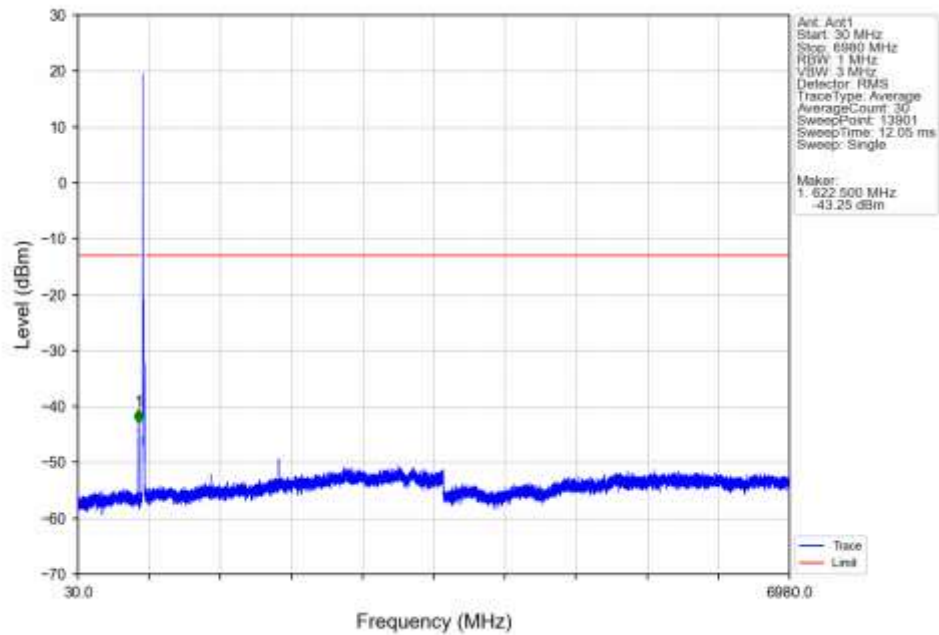
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



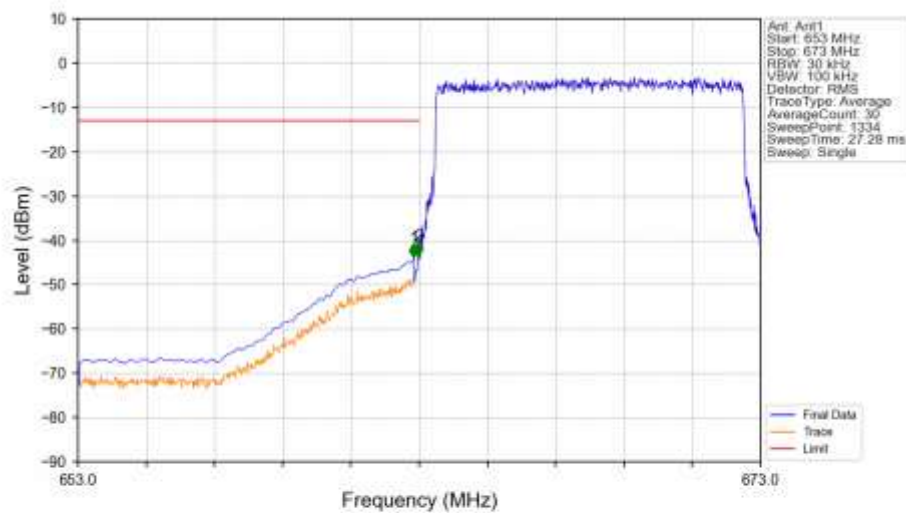
Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV



Band71 10MHz 16QAM LCH 668MHz RB 1 0 NTNV

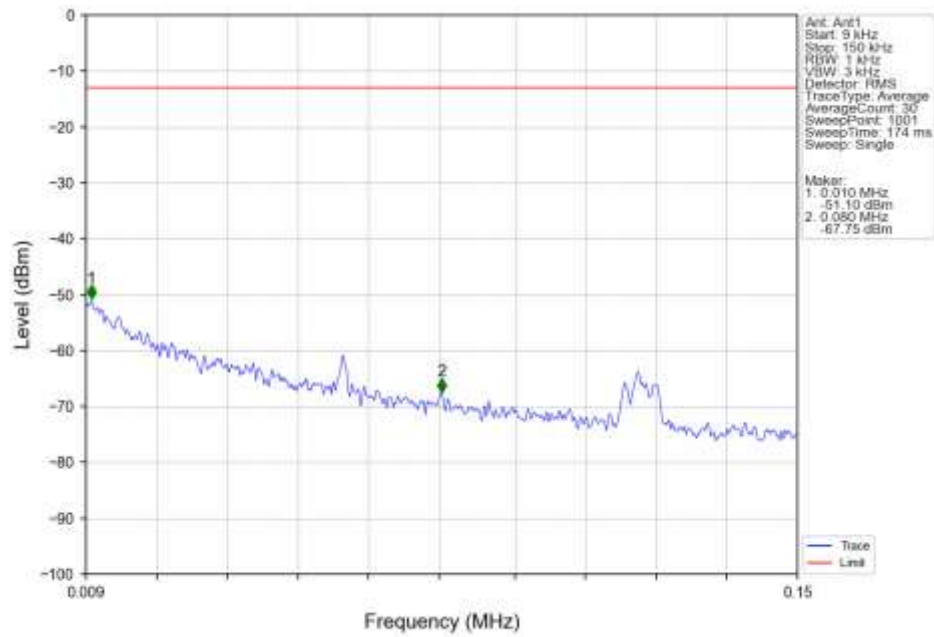


Band71 10MHz 16QAM LCH 668MHz RB 50 0 NTNV

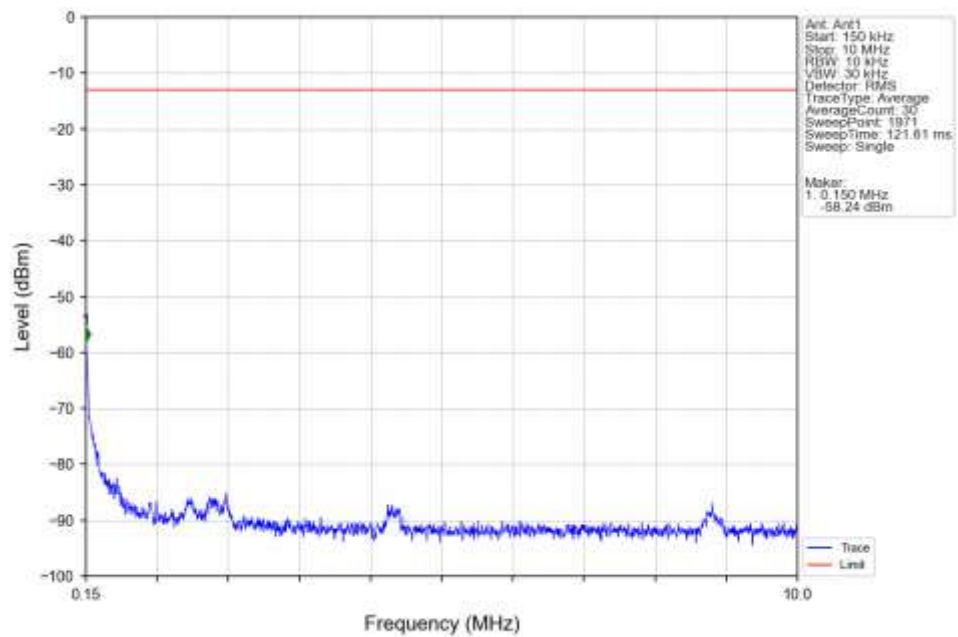


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
653	662.9	0.1	CHP	1	662.842	-43.87	-13	Pass
662.9	663	0.03	/	2	662.977	-43.57	-13	Pass
663	673	0.03	/	/	/	/	/	/

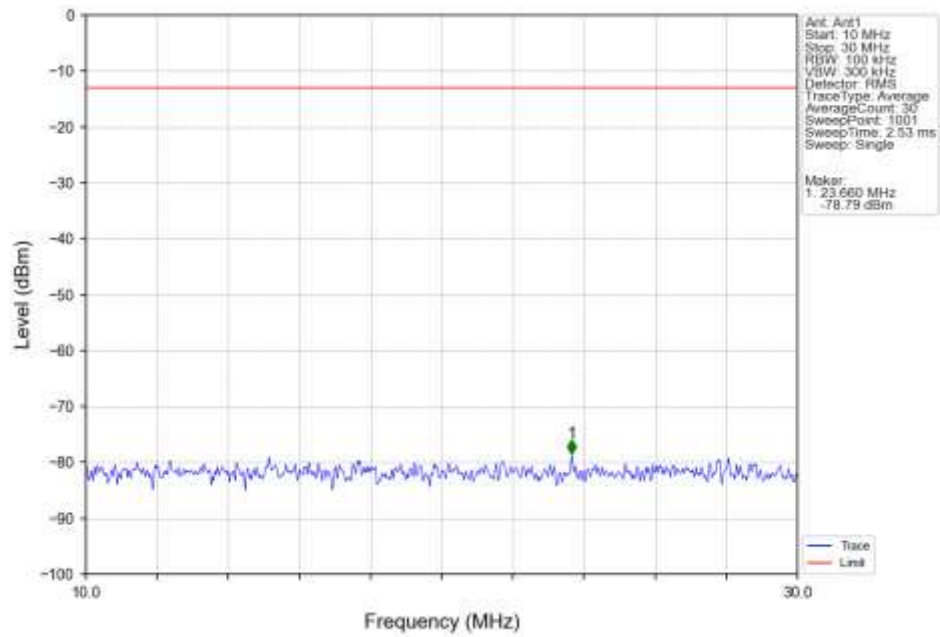
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



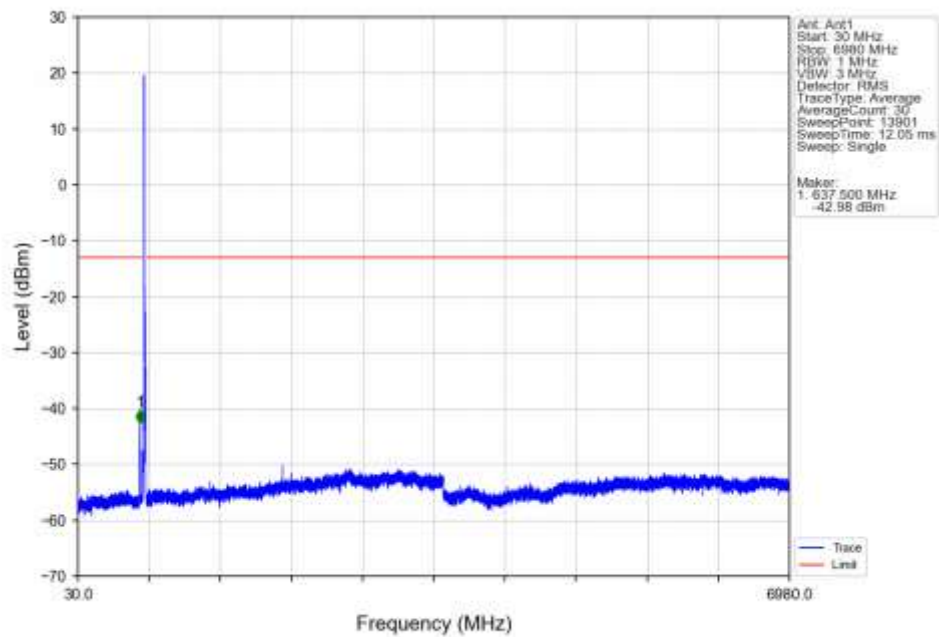
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



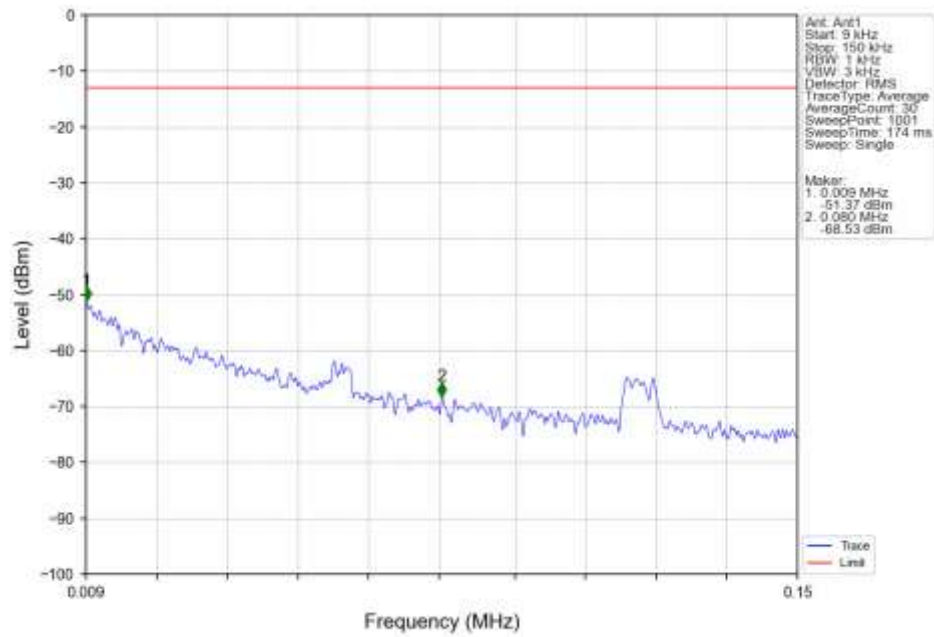
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTV



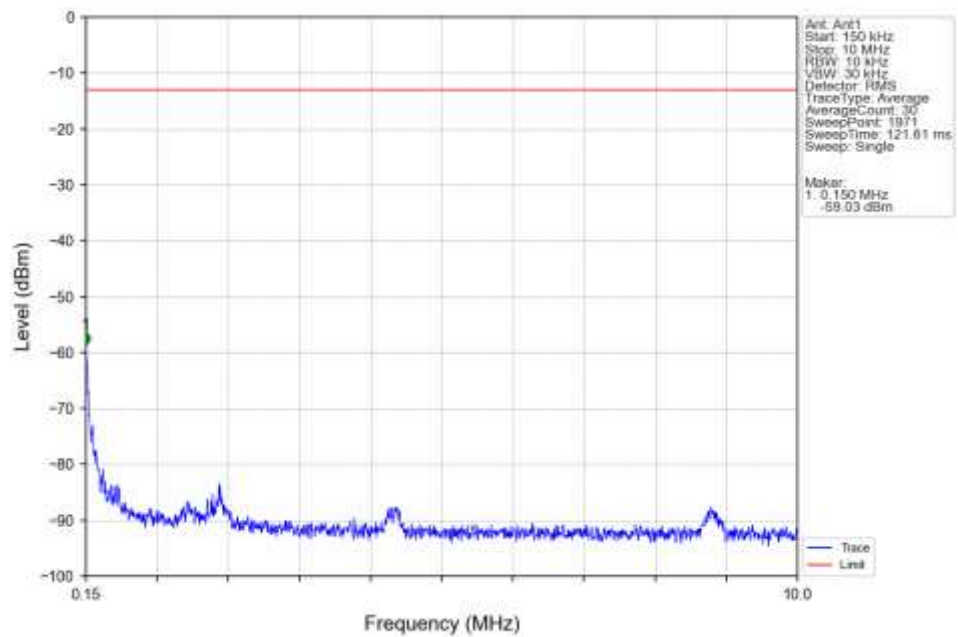
Band71 10MHz 16QAM MCH 680.5MHz RB 1 0 NTV



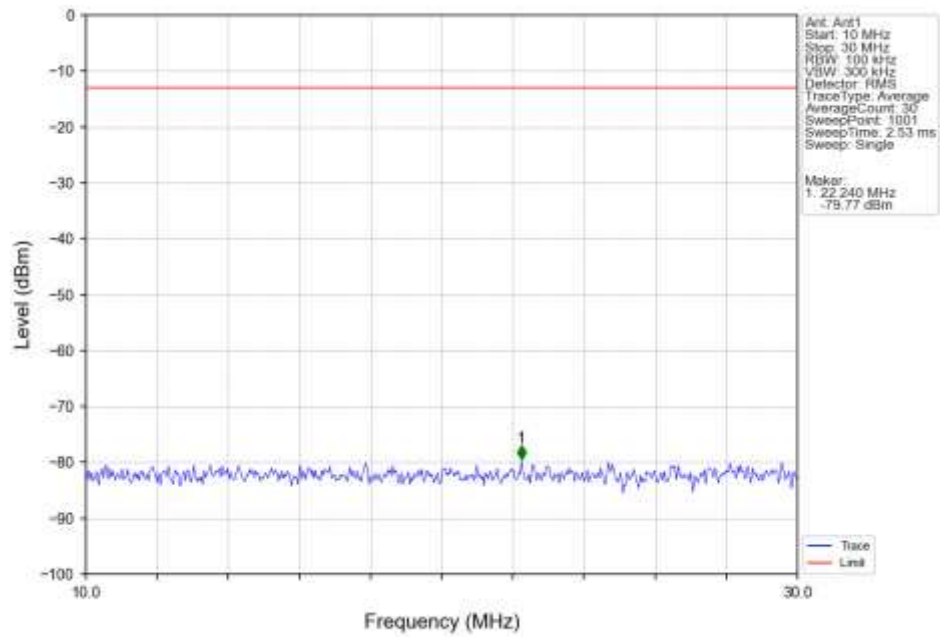
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTNV



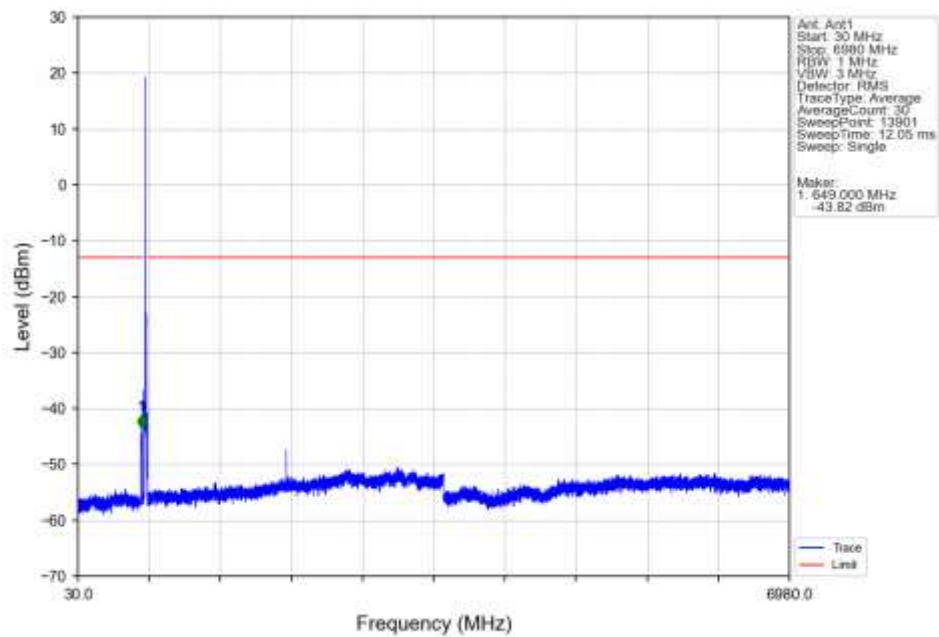
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTNV



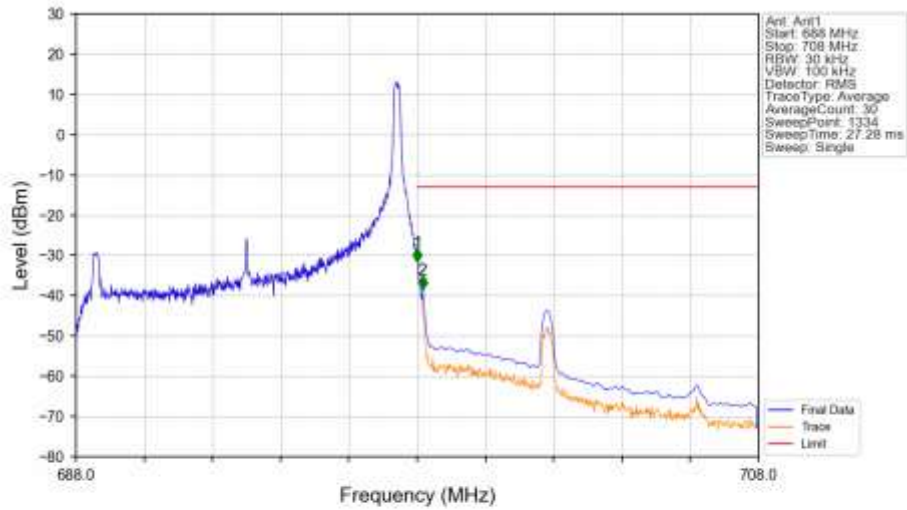
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTNV



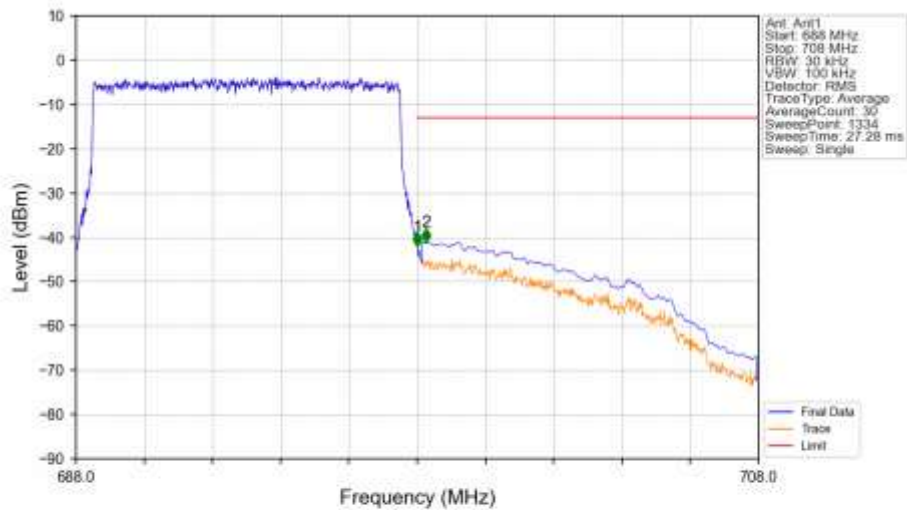
Band71 10MHz 16QAM HCH 693MHz RB 1 0 NTNV



Band71 10MHz 16QAM HCH 693MHz RB 1 49 NTNV

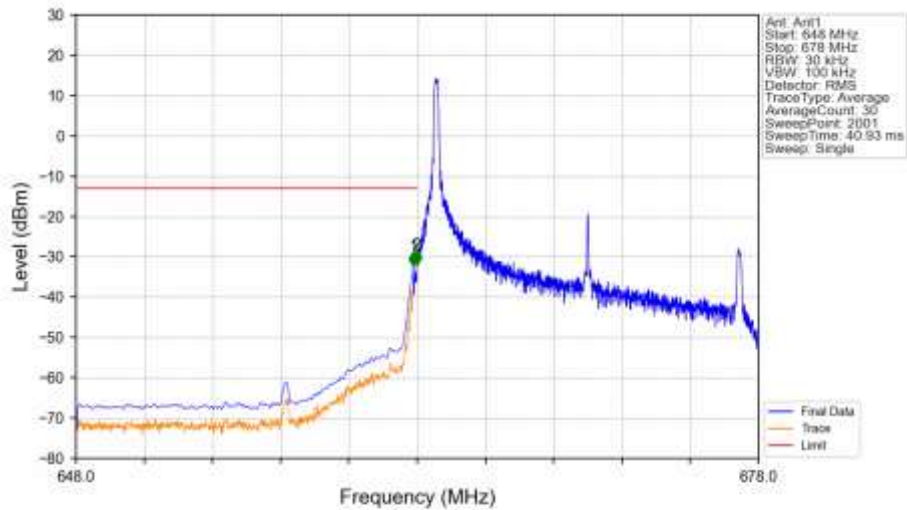


Band71 10MHz 16QAM HCH 693MHz RB 50 0 NTNV

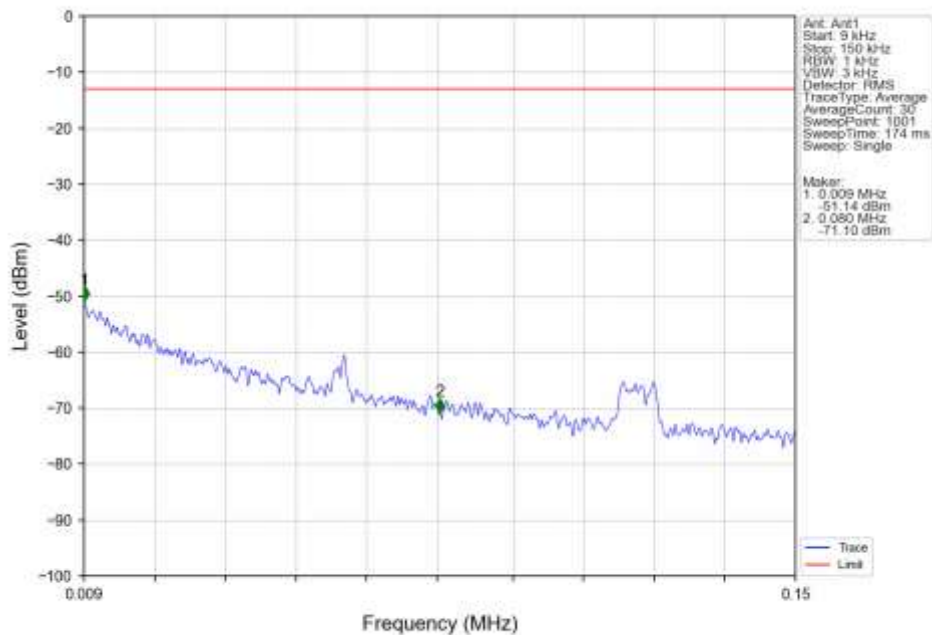


6.2.3 B71_15MHz

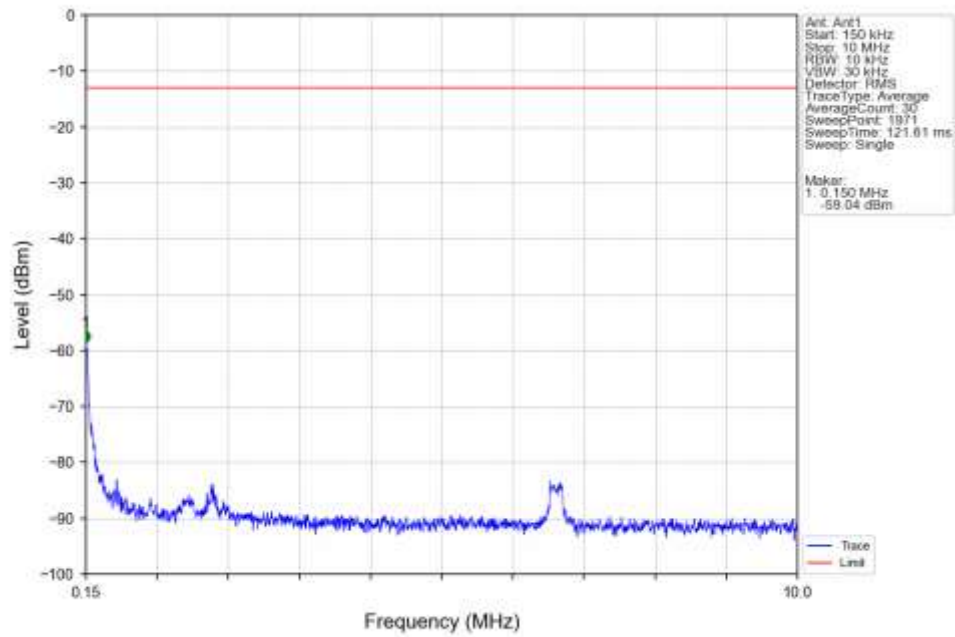
Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV



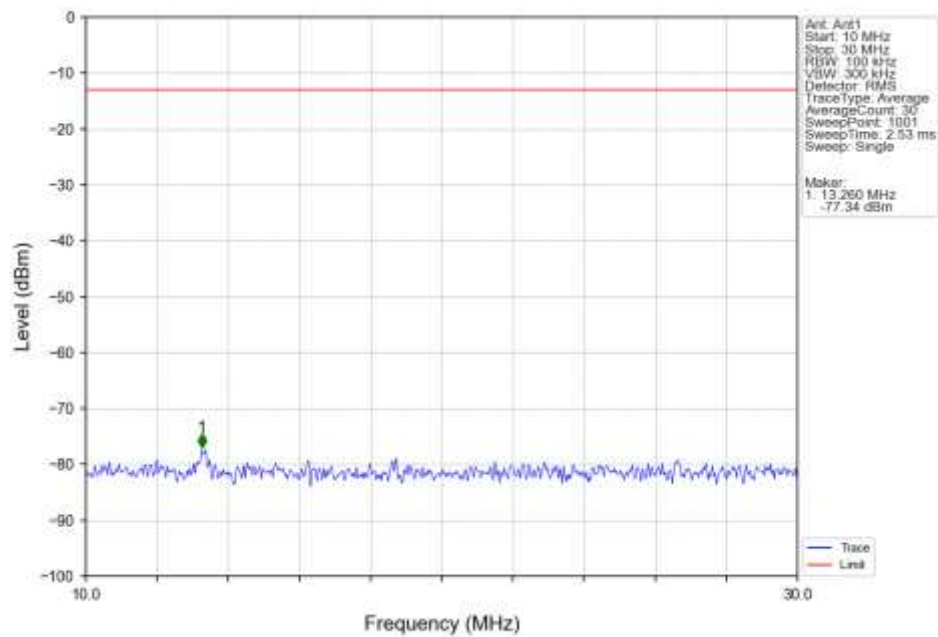
Band71_15MHz_QPSK_LCH_670.5MHz_RB_1_0_NTNV



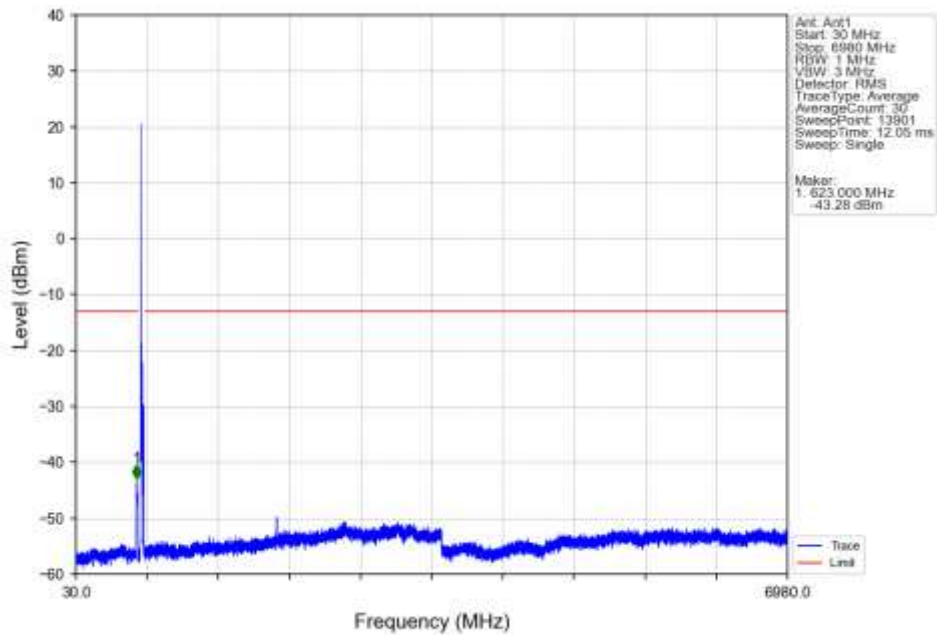
Band71 15MHz QPSK LCH 670.5MHz RB 1 0 NTNV



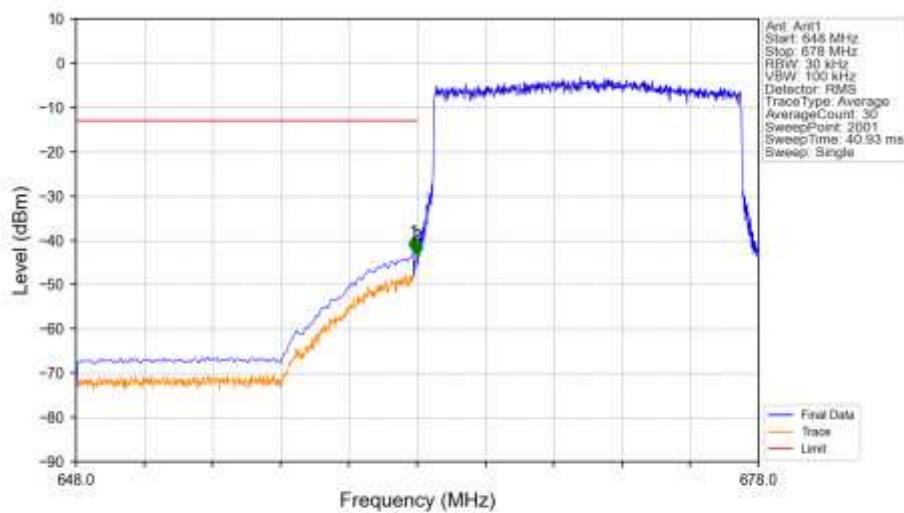
Band71 15MHz QPSK LCH 670.5MHz RB 1 0 NTNV



Band71 15MHz QPSK LCH 670.5MHz RB 1 0 NTNV

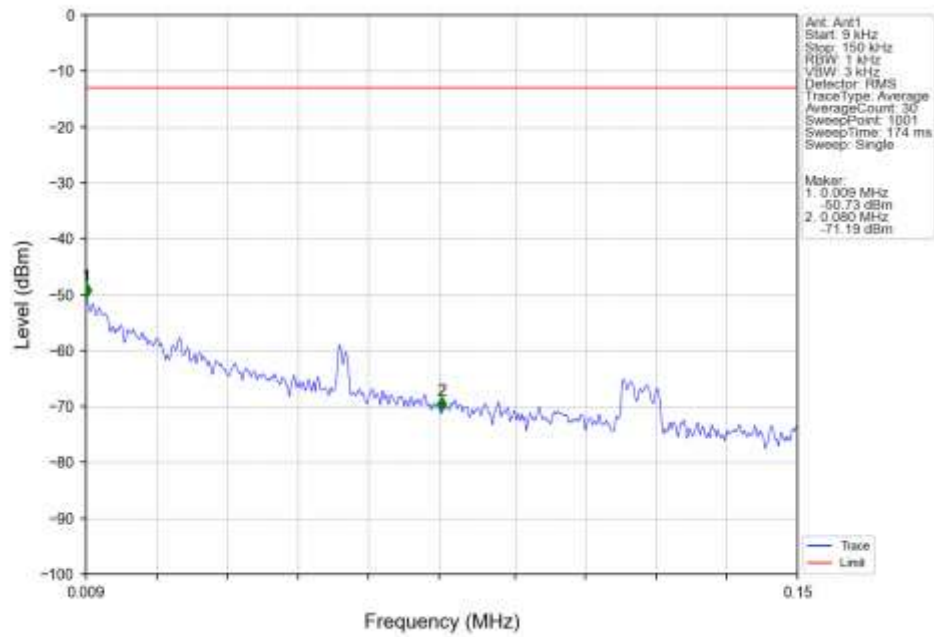


Band71 15MHz QPSK LCH 670.5MHz RB 75 0 NTNV

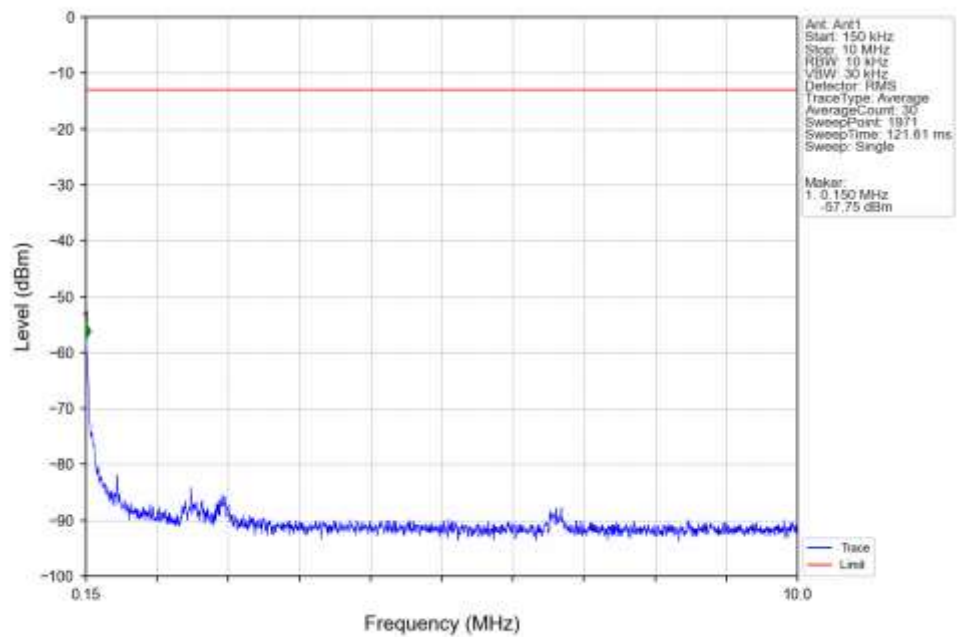


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-42.41	-13	Pass
662.9	663	0.03	/	2	662.985	-43.40	-13	Pass
663	678	0.03	/	/	/	/	/	/

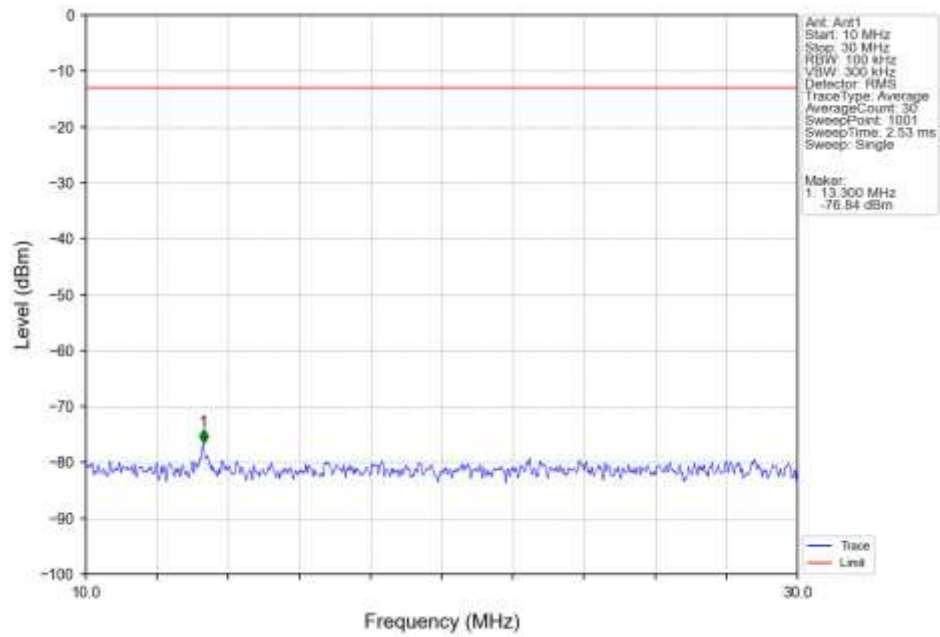
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



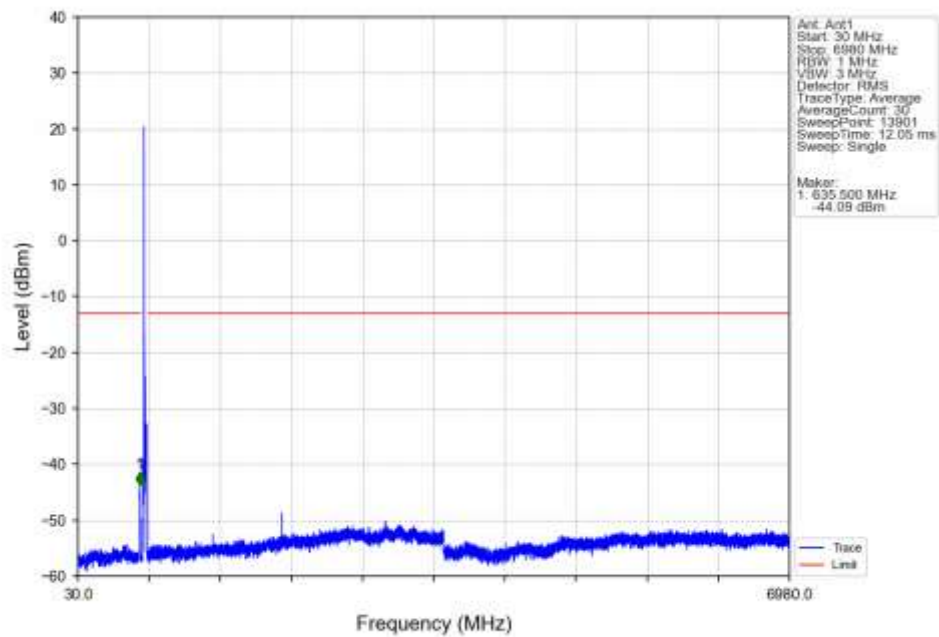
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



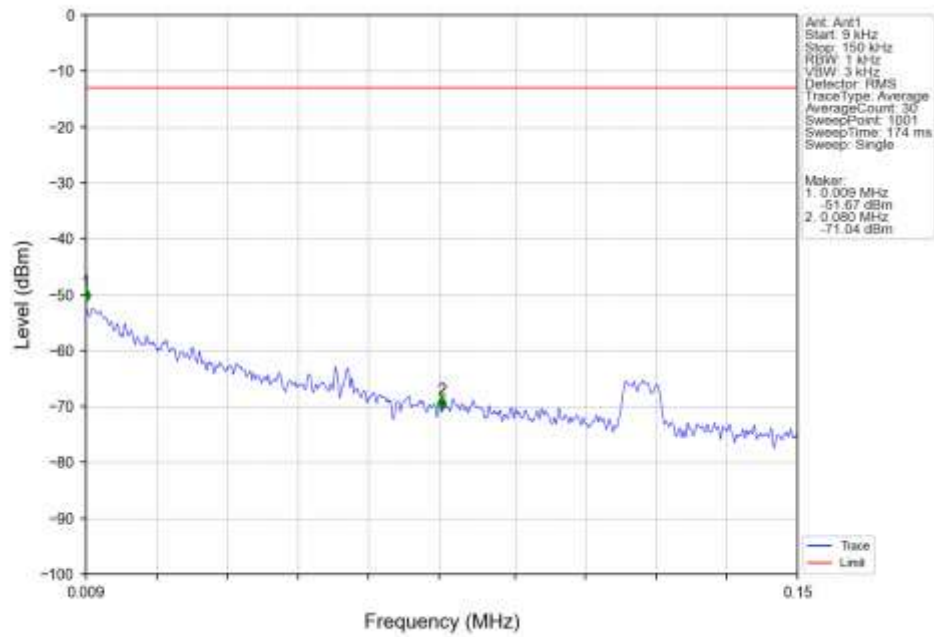
Band71 15MHz QPSK MCH 680.5MHz RB 1 0 NTNV



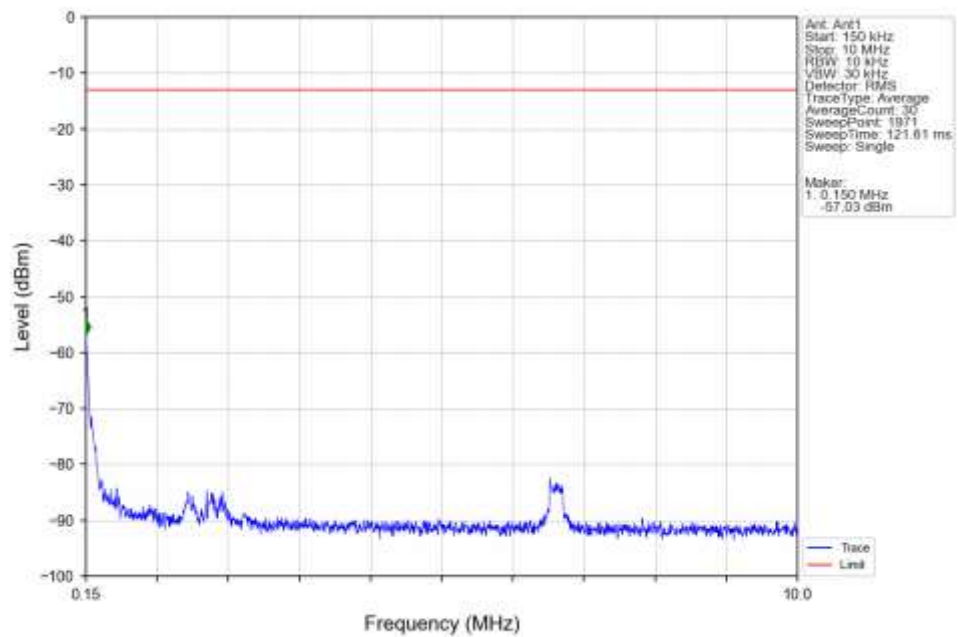
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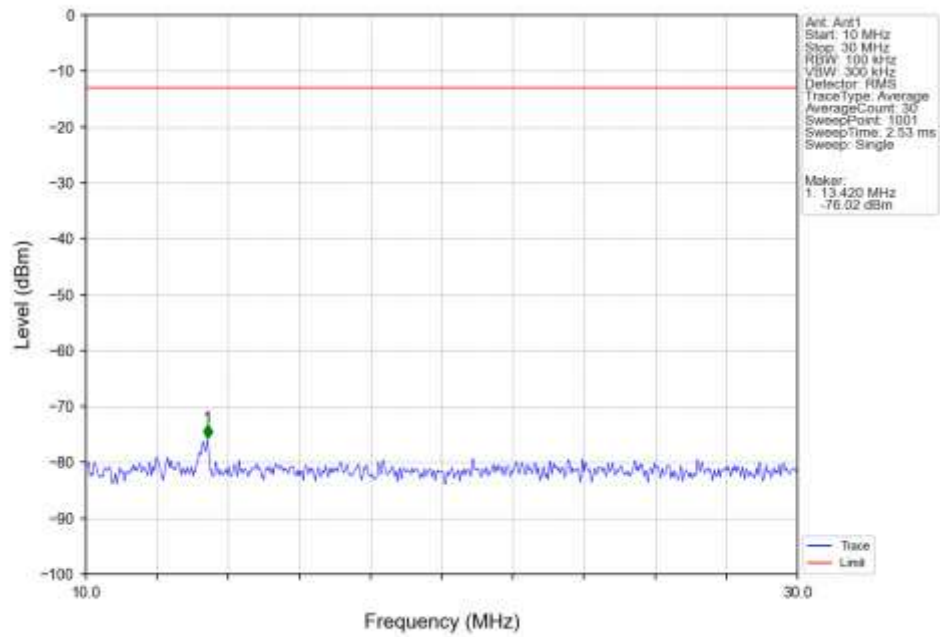
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV



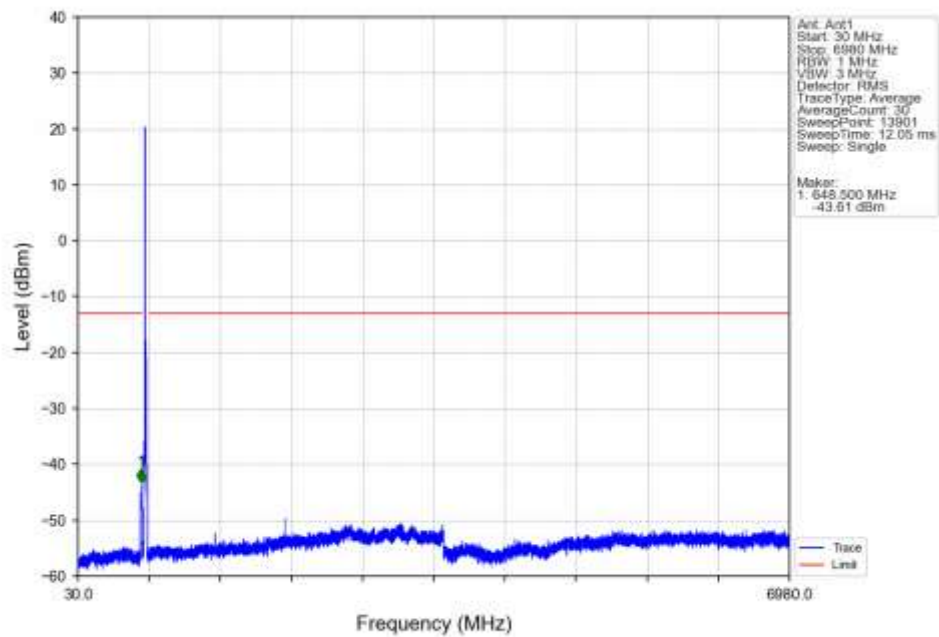
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV



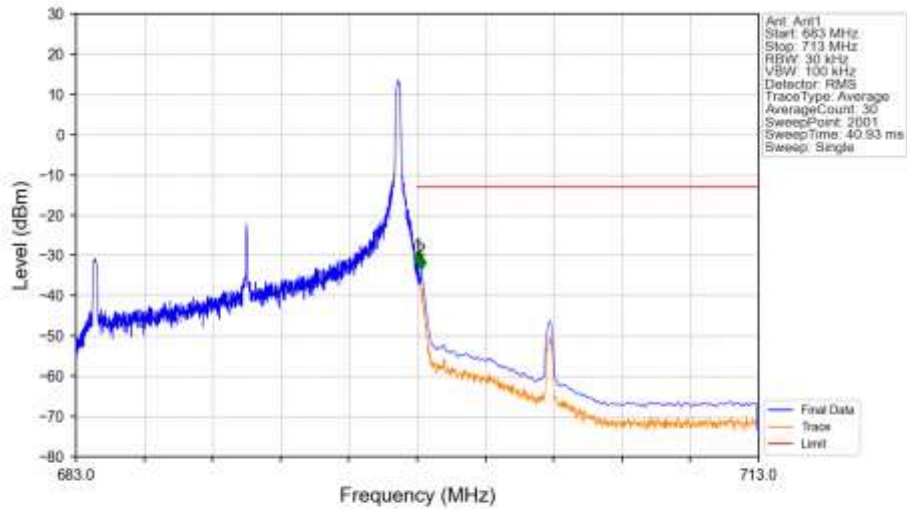
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV



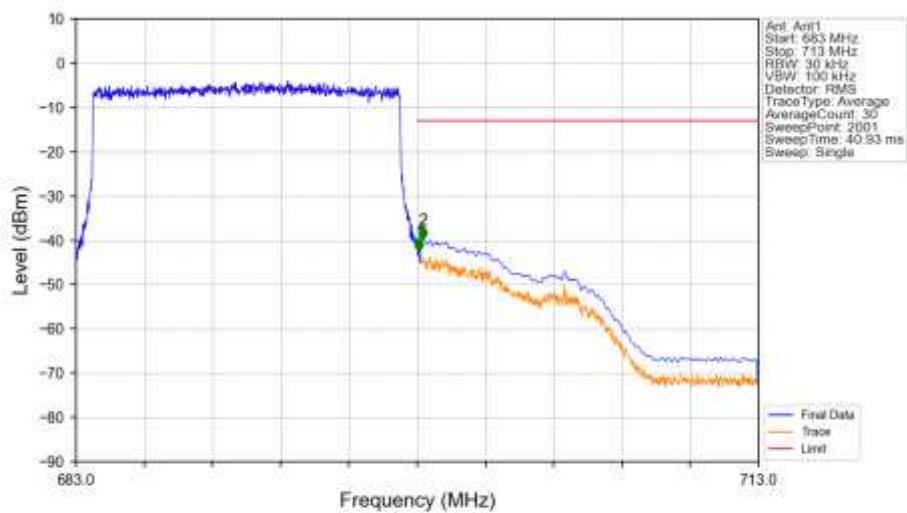
Band71 15MHz QPSK HCH 690.5MHz RB 1 0 NTV



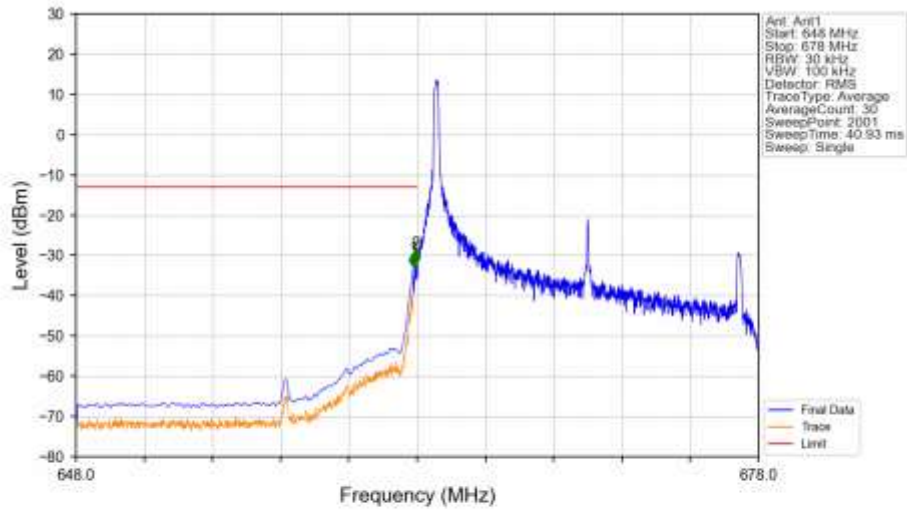
Band71 15MHz QPSK HCH 690.5MHz RB 1 74 NTV



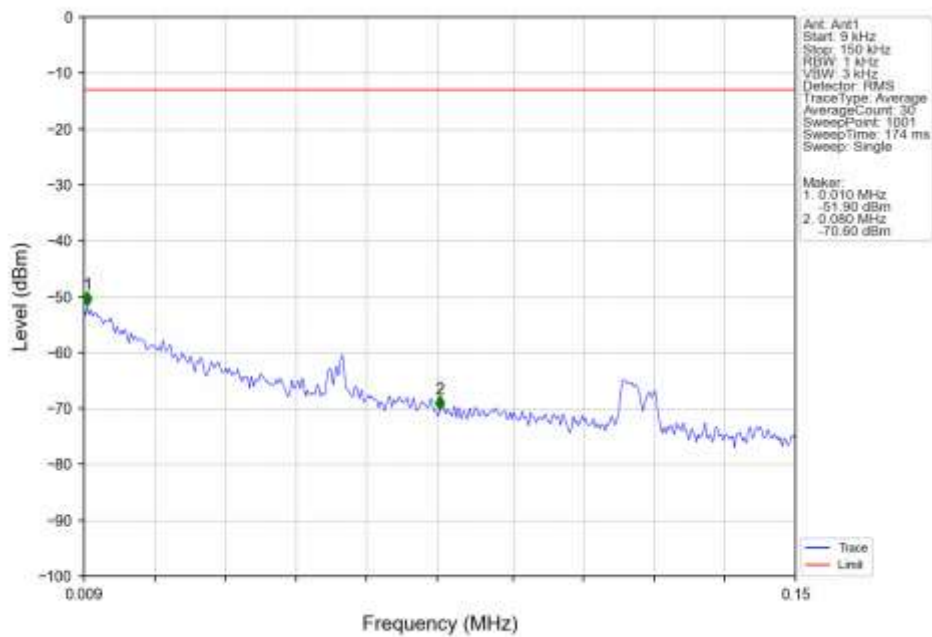
Band71 15MHz QPSK HCH 690.5MHz RB 75 0 NTV



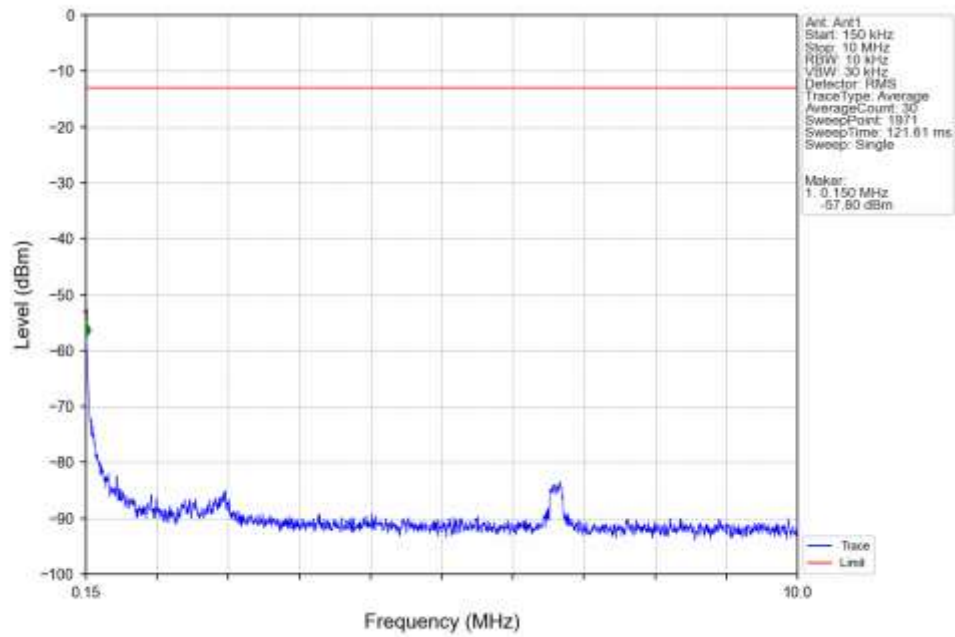
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTNV



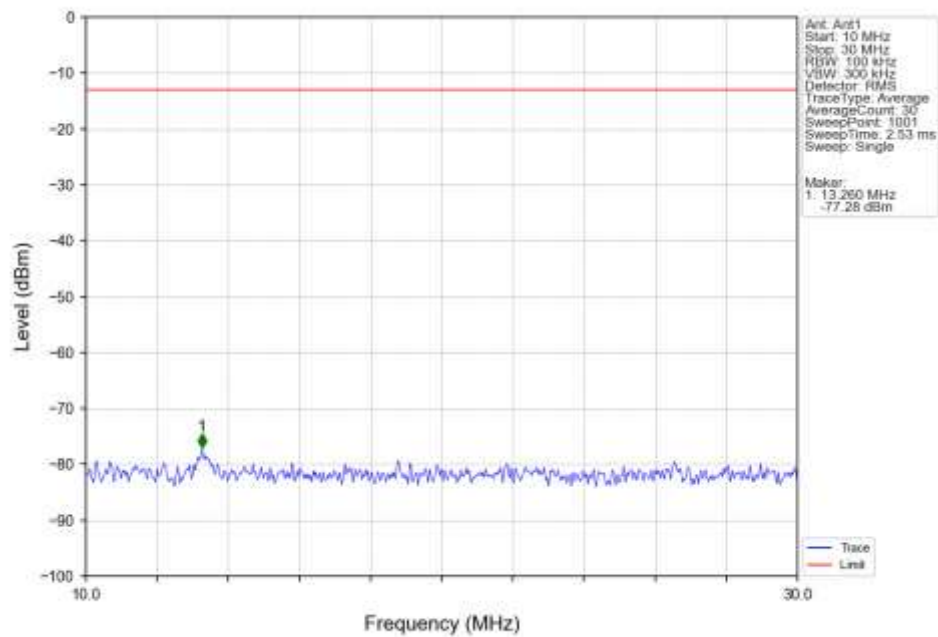
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTNV



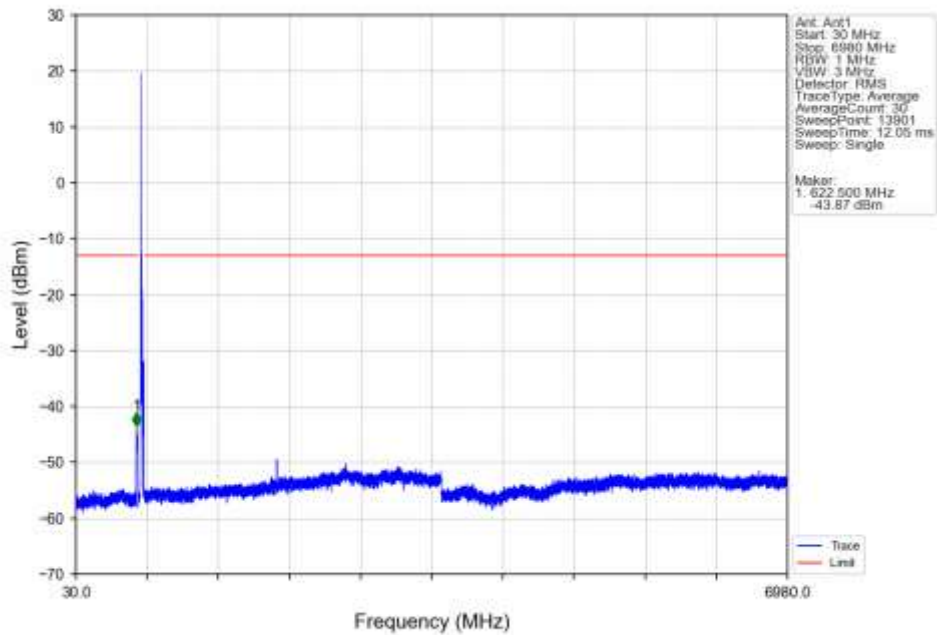
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTNV



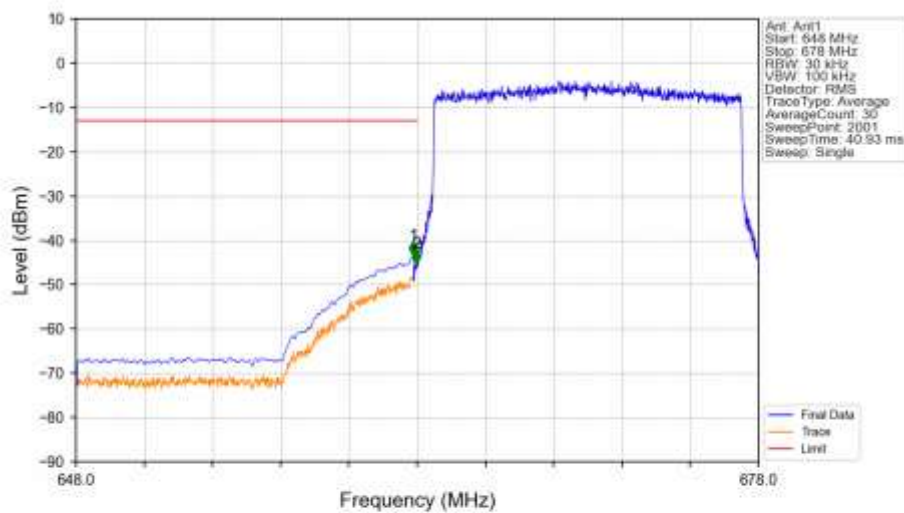
Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTNV



Band71 15MHz 16QAM LCH 670.5MHz RB 1 0 NTNV

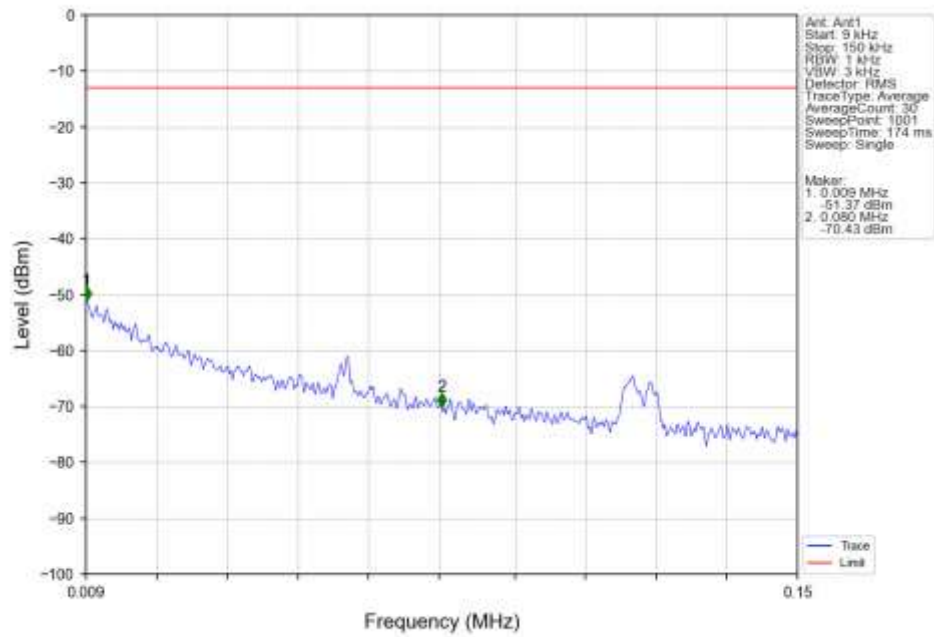


Band71 15MHz 16QAM LCH 670.5MHz RB 75 0 NTNV

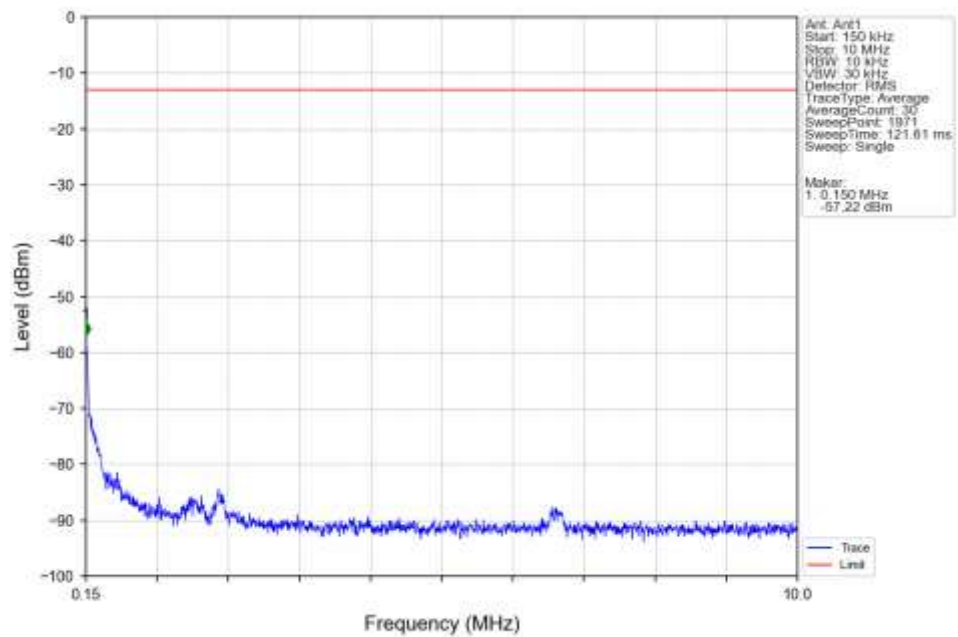


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
648	662.9	0.1	CHP	1	662.835	-43.39	-13	Pass
662.9	663	0.03	/	2	662.970	-45.17	-13	Pass
663	678	0.03	/	/	/	/	/	/

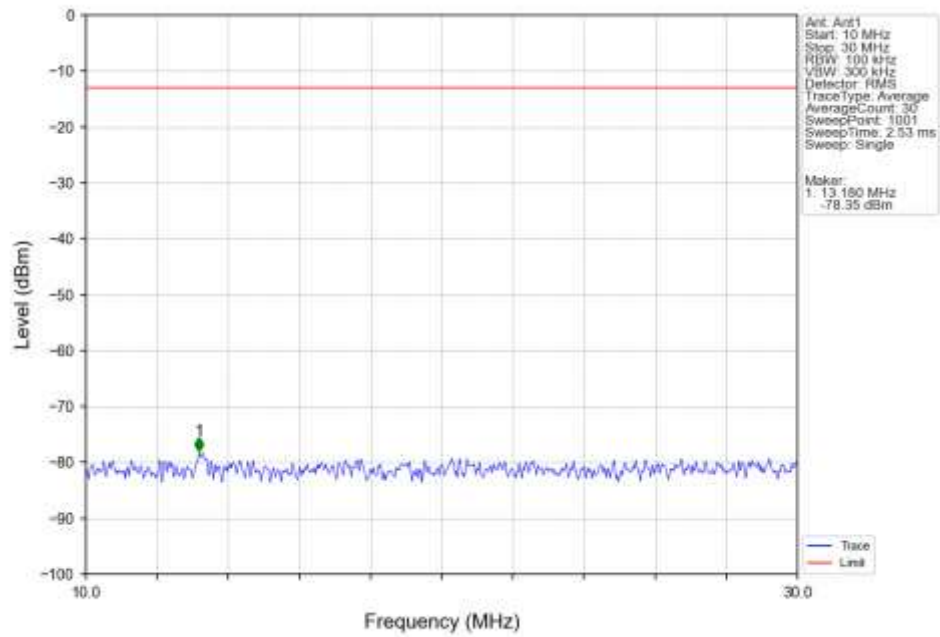
Band71 15MHz 16QAM MCH 680.5MHz RB 1 0 NTV



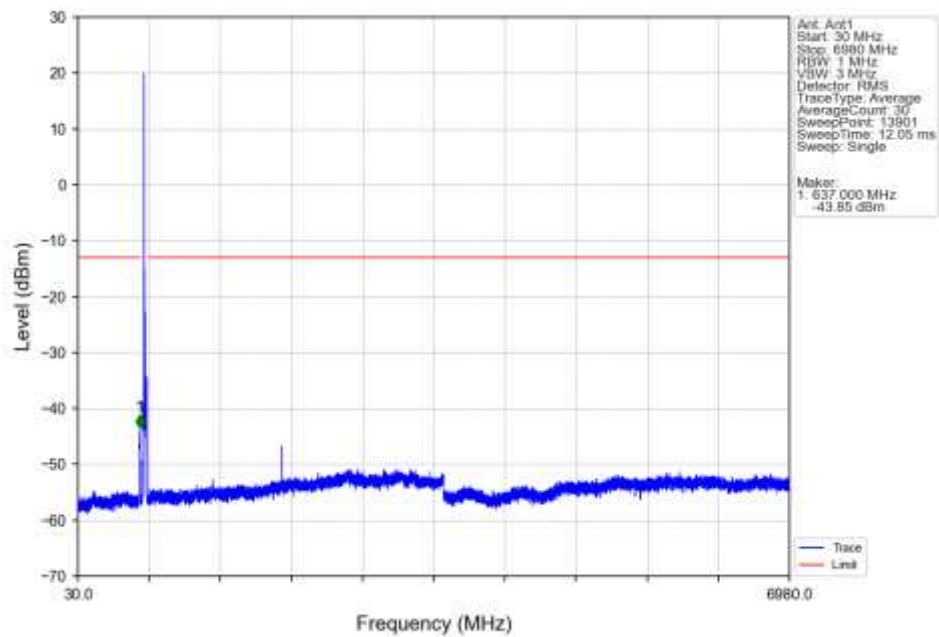
Band71 15MHz 16QAM MCH 680.5MHz RB 1 0 NTV



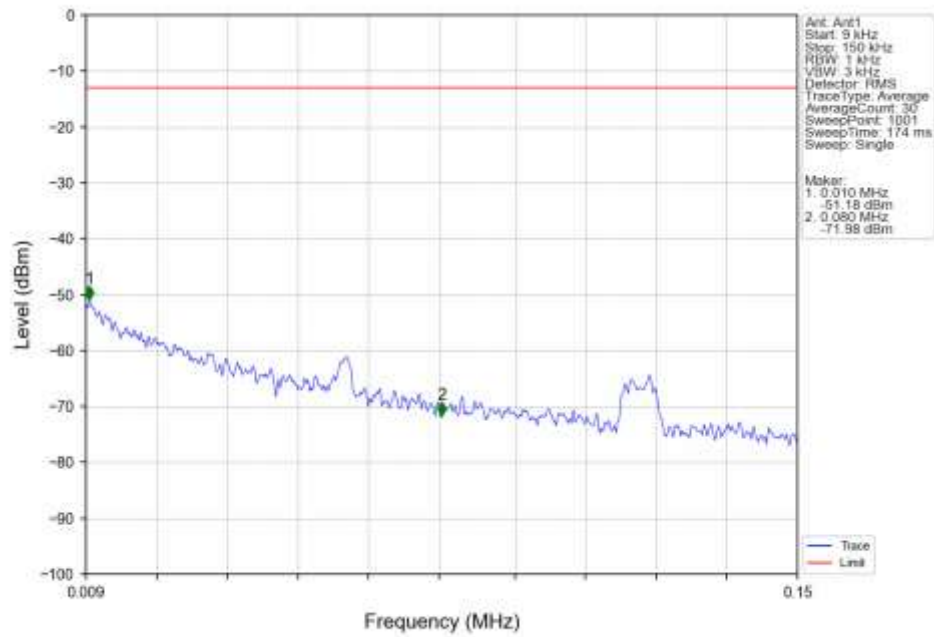
Band71 15MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



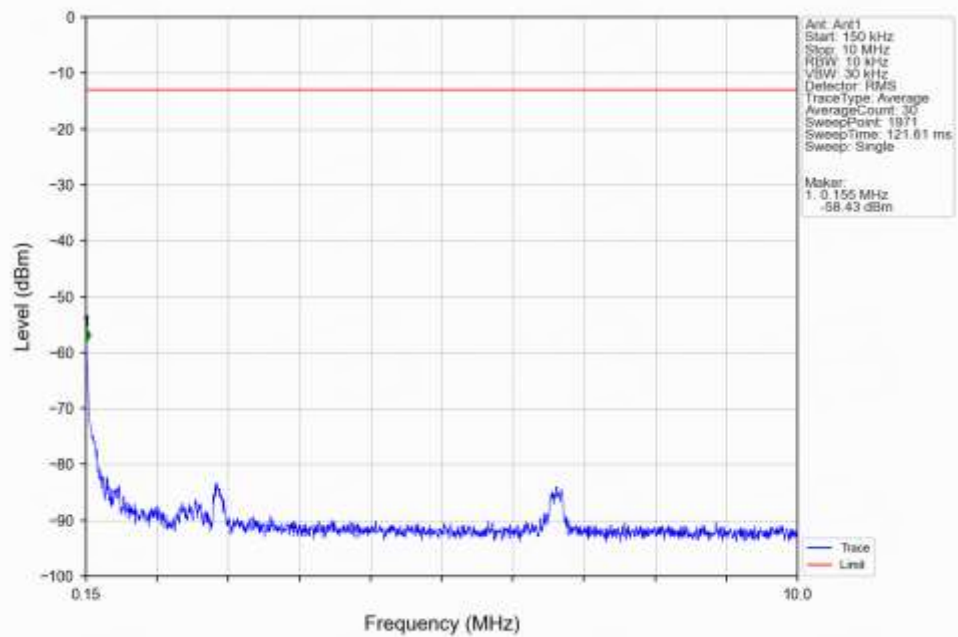
Band71 15MHz 16QAM MCH 680.5MHz RB 1 0 NTNV



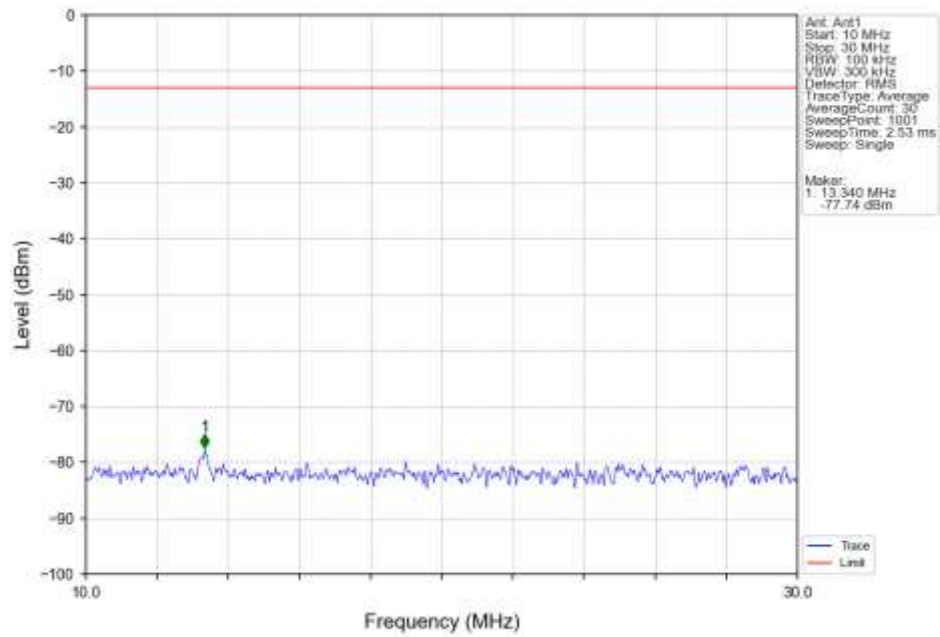
Band71 15MHz 16QAM HCH 690.5MHz RB 1 0 NTV



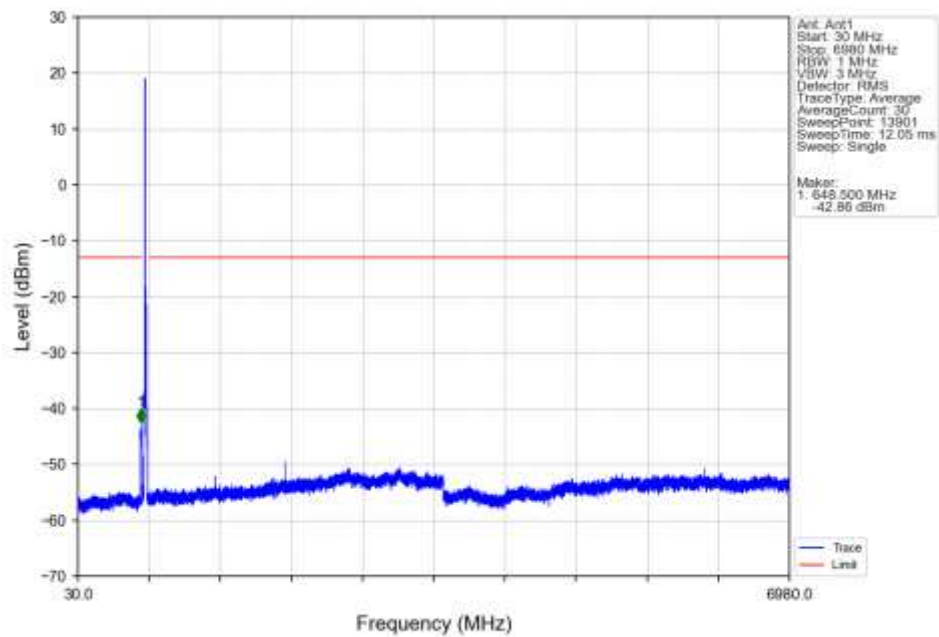
Band71 15MHz 16QAM HCH 690.5MHz RB 1 0 NTV



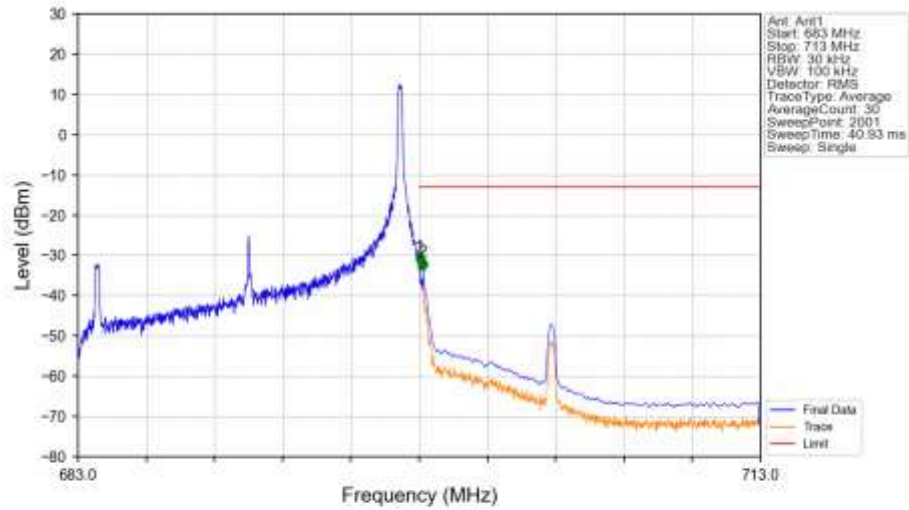
Band71 15MHz 16QAM HCH 690.5MHz RB 1 0 NTNV



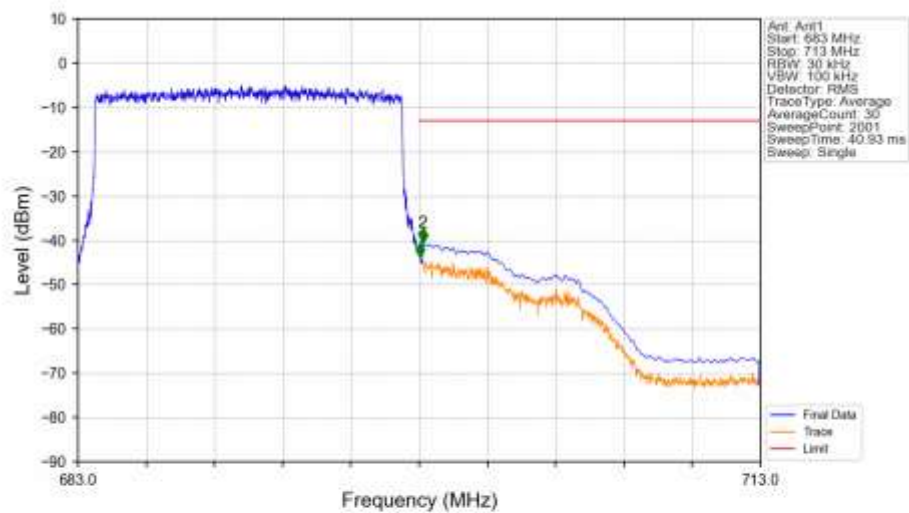
Band71 15MHz 16QAM HCH 690.5MHz RB 1 0 NTNV



Band71 15MHz 16QAM HCH 690.5MHz RB 1 74 NTNV

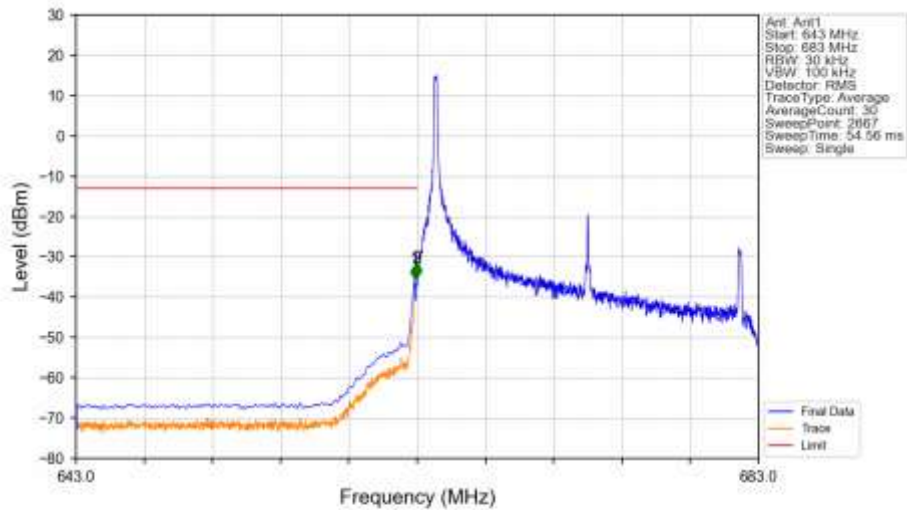


Band71 15MHz 16QAM HCH 690.5MHz RB 75 0 NTNV



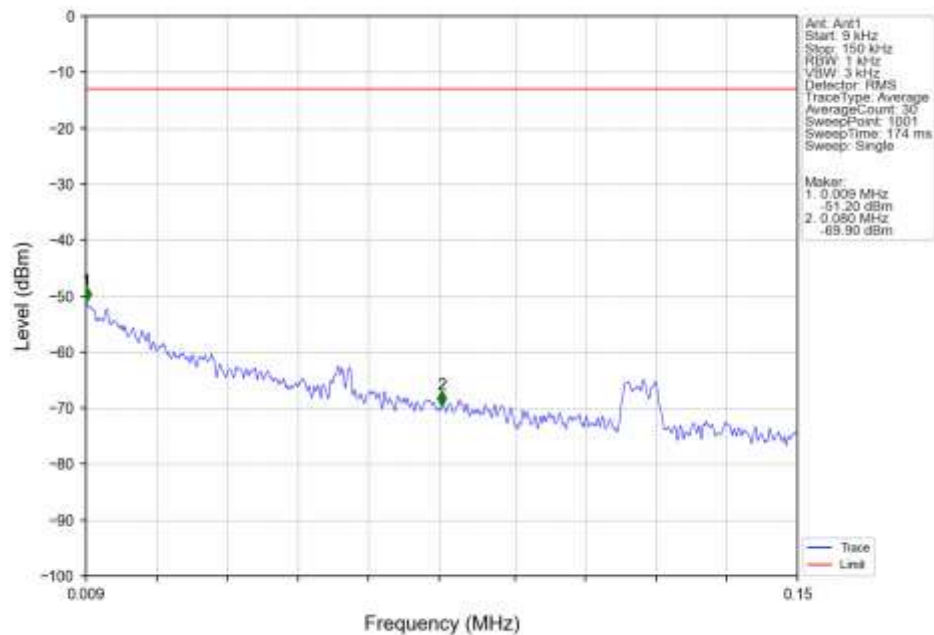
6.2.4 B71_20MHz

Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV

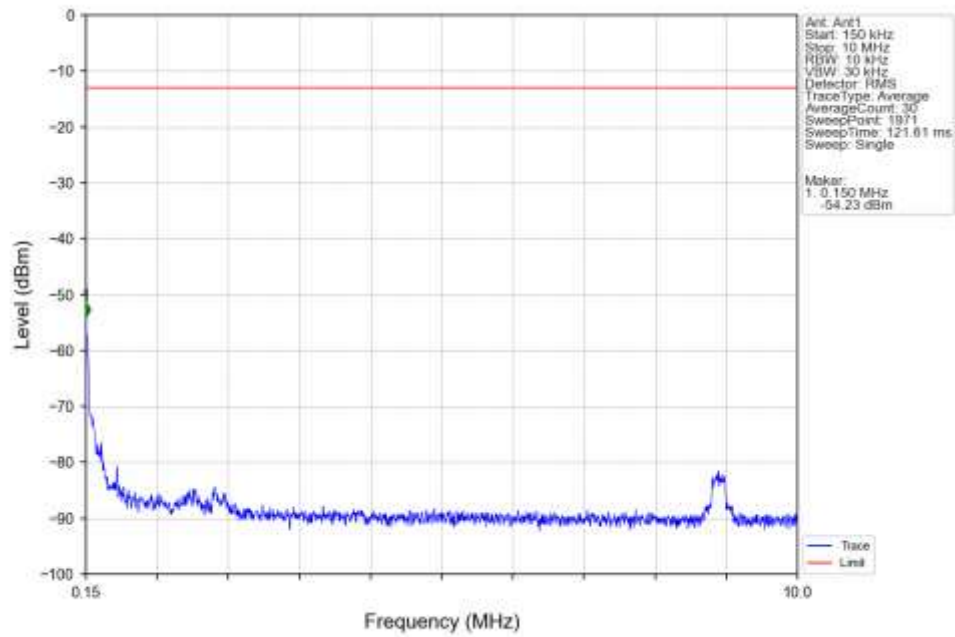


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-35.49	-13	Pass
662.9	663	0.03	/	2	662.985	-34.99	-13	Pass
663	683	0.03	/	/	/	/	/	/

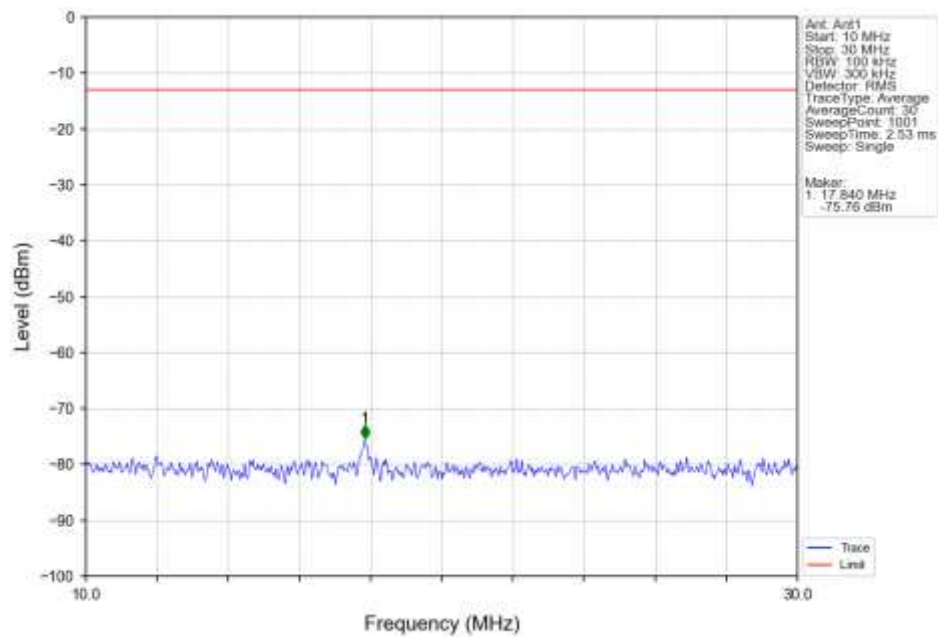
Band71_20MHz_QPSK_LCH_673MHz_RB_1_0_NTNV



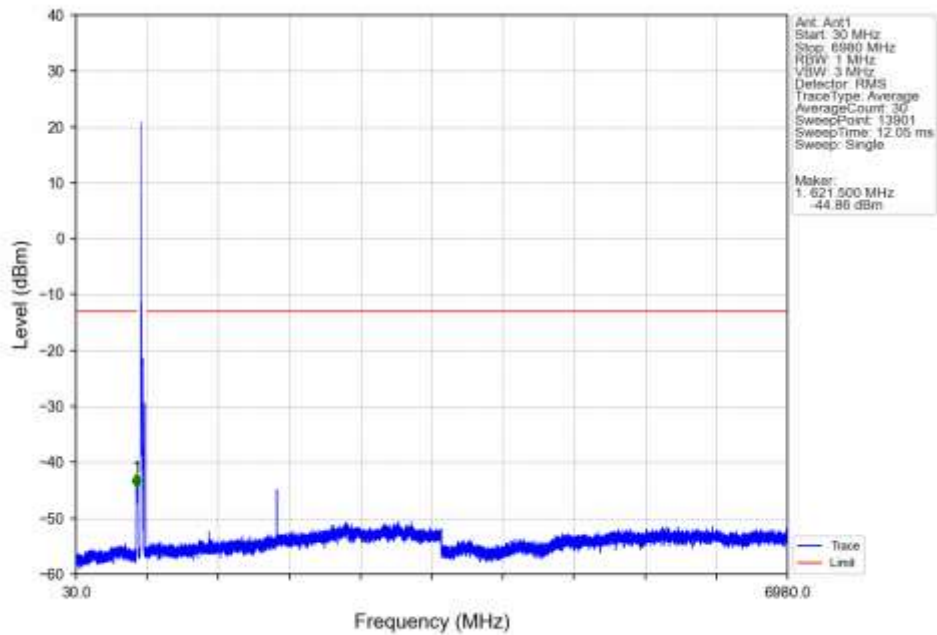
Band71 20MHz QPSK LCH 673MHz RB 1 0 NTN



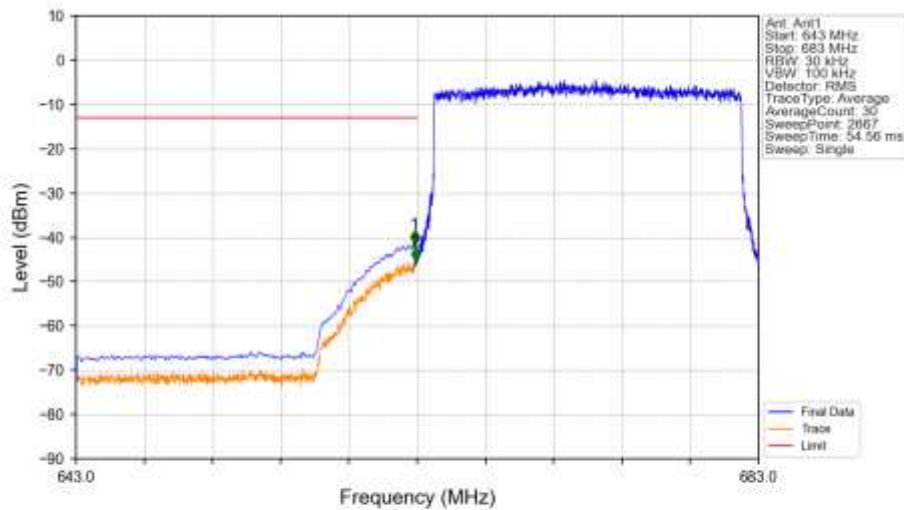
Band71 20MHz QPSK LCH 673MHz RB 1 0 NTN



Band71 20MHz QPSK LCH 673MHz RB 1 0 NTNV

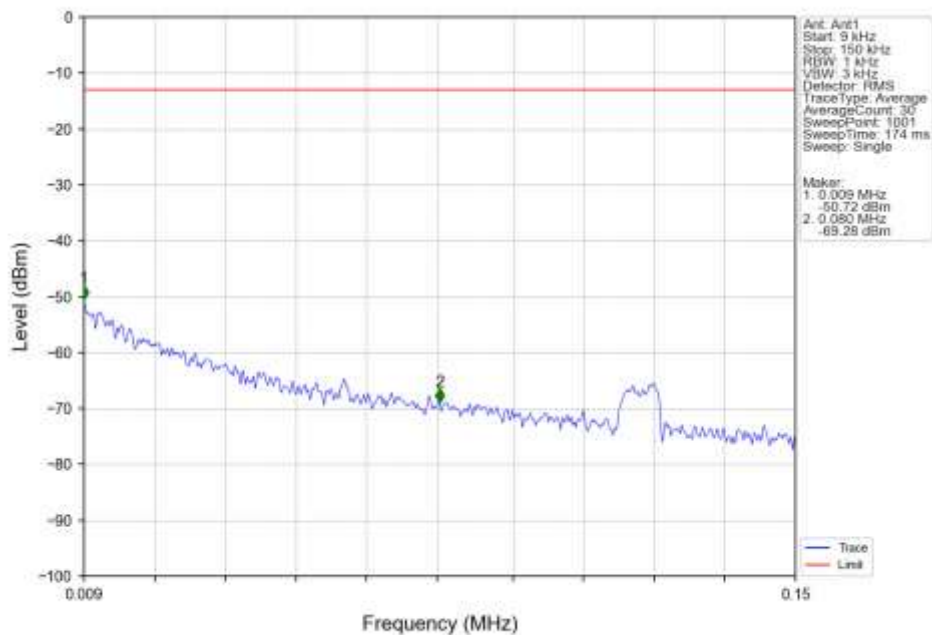


Band71 20MHz QPSK LCH 673MHz RB 100 0 NTNV

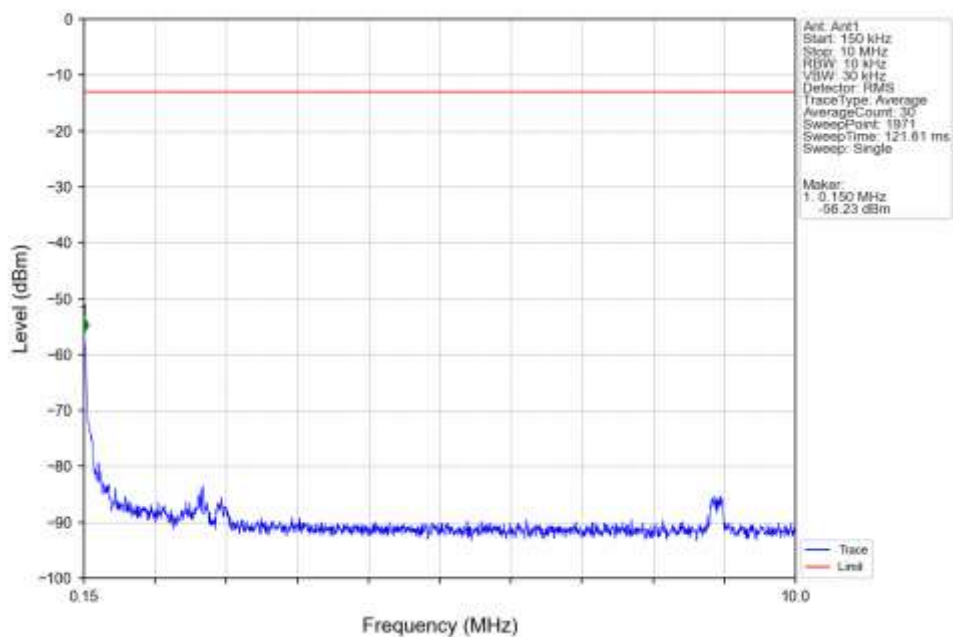


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.850	-41.54	-13	Pass
662.9	663	0.03	/	2	662.925	-45.30	-13	Pass
663	683	0.03	/	/	/	/	/	/

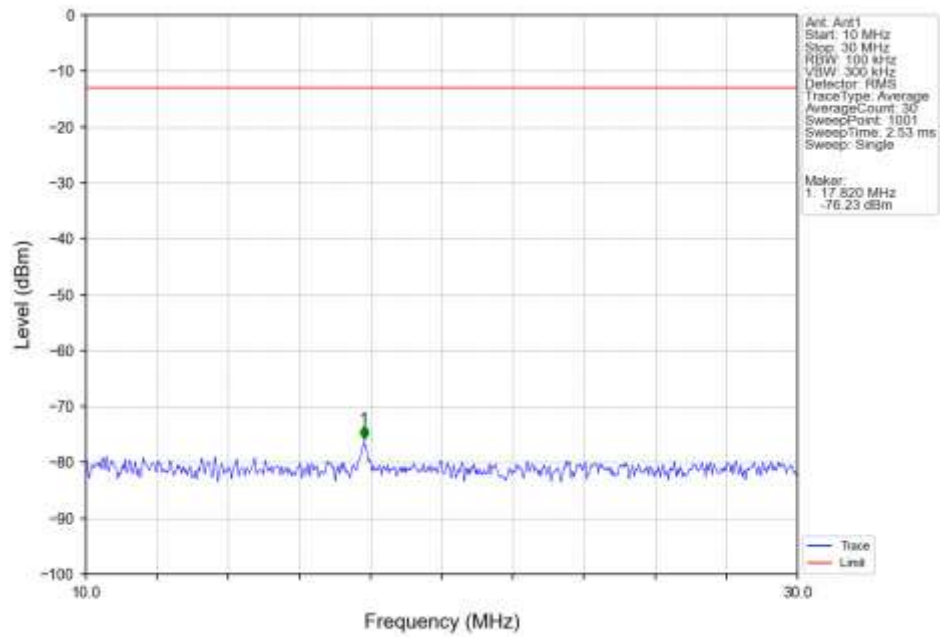
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



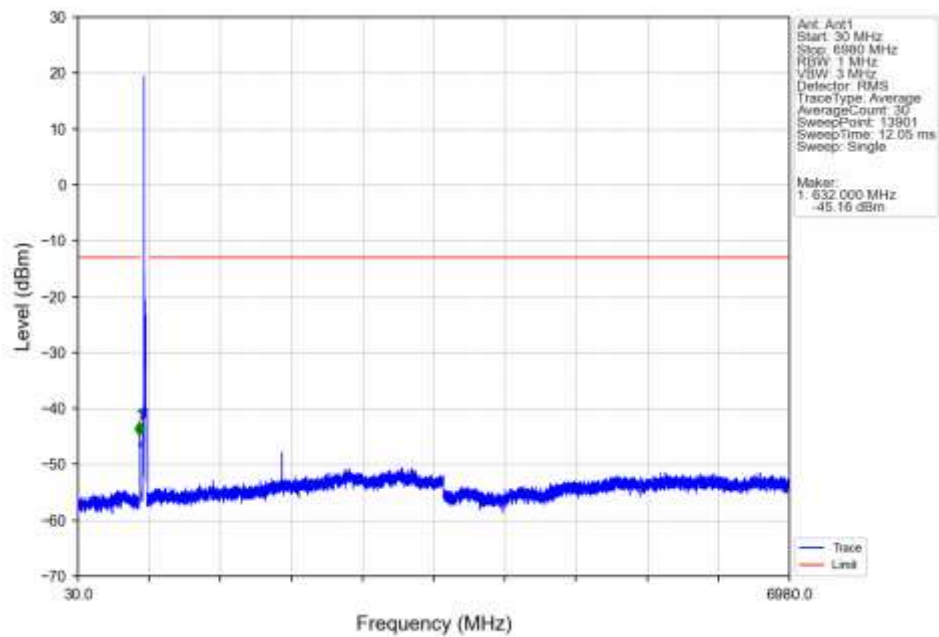
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



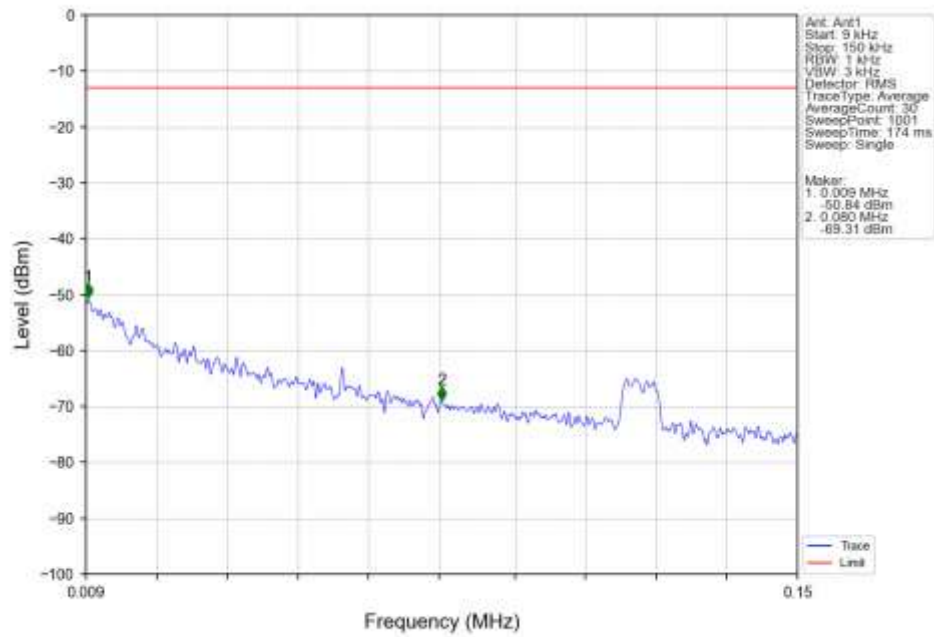
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



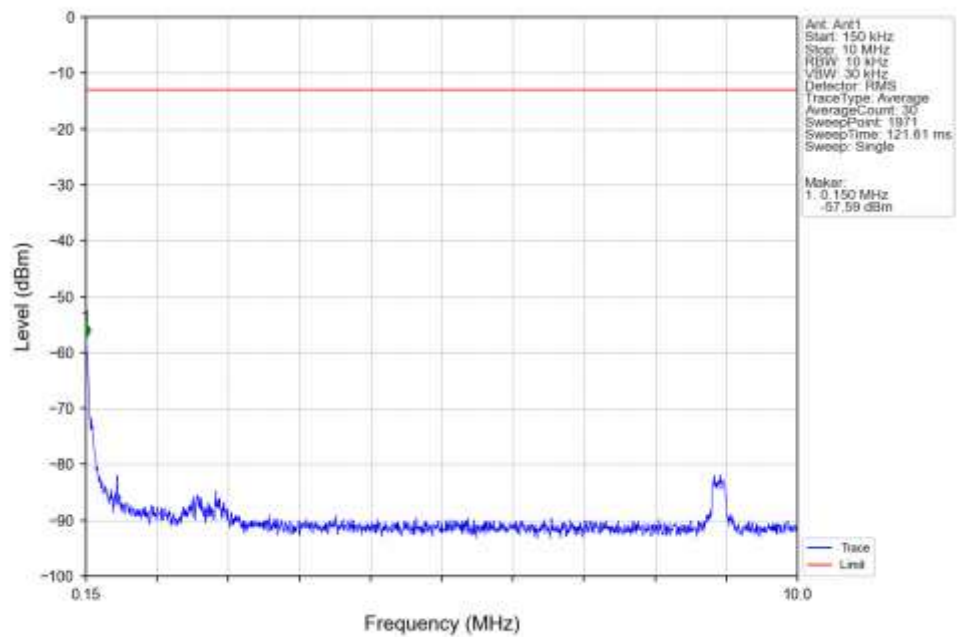
Band71 20MHz QPSK MCH 683MHz RB 1 0 NTNV



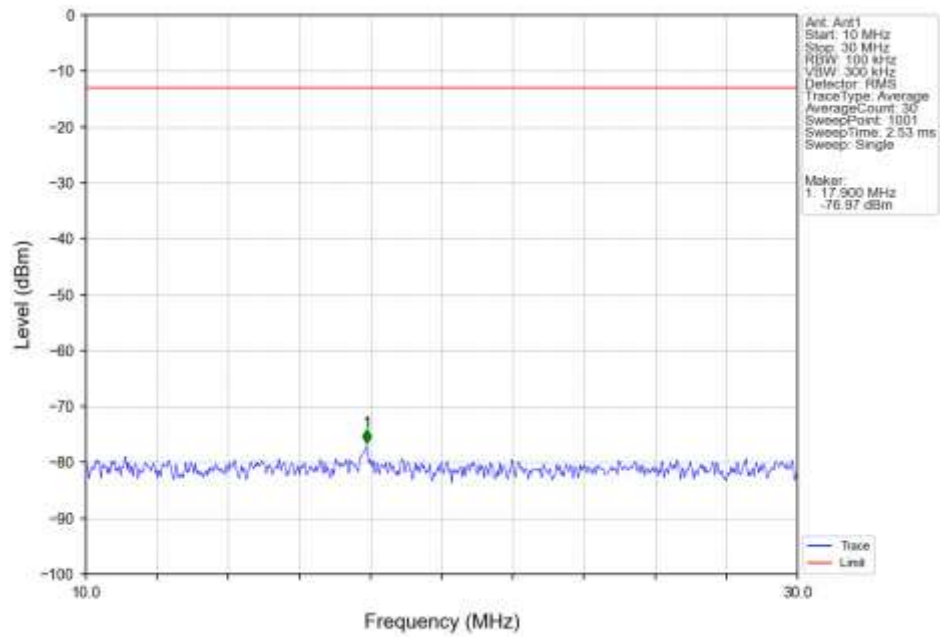
Band71 20MHz QPSK HCH 688MHz RB 1 0 NTNV



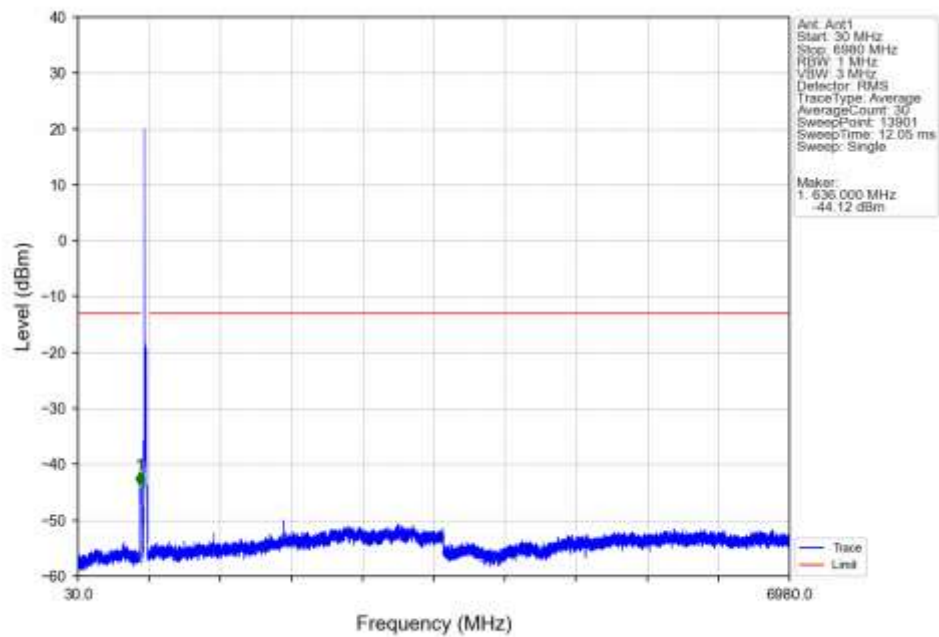
Band71 20MHz QPSK HCH 688MHz RB 1 0 NTNV



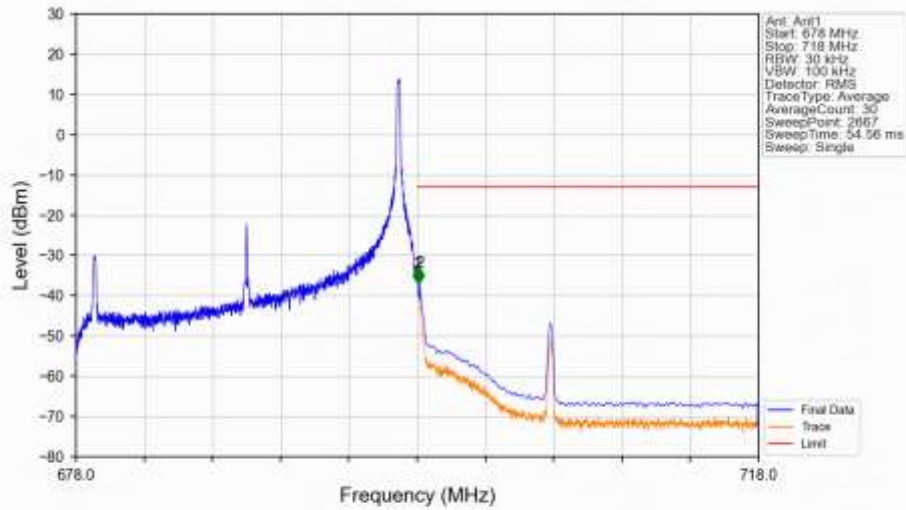
Band71 20MHz QPSK HCH 688MHz RB 1 0 NTNV



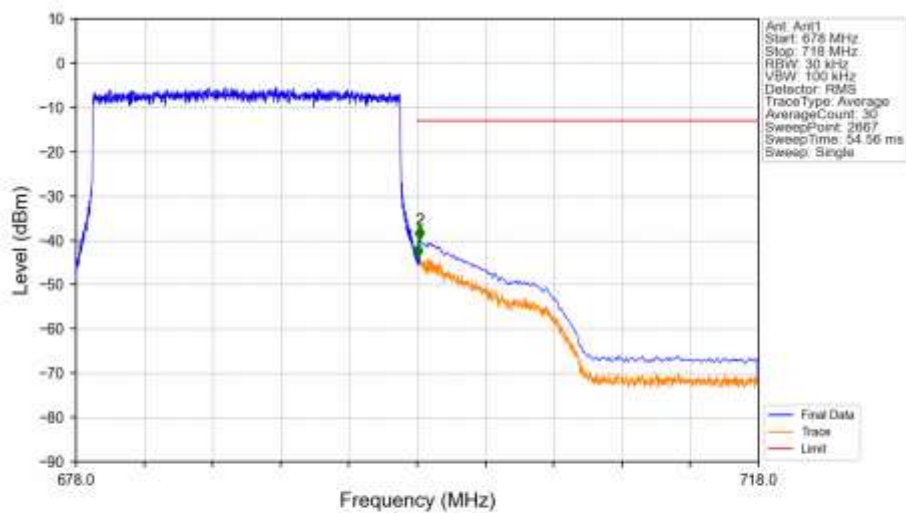
Band71 20MHz QPSK HCH 688MHz RB 1 0 NTNV



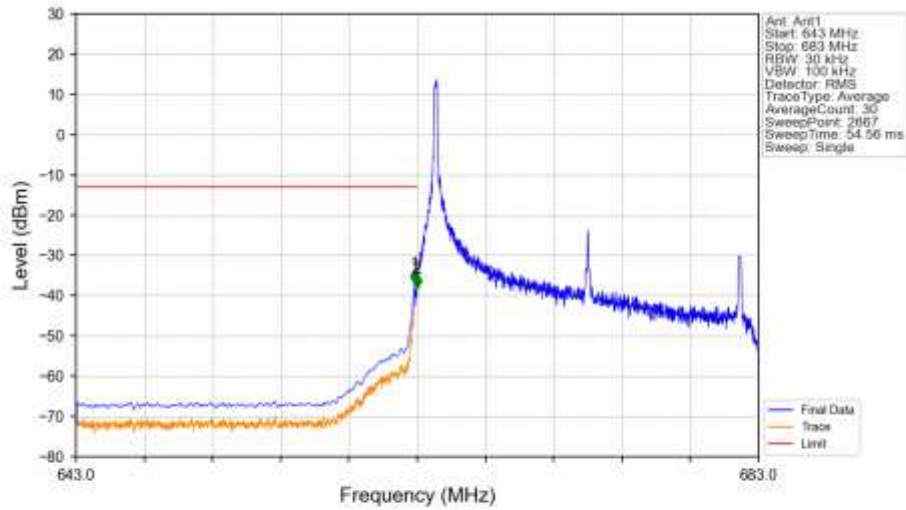
Band71 20MHz QPSK HCH 688MHz RB 1 99 NTNV



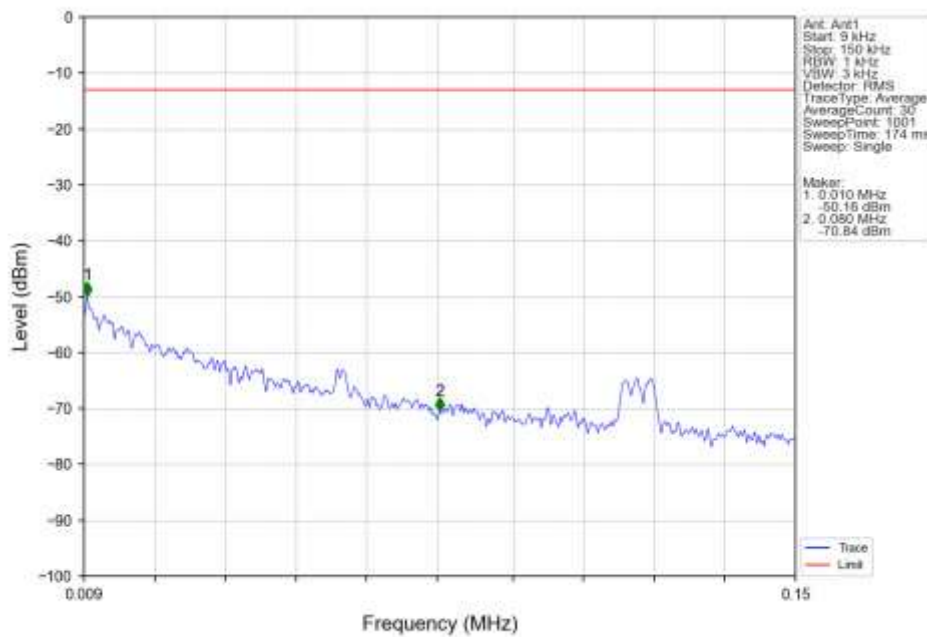
Band71 20MHz QPSK HCH 688MHz RB 100 0 NTNV



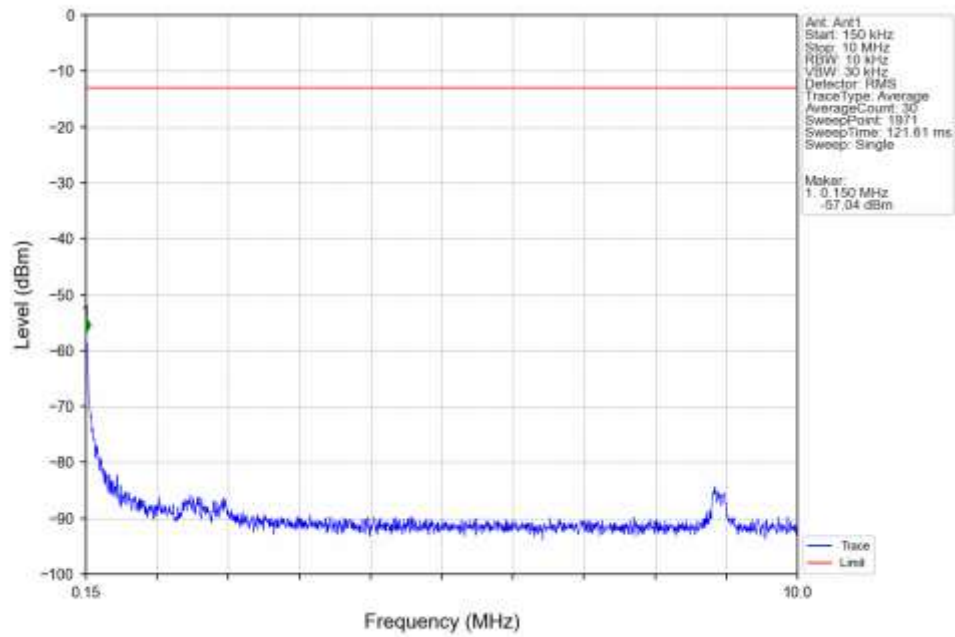
Band71 20MHz 16QAM LCH 673MHz RB 1 0 NTNV



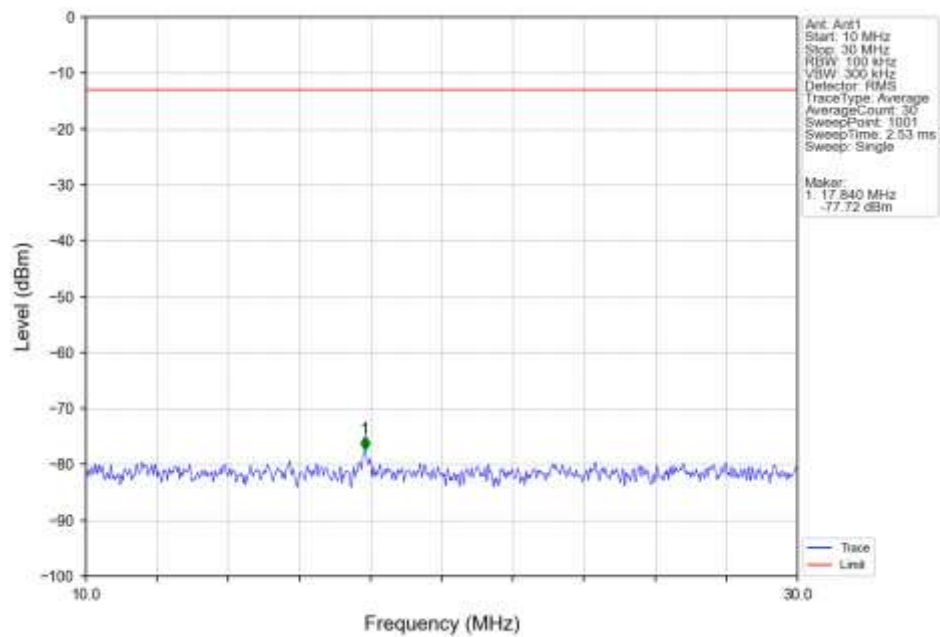
Band71 20MHz 16QAM LCH 673MHz RB 1 0 NTNV



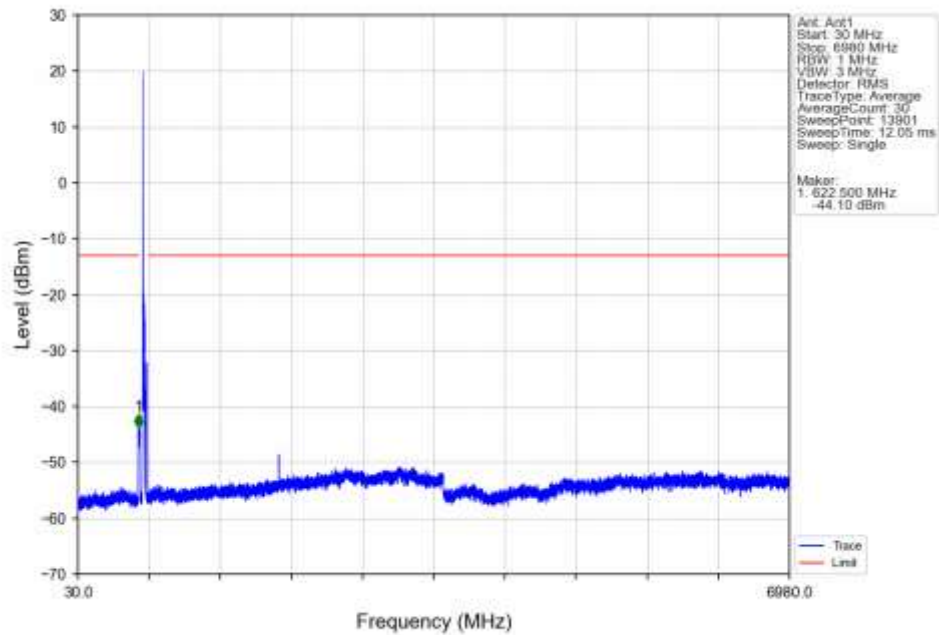
Band71 20MHz 16QAM LCH 673MHz RB 1 0 NTNV



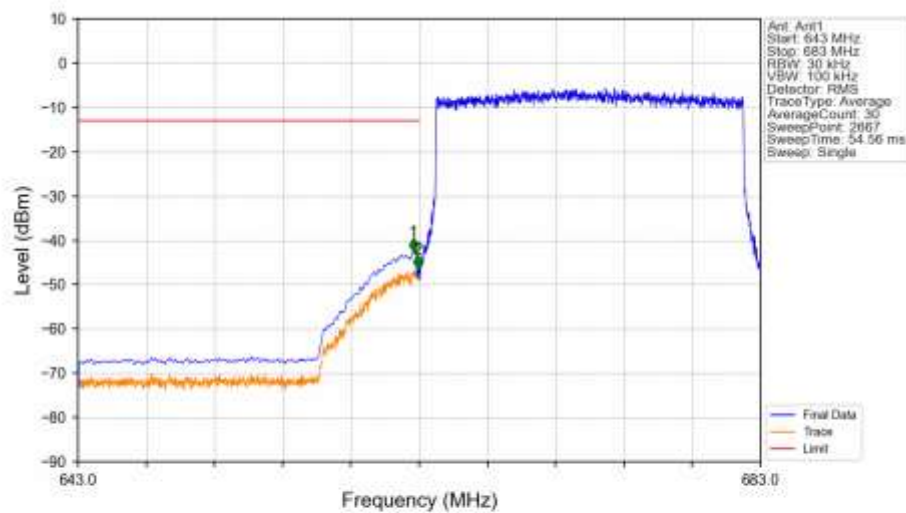
Band71 20MHz 16QAM LCH 673MHz RB 1 0 NTNV



Band71 20MHz 16QAM LCH 673MHz RB 1 0 NTNV

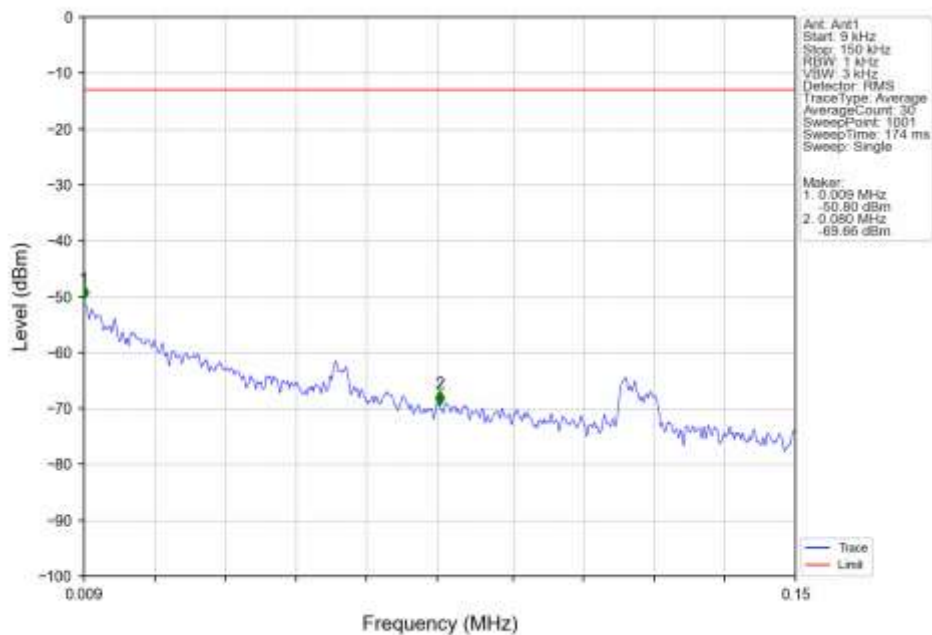


Band71 20MHz 16QAM LCH 673MHz RB 100 0 NTNV

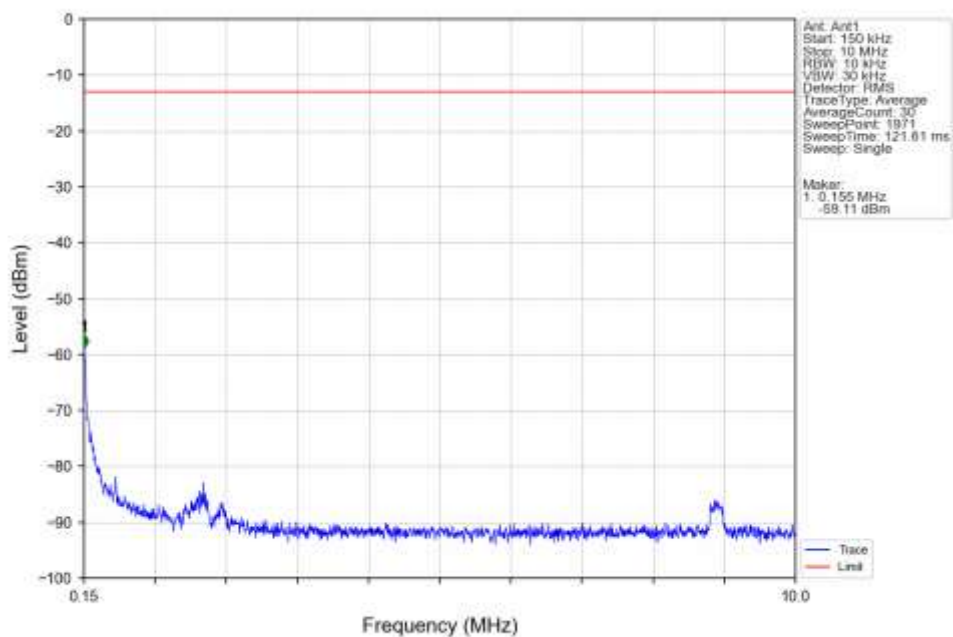


Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
643	662.9	0.1	CHP	1	662.670	-42.53	-13	Pass
662.9	663	0.03	/	2	662.910	-46.42	-13	Pass
663	683	0.03	/	/	/	/	/	/

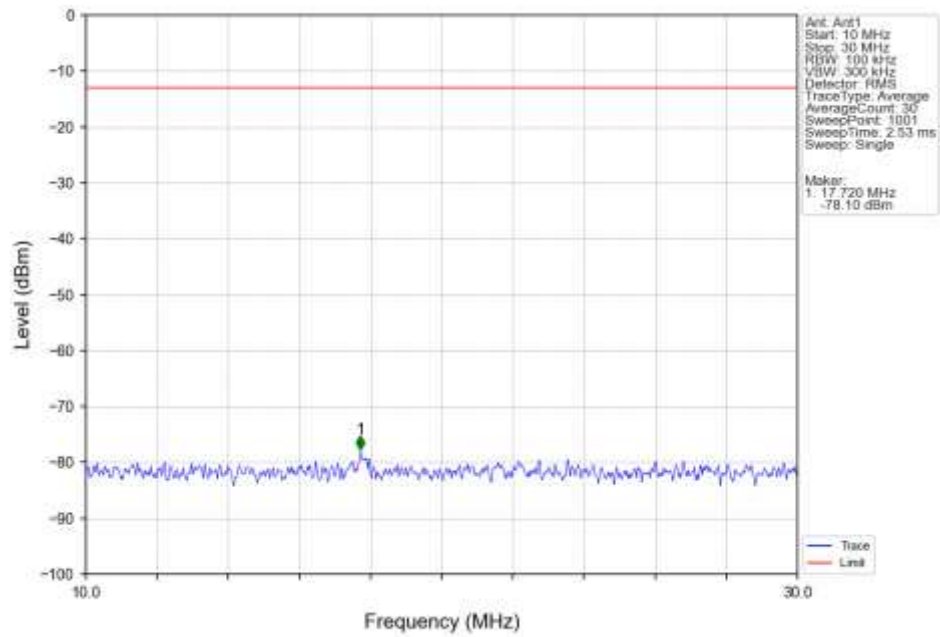
Band71 20MHz 16QAM MCH 683MHz RB 1 0 NTNV



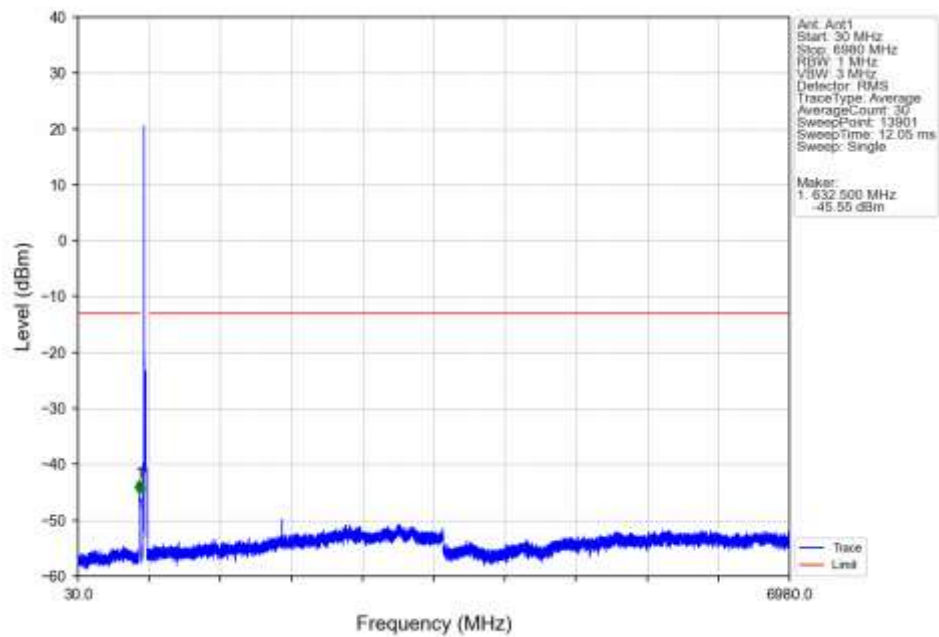
Band71 20MHz 16QAM MCH 683MHz RB 1 0 NTNV



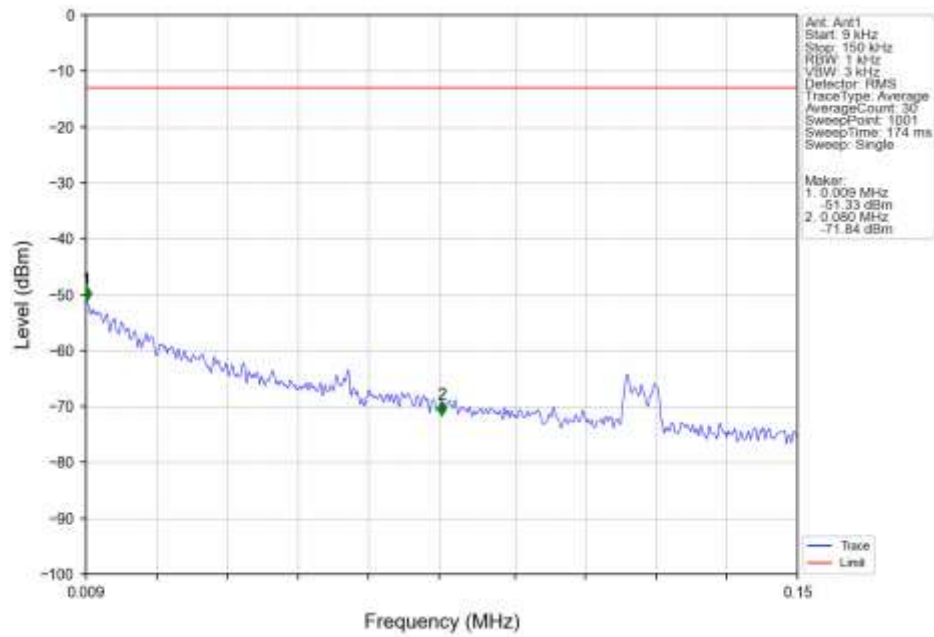
Band71 20MHz 16QAM MCH 683MHz RB 1 0 NTNV



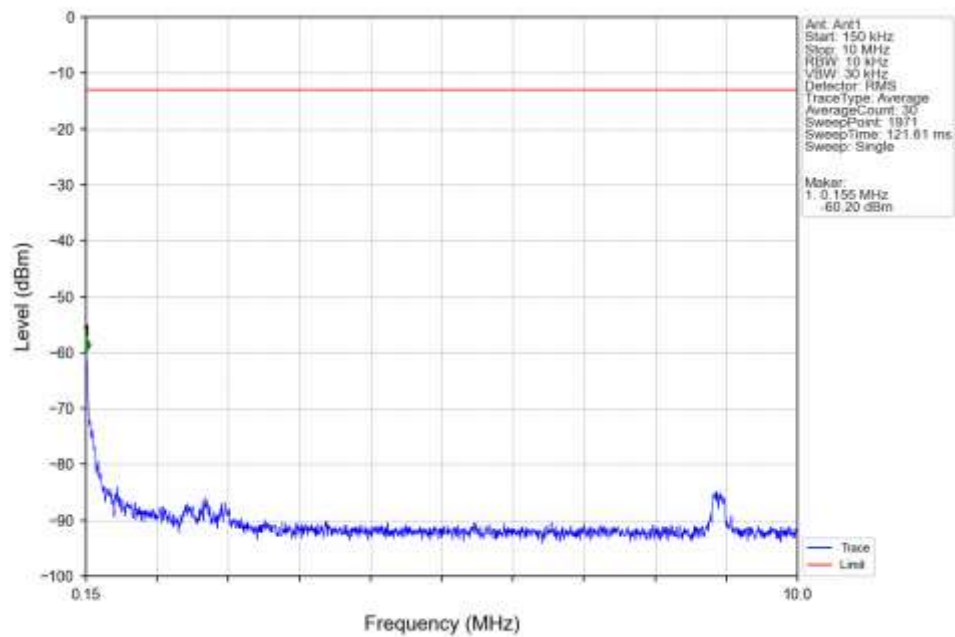
Band71 20MHz 16QAM MCH 683MHz RB 1 0 NTNV



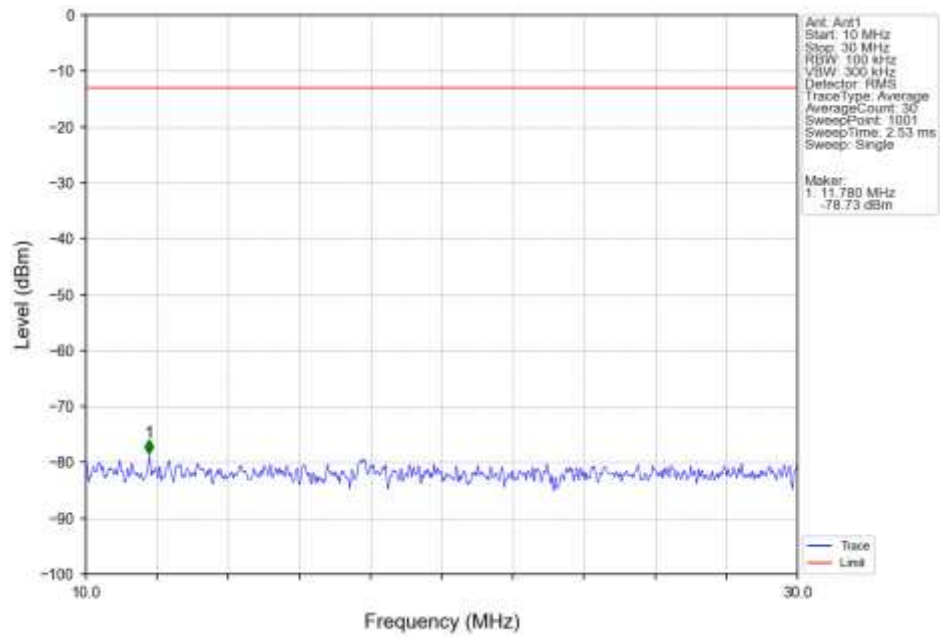
Band71 20MHz 16QAM HCH 688MHz RB 1 0 NTN



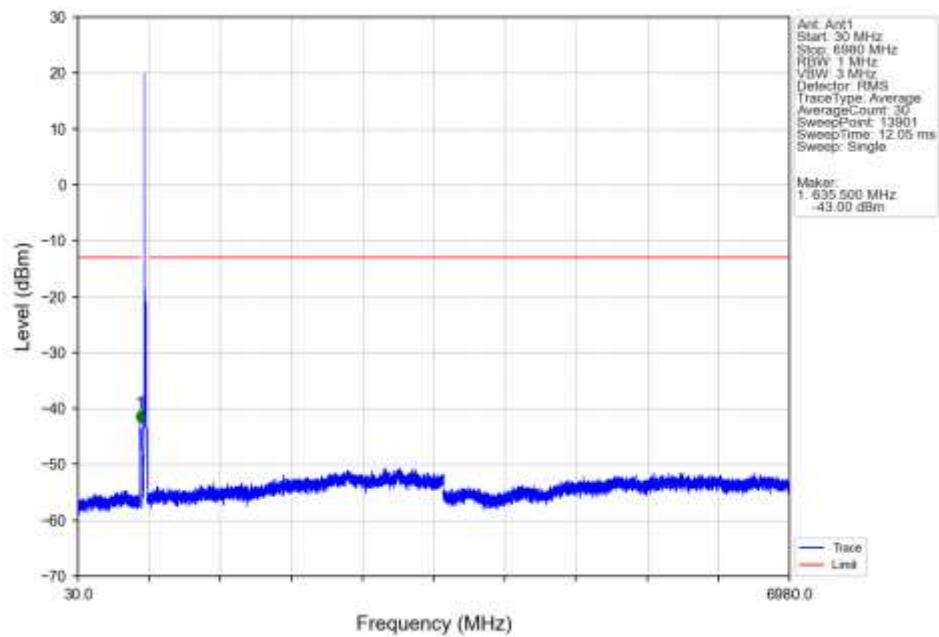
Band71 20MHz 16QAM HCH 688MHz RB 1 0 NTN



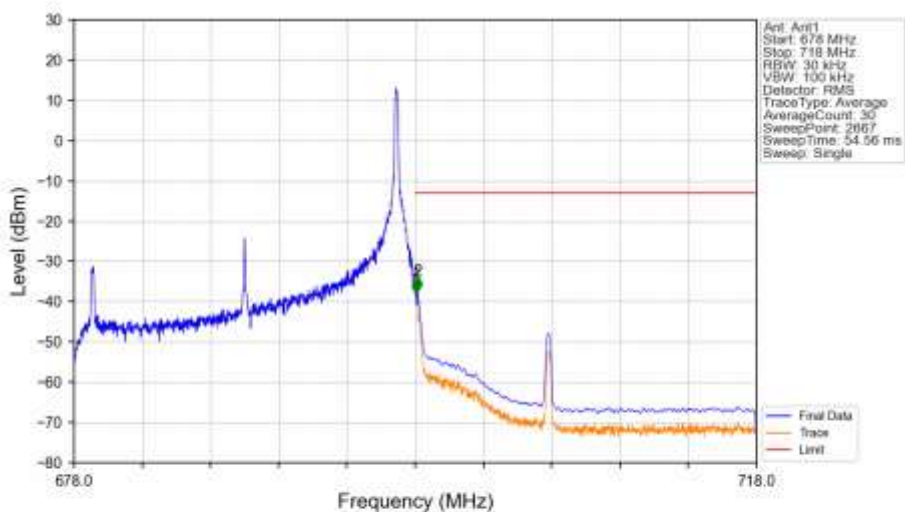
Band71 20MHz 16QAM HCH 688MHz RB 1 0 NTNV



Band71 20MHz 16QAM HCH 688MHz RB 1 0 NTNV

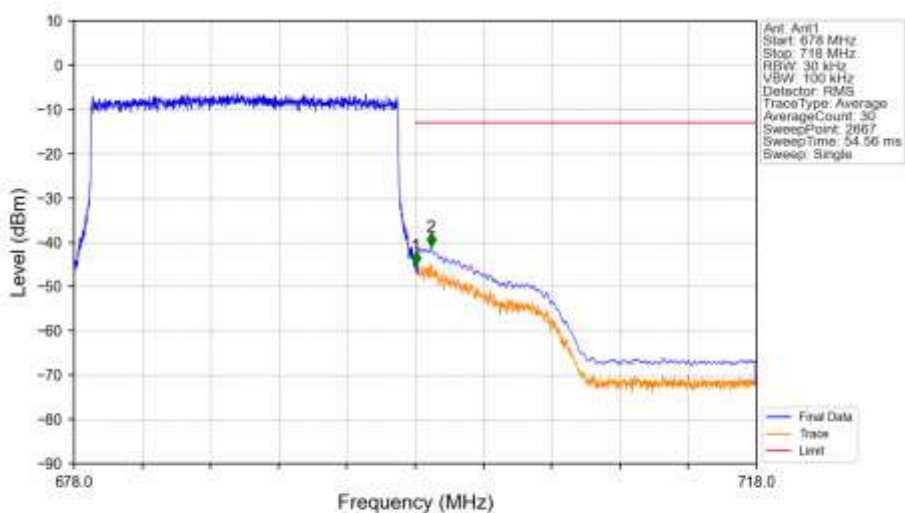


Band71 20MHz 16QAM HCH 688MHz RB 1 99 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
696	698.1	0.03	/	1	696.045	-37.89	-13	Pass
698.1	718	0.1	CHP	2	698.150	-37.31	-13	Pass

Band71 20MHz 16QAM HCH 688MHz RB 100 0 NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
678	698	0.03	/	/	/	/	/	/
696	698.1	0.03	/	1	696.030	-45.18	-13	Pass
698.1	718	0.1	CHP	2	698.930	-40.92	-13	Pass

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)
71	5	665.5	695.5	0.1422	0.0021	ppm	4M55G7D	27N	21.53
71	5	665.5	695.5	0.1227	0.0023	ppm	4M57W7D	27N	20.89
71	10	668	693	0.1306	0.0019	ppm	9M05G7D	27N	21.16
71	10	668	693	0.1349	0.0020	ppm	9M09W7D	27N	21.30
71	15	670.5	690.5	0.1413	0.0018	ppm	13M6G7D	27N	21.50
71	15	670.5	690.5	0.1202	0.0020	ppm	13M6W7D	27N	20.80
71	20	673	688	0.1169	0.0014	ppm	18M1G7D	27N	20.68
71	20	673	688	0.1213	0.0017	ppm	18M1W7D	27N	20.84

7.1.2 Form731_ERP

Band	BW	Lower Freq	High Freq	MAX Power (W)	Value	Hz/ppm	Emission Designator	Rule Parts	MAX Power (dBm)
71	5	665.5	695.5	0.0760	0.0021	ppm	4M55G7D	27N	18.81
71	5	665.5	695.5	0.0656	0.0023	ppm	4M57W7D	27N	18.17
71	10	668	693	0.0698	0.0019	ppm	9M05G7D	27N	18.44
71	10	668	693	0.0721	0.0020	ppm	9M09W7D	27N	18.58
71	15	670.5	690.5	0.0755	0.0018	ppm	13M6G7D	27N	18.78
71	15	670.5	690.5	0.0643	0.0020	ppm	13M6W7D	27N	18.08
71	20	673	688	0.0625	0.0014	ppm	18M1G7D	27N	17.96
71	20	673	688	0.0649	0.0017	ppm	18M1W7D	27N	18.12