

1. Effective (Isotropic) Radiated Power Output Data

1.1 Test Result

1.1.1 B7_5MHz_EIRP

Band: 7 / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2502.5	1	0	23.76	4.00	27.76	<=33.01	Pass
			13	23.81	4.00	27.81	<=33.01	Pass
			24	23.75	4.00	27.75	<=33.01	Pass
		12	0	22.78	4.00	26.78	<=33.01	Pass
			6	22.82	4.00	26.82	<=33.01	Pass
			13	22.78	4.00	26.78	<=33.01	Pass
		25	0	22.75	4.00	26.75	<=33.01	Pass
	2535	1	0	23.68	4.00	27.68	<=33.01	Pass
			13	23.79	4.00	27.79	<=33.01	Pass
			24	23.73	4.00	27.73	<=33.01	Pass
		12	0	22.70	4.00	26.70	<=33.01	Pass
			6	22.75	4.00	26.75	<=33.01	Pass
			13	22.76	4.00	26.76	<=33.01	Pass
	25	0	22.78	4.00	26.78	<=33.01	Pass	
	2567.5	1	0	23.52	4.00	27.52	<=33.01	Pass
			13	23.64	4.00	27.64	<=33.01	Pass
			24	23.56	4.00	27.56	<=33.01	Pass
		12	0	22.56	4.00	26.56	<=33.01	Pass
			6	22.62	4.00	26.62	<=33.01	Pass
			13	22.63	4.00	26.63	<=33.01	Pass
		25	0	22.57	4.00	26.57	<=33.01	Pass
16QAM		2502.5	1	0	23.08	4.00	27.08	<=33.01
	13			23.18	4.00	27.18	<=33.01	Pass
	24			23.11	4.00	27.11	<=33.01	Pass
	12		0	22.24	4.00	26.24	<=33.01	Pass
			6	22.27	4.00	26.27	<=33.01	Pass
			13	22.28	4.00	26.28	<=33.01	Pass
	25		0	22.26	4.00	26.26	<=33.01	Pass
	2535	1	0	23.47	4.00	27.47	<=33.01	Pass
			13	23.55	4.00	27.55	<=33.01	Pass
			24	23.48	4.00	27.48	<=33.01	Pass
		12	0	22.28	4.00	26.28	<=33.01	Pass
			6	22.31	4.00	26.31	<=33.01	Pass
			13	22.32	4.00	26.32	<=33.01	Pass
	25	0	22.22	4.00	26.22	<=33.01	Pass	
	2567.5	1	0	23.12	4.00	27.12	<=33.01	Pass
			13	23.17	4.00	27.17	<=33.01	Pass
			24	23.13	4.00	27.13	<=33.01	Pass
		12	0	22.06	4.00	26.06	<=33.01	Pass
			6	22.07	4.00	26.07	<=33.01	Pass
			13	22.08	4.00	26.08	<=33.01	Pass
		25	0	22.11	4.00	26.11	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.2 B7_10MHz_EIRP

Band: 7 / Bandwidth: 10MHz / NTV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2505	1	0	23.82	4.00	27.82	<=33.01	Pass
			25	23.71	4.00	27.71	<=33.01	Pass
			49	23.71	4.00	27.71	<=33.01	Pass
		25	0	22.74	4.00	26.74	<=33.01	Pass
			13	22.81	4.00	26.81	<=33.01	Pass
			25	22.75	4.00	26.75	<=33.01	Pass
		50	0	22.73	4.00	26.73	<=33.01	Pass
	2535	1	0	23.67	4.00	27.67	<=33.01	Pass
			25	23.72	4.00	27.72	<=33.01	Pass
			49	23.72	4.00	27.72	<=33.01	Pass
		25	0	22.72	4.00	26.72	<=33.01	Pass
			13	22.70	4.00	26.70	<=33.01	Pass
			25	22.75	4.00	26.75	<=33.01	Pass
		50	0	22.76	4.00	26.76	<=33.01	Pass
	2565	1	0	23.66	4.00	27.66	<=33.01	Pass
			25	23.52	4.00	27.52	<=33.01	Pass
			49	23.64	4.00	27.64	<=33.01	Pass
		25	0	22.73	4.00	26.73	<=33.01	Pass
			13	22.65	4.00	26.65	<=33.01	Pass
			25	22.66	4.00	26.66	<=33.01	Pass
		50	0	22.70	4.00	26.70	<=33.01	Pass
16QAM	2505	1	0	23.25	4.00	27.25	<=33.01	Pass
			25	23.39	4.00	27.39	<=33.01	Pass
			49	23.18	4.00	27.18	<=33.01	Pass
		25	0	21.84	4.00	25.84	<=33.01	Pass
			13	22.09	4.00	26.09	<=33.01	Pass
			25	21.74	4.00	25.74	<=33.01	Pass
		50	0	21.78	4.00	25.78	<=33.01	Pass
	2535	1	0	23.25	4.00	27.25	<=33.01	Pass
			25	22.93	4.00	26.93	<=33.01	Pass
			49	22.92	4.00	26.92	<=33.01	Pass
		25	0	21.94	4.00	25.94	<=33.01	Pass
			13	22.14	4.00	26.14	<=33.01	Pass
			25	22.11	4.00	26.11	<=33.01	Pass
		50	0	22.15	4.00	26.15	<=33.01	Pass
	2565	1	0	22.92	4.00	26.92	<=33.01	Pass
			25	22.66	4.00	26.66	<=33.01	Pass
			49	22.83	4.00	26.83	<=33.01	Pass
		25	0	22.17	4.00	26.17	<=33.01	Pass
			13	21.79	4.00	25.79	<=33.01	Pass
			25	22.02	4.00	26.02	<=33.01	Pass
		50	0	22.03	4.00	26.03	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.3 B7_15MHz_EIRP

Band: 7 / Bandwidth: 15MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2507.5	1	0	23.81	4.00	27.81	<=33.01	Pass
			38	23.77	4.00	27.77	<=33.01	Pass
			74	23.70	4.00	27.70	<=33.01	Pass

		36	0	22.87	4.00	26.87	<=33.01	Pass
			18	22.81	4.00	26.81	<=33.01	Pass
			39	22.73	4.00	26.73	<=33.01	Pass
		75	0	22.76	4.00	26.76	<=33.01	Pass
	2535	1	0	23.68	4.00	27.68	<=33.01	Pass
			38	23.66	4.00	27.66	<=33.01	Pass
			74	23.71	4.00	27.71	<=33.01	Pass
		36	0	22.81	4.00	26.81	<=33.01	Pass
			18	22.79	4.00	26.79	<=33.01	Pass
			39	22.89	4.00	26.89	<=33.01	Pass
		75	0	22.77	4.00	26.77	<=33.01	Pass
		2562.5	1	0	23.61	4.00	27.61	<=33.01
	38			23.54	4.00	27.54	<=33.01	Pass
	74			23.57	4.00	27.57	<=33.01	Pass
	36		0	22.74	4.00	26.74	<=33.01	Pass
			18	22.73	4.00	26.73	<=33.01	Pass
			39	22.66	4.00	26.66	<=33.01	Pass
	75		0	22.70	4.00	26.70	<=33.01	Pass
16QAM	2507.5	1	0	23.27	4.00	27.27	<=33.01	Pass
			38	23.24	4.00	27.24	<=33.01	Pass
			74	23.27	4.00	27.27	<=33.01	Pass
		36	0	22.13	4.00	26.13	<=33.01	Pass
			18	21.75	4.00	25.75	<=33.01	Pass
			39	21.70	4.00	25.70	<=33.01	Pass
		75	0	21.96	4.00	25.96	<=33.01	Pass
	2535	1	0	23.22	4.00	27.22	<=33.01	Pass
			38	23.25	4.00	27.25	<=33.01	Pass
			74	23.27	4.00	27.27	<=33.01	Pass
		36	0	21.94	4.00	25.94	<=33.01	Pass
			18	22.07	4.00	26.07	<=33.01	Pass
			39	22.16	4.00	26.16	<=33.01	Pass
	75	0	21.77	4.00	25.77	<=33.01	Pass	
	2562.5	1	0	23.15	4.00	27.15	<=33.01	Pass
			38	22.66	4.00	26.66	<=33.01	Pass
			74	22.93	4.00	26.93	<=33.01	Pass
		36	0	21.97	4.00	25.97	<=33.01	Pass
			18	21.79	4.00	25.79	<=33.01	Pass
			39	21.62	4.00	25.62	<=33.01	Pass
		75	0	21.95	4.00	25.95	<=33.01	Pass
Note1: EIRP=Conducted Power+Antenna Gain								

1.1.4 B7_20MHz_EIRP

Band: 7 / Bandwidth: 20MHz / NTN								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	EIRP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	2510	1	0	23.78	4.00	27.78	<=33.01	Pass
			50	23.72	4.00	27.72	<=33.01	Pass
			99	23.66	4.00	27.66	<=33.01	Pass
		50	0	22.69	4.00	26.69	<=33.01	Pass
			25	22.80	4.00	26.80	<=33.01	Pass
			50	22.68	4.00	26.68	<=33.01	Pass
		100	0	22.67	4.00	26.67	<=33.01	Pass
	2535	1	0	23.80	4.00	27.80	<=33.01	Pass
			50	23.72	4.00	27.72	<=33.01	Pass

		50	99	23.69	4.00	27.69	<=33.01	Pass	
			0	22.77	4.00	26.77	<=33.01	Pass	
			25	22.83	4.00	26.83	<=33.01	Pass	
			50	22.74	4.00	26.74	<=33.01	Pass	
	100	0	22.79	4.00	26.79	<=33.01	Pass		
	2560	1	0	23.56	4.00	27.56	<=33.01	Pass	
			50	23.53	4.00	27.53	<=33.01	Pass	
			99	23.44	4.00	27.44	<=33.01	Pass	
		50	0	22.70	4.00	26.70	<=33.01	Pass	
			25	22.74	4.00	26.74	<=33.01	Pass	
			50	22.72	4.00	26.72	<=33.01	Pass	
		100	0	22.61	4.00	26.61	<=33.01	Pass	
		16QAM	2510	1	0	23.26	4.00	27.26	<=33.01
	50				23.22	4.00	27.22	<=33.01	Pass
	99				23.13	4.00	27.13	<=33.01	Pass
	50			0	22.02	4.00	26.02	<=33.01	Pass
25				21.99	4.00	25.99	<=33.01	Pass	
50				21.66	4.00	25.66	<=33.01	Pass	
100	0		21.66	4.00	25.66	<=33.01	Pass		
2535	1		0	23.18	4.00	27.18	<=33.01	Pass	
			50	23.07	4.00	27.07	<=33.01	Pass	
			99	23.07	4.00	27.07	<=33.01	Pass	
	50		0	21.84	4.00	25.84	<=33.01	Pass	
			25	21.82	4.00	25.82	<=33.01	Pass	
			50	21.88	4.00	25.88	<=33.01	Pass	
100	0		22.01	4.00	26.01	<=33.01	Pass		
2560	1		0	23.46	4.00	27.46	<=33.01	Pass	
			50	23.13	4.00	27.13	<=33.01	Pass	
		99	23.08	4.00	27.08	<=33.01	Pass		
	50	0	21.90	4.00	25.90	<=33.01	Pass		
		25	21.67	4.00	25.67	<=33.01	Pass		
		50	22.05	4.00	26.05	<=33.01	Pass		
100	0	21.81	4.00	25.81	<=33.01	Pass			
Note1: EIRP=Conducted Power+Antenna Gain									

2. Frequency Stability

2.1 Test Result

2.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2502.5	25	0	20	3.27	-1.581	-0.0006	-2.5 to 2.5	Pass
					3.85	-7.077	-0.0028	-2.5 to 2.5	Pass
					4.43	-3.782	-0.0015	-2.5 to 2.5	Pass
				-30	3.85	2.727	0.0011	-2.5 to 2.5	Pass
				-20	3.85	-9.817	-0.0039	-2.5 to 2.5	Pass
				-10	3.85	2.924	0.0012	-2.5 to 2.5	Pass
				0	3.85	-0.830	-0.0003	-2.5 to 2.5	Pass
				10	3.85	-2.737	-0.0011	-2.5 to 2.5	Pass
				30	3.85	1.112	0.0004	-2.5 to 2.5	Pass
				40	3.85	-5.416	-0.0022	-2.5 to 2.5	Pass

				50	3.85	-1.110	-0.0004	-2.5 to 2.5	Pass
	2535	25	0	20	3.27	1.959	0.0008	-2.5 to 2.5	Pass
					3.85	-4.486	-0.0018	-2.5 to 2.5	Pass
					4.43	-6.145	-0.0024	-2.5 to 2.5	Pass
					-30	3.85	3.018	0.0012	-2.5 to 2.5
				-20	3.85	-4.727	-0.0019	-2.5 to 2.5	Pass
				-10	3.85	-7.175	-0.0028	-2.5 to 2.5	Pass
				0	3.85	7.745	0.0031	-2.5 to 2.5	Pass
				10	3.85	-2.070	-0.0008	-2.5 to 2.5	Pass
				30	3.85	5.145	0.0020	-2.5 to 2.5	Pass
				40	3.85	-2.109	-0.0008	-2.5 to 2.5	Pass
	50	3.85	0.399	0.0002	-2.5 to 2.5	Pass			
	2567.5	25	0	20	3.27	-5.458	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.695	-0.0014	-2.5 to 2.5	Pass
					4.43	-5.314	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	-4.736	-0.0018	-2.5 to 2.5	Pass
				-20	3.85	-7.468	-0.0029	-2.5 to 2.5	Pass
				-10	3.85	0.433	0.0002	-2.5 to 2.5	Pass
				0	3.85	6.899	0.0027	-2.5 to 2.5	Pass
				10	3.85	-1.771	-0.0007	-2.5 to 2.5	Pass
30				3.85	1.338	0.0005	-2.5 to 2.5	Pass	
40				3.85	-1.364	-0.0005	-2.5 to 2.5	Pass	
50	3.85	-5.146	-0.0020	-2.5 to 2.5	Pass				
16QAM	2502.5	25	0	20	3.27	0.190	0.0001	-2.5 to 2.5	Pass
					3.85	-0.793	-0.0003	-2.5 to 2.5	Pass
					4.43	-5.625	-0.0022	-2.5 to 2.5	Pass
				-30	3.85	-3.353	-0.0013	-2.5 to 2.5	Pass
				-20	3.85	-9.912	-0.0040	-2.5 to 2.5	Pass
				-10	3.85	-4.432	-0.0018	-2.5 to 2.5	Pass
				0	3.85	3.197	0.0013	-2.5 to 2.5	Pass
				10	3.85	-0.040	0.0000	-2.5 to 2.5	Pass
				30	3.85	1.847	0.0007	-2.5 to 2.5	Pass
				40	3.85	-6.224	-0.0025	-2.5 to 2.5	Pass
	50	3.85	-1.911	-0.0008	-2.5 to 2.5	Pass			
	2535	25	0	20	3.27	3.608	0.0014	-2.5 to 2.5	Pass
					3.85	-1.572	-0.0006	-2.5 to 2.5	Pass
					4.43	3.539	0.0014	-2.5 to 2.5	Pass
				-30	3.85	4.319	0.0017	-2.5 to 2.5	Pass
				-20	3.85	6.565	0.0026	-2.5 to 2.5	Pass
				-10	3.85	-2.594	-0.0010	-2.5 to 2.5	Pass
				0	3.85	-2.678	-0.0011	-2.5 to 2.5	Pass
				10	3.85	-2.869	-0.0011	-2.5 to 2.5	Pass
				30	3.85	-6.077	-0.0024	-2.5 to 2.5	Pass
				40	3.85	-1.036	-0.0004	-2.5 to 2.5	Pass
	50	3.85	1.746	0.0007	-2.5 to 2.5	Pass			
	2567.5	25	0	20	3.27	2.910	0.0011	-2.5 to 2.5	Pass
					3.85	-2.262	-0.0009	-2.5 to 2.5	Pass
					4.43	4.343	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-5.201	-0.0020	-2.5 to 2.5	Pass
				-20	3.85	-4.059	-0.0016	-2.5 to 2.5	Pass
				-10	3.85	5.327	0.0021	-2.5 to 2.5	Pass
				0	3.85	-3.829	-0.0015	-2.5 to 2.5	Pass
				10	3.85	2.893	0.0011	-2.5 to 2.5	Pass
				30	3.85	4.893	0.0019	-2.5 to 2.5	Pass
				40	3.85	-2.521	-0.0010	-2.5 to 2.5	Pass
	50	3.85	6.463	0.0025	-2.5 to 2.5	Pass			

2.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2505	50	0	20	3.27	-2.917	-0.0012	-2.5 to 2.5	Pass
					3.85	4.411	0.0018	-2.5 to 2.5	Pass
					4.43	-3.221	-0.0013	-2.5 to 2.5	Pass
				-30	3.85	0.562	0.0002	-2.5 to 2.5	Pass
				-20	3.85	-3.143	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	-2.502	-0.0010	-2.5 to 2.5	Pass
				0	3.85	2.708	0.0011	-2.5 to 2.5	Pass
				10	3.85	-3.773	-0.0015	-2.5 to 2.5	Pass
				30	3.85	0.787	0.0003	-2.5 to 2.5	Pass
				40	3.85	-1.220	-0.0005	-2.5 to 2.5	Pass
				50	3.85	-1.861	-0.0007	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	16.016	0.0063	-2.5 to 2.5	Pass
					3.85	2.339	0.0009	-2.5 to 2.5	Pass
					4.43	4.186	0.0017	-2.5 to 2.5	Pass
				-30	3.85	-0.676	-0.0003	-2.5 to 2.5	Pass
				-20	3.85	-0.542	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	-1.412	-0.0006	-2.5 to 2.5	Pass
				0	3.85	3.510	0.0014	-2.5 to 2.5	Pass
				10	3.85	-0.181	-0.0001	-2.5 to 2.5	Pass
				30	3.85	2.755	0.0011	-2.5 to 2.5	Pass
				40	3.85	5.730	0.0023	-2.5 to 2.5	Pass
				50	3.85	2.629	0.0010	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	0.333	0.0001	-2.5 to 2.5	Pass
					3.85	-3.130	-0.0012	-2.5 to 2.5	Pass
					4.43	6.957	0.0027	-2.5 to 2.5	Pass
				-30	3.85	7.303	0.0028	-2.5 to 2.5	Pass
				-20	3.85	4.437	0.0017	-2.5 to 2.5	Pass
				-10	3.85	-0.579	-0.0002	-2.5 to 2.5	Pass
				0	3.85	5.318	0.0021	-2.5 to 2.5	Pass
				10	3.85	7.681	0.0030	-2.5 to 2.5	Pass
				30	3.85	5.093	0.0020	-2.5 to 2.5	Pass
				40	3.85	-3.741	-0.0015	-2.5 to 2.5	Pass
16QAM	2505	50	0	20	3.27	-3.508	-0.0014	-2.5 to 2.5	Pass
					3.85	8.050	0.0032	-2.5 to 2.5	Pass
					4.43	-4.861	-0.0019	-2.5 to 2.5	Pass
				-30	3.85	-4.158	-0.0017	-2.5 to 2.5	Pass
				-20	3.85	-3.595	-0.0014	-2.5 to 2.5	Pass
				-10	3.85	-2.315	-0.0009	-2.5 to 2.5	Pass
				0	3.85	4.777	0.0019	-2.5 to 2.5	Pass
				10	3.85	5.282	0.0021	-2.5 to 2.5	Pass
				30	3.85	6.981	0.0028	-2.5 to 2.5	Pass
				40	3.85	-3.285	-0.0013	-2.5 to 2.5	Pass
				50	3.85	-1.845	-0.0007	-2.5 to 2.5	Pass
	2535	50	0	20	3.27	8.187	0.0032	-2.5 to 2.5	Pass
					3.85	5.040	0.0020	-2.5 to 2.5	Pass
					4.43	0.074	0.0000	-2.5 to 2.5	Pass
				-30	3.85	7.195	0.0028	-2.5 to 2.5	Pass
				-20	3.85	-4.593	-0.0018	-2.5 to 2.5	Pass
				-10	3.85	2.921	0.0012	-2.5 to 2.5	Pass
				0	3.85	-1.263	-0.0005	-2.5 to 2.5	Pass

				10	3.85	-3.108	-0.0012	-2.5 to 2.5	Pass
				30	3.85	-5.167	-0.0020	-2.5 to 2.5	Pass
				40	3.85	3.413	0.0013	-2.5 to 2.5	Pass
				50	3.85	0.876	0.0003	-2.5 to 2.5	Pass
	2565	50	0	20	3.27	6.909	0.0027	-2.5 to 2.5	Pass
					3.85	3.307	0.0013	-2.5 to 2.5	Pass
					4.43	-2.747	-0.0011	-2.5 to 2.5	Pass
				-30	3.85	-0.241	-0.0001	-2.5 to 2.5	Pass
				-20	3.85	8.564	0.0033	-2.5 to 2.5	Pass
				-10	3.85	-3.736	-0.0015	-2.5 to 2.5	Pass
				0	3.85	-4.612	-0.0018	-2.5 to 2.5	Pass
				10	3.85	0.856	0.0003	-2.5 to 2.5	Pass
				30	3.85	7.219	0.0028	-2.5 to 2.5	Pass
				40	3.85	0.033	0.0000	-2.5 to 2.5	Pass
				50	3.85	-4.669	-0.0018	-2.5 to 2.5	Pass

2.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2507.5	75	0	20	3.27	12.057	0.0048	-2.5 to 2.5	Pass
					3.85	3.251	0.0013	-2.5 to 2.5	Pass
					4.43	1.672	0.0007	-2.5 to 2.5	Pass
				-30	3.85	6.053	0.0024	-2.5 to 2.5	Pass
				-20	3.85	-0.382	-0.0002	-2.5 to 2.5	Pass
				-10	3.85	9.878	0.0039	-2.5 to 2.5	Pass
				0	3.85	10.408	0.0042	-2.5 to 2.5	Pass
				10	3.85	13.885	0.0055	-2.5 to 2.5	Pass
				30	3.85	9.359	0.0037	-2.5 to 2.5	Pass
				40	3.85	4.327	0.0017	-2.5 to 2.5	Pass
				50	3.85	2.622	0.0010	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	-0.445	-0.0002	-2.5 to 2.5	Pass
					3.85	6.371	0.0025	-2.5 to 2.5	Pass
					4.43	8.014	0.0032	-2.5 to 2.5	Pass
				-30	3.85	3.583	0.0014	-2.5 to 2.5	Pass
				-20	3.85	0.532	0.0002	-2.5 to 2.5	Pass
				-10	3.85	-0.067	0.0000	-2.5 to 2.5	Pass
				0	3.85	-9.104	-0.0036	-2.5 to 2.5	Pass
				10	3.85	6.965	0.0027	-2.5 to 2.5	Pass
				30	3.85	-3.459	-0.0014	-2.5 to 2.5	Pass
				40	3.85	-8.314	-0.0033	-2.5 to 2.5	Pass
				50	3.85	5.325	0.0021	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-7.043	-0.0027	-2.5 to 2.5	Pass
					3.85	-3.127	-0.0012	-2.5 to 2.5	Pass
					4.43	-3.534	-0.0014	-2.5 to 2.5	Pass
				-30	3.85	-2.754	-0.0011	-2.5 to 2.5	Pass
				-20	3.85	-6.738	-0.0026	-2.5 to 2.5	Pass
				-10	3.85	-6.629	-0.0026	-2.5 to 2.5	Pass
				0	3.85	-4.540	-0.0018	-2.5 to 2.5	Pass
				10	3.85	-10.500	-0.0041	-2.5 to 2.5	Pass
				30	3.85	-12.129	-0.0047	-2.5 to 2.5	Pass
				40	3.85	-6.211	-0.0024	-2.5 to 2.5	Pass
16QAM	2507.5	75	0	20	3.27	14.107	0.0056	-2.5 to 2.5	Pass

					3.85	2.071	0.0008	-2.5 to 2.5	Pass
					4.43	3.511	0.0014	-2.5 to 2.5	Pass
				-30	3.85	15.272	0.0061	-2.5 to 2.5	Pass
				-20	3.85	9.500	0.0038	-2.5 to 2.5	Pass
				-10	3.85	6.498	0.0026	-2.5 to 2.5	Pass
				0	3.85	13.912	0.0055	-2.5 to 2.5	Pass
				10	3.85	8.081	0.0032	-2.5 to 2.5	Pass
				30	3.85	9.322	0.0037	-2.5 to 2.5	Pass
				40	3.85	7.505	0.0030	-2.5 to 2.5	Pass
				50	3.85	3.567	0.0014	-2.5 to 2.5	Pass
	2535	75	0	20	3.27	3.729	0.0015	-2.5 to 2.5	Pass
					3.85	5.095	0.0020	-2.5 to 2.5	Pass
					4.43	-5.081	-0.0020	-2.5 to 2.5	Pass
				-30	3.85	-6.217	-0.0025	-2.5 to 2.5	Pass
				-20	3.85	0.960	0.0004	-2.5 to 2.5	Pass
				-10	3.85	3.288	0.0013	-2.5 to 2.5	Pass
				0	3.85	2.930	0.0012	-2.5 to 2.5	Pass
				10	3.85	-7.515	-0.0030	-2.5 to 2.5	Pass
				30	3.85	2.136	0.0008	-2.5 to 2.5	Pass
				40	3.85	2.935	0.0012	-2.5 to 2.5	Pass
				50	3.85	-6.612	-0.0026	-2.5 to 2.5	Pass
	2562.5	75	0	20	3.27	-1.599	-0.0006	-2.5 to 2.5	Pass
					3.85	-11.593	-0.0045	-2.5 to 2.5	Pass
					4.43	-1.524	-0.0006	-2.5 to 2.5	Pass
				-30	3.85	-7.413	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-9.574	-0.0037	-2.5 to 2.5	Pass
				-10	3.85	0.433	0.0002	-2.5 to 2.5	Pass
				0	3.85	-7.102	-0.0028	-2.5 to 2.5	Pass
				10	3.85	-6.760	-0.0026	-2.5 to 2.5	Pass
				30	3.85	0.144	0.0001	-2.5 to 2.5	Pass
				40	3.85	-9.142	-0.0036	-2.5 to 2.5	Pass
				50	3.85	-11.178	-0.0044	-2.5 to 2.5	Pass

2.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz									
Modulation	Frequency (MHz)	RB Allocation		Temp. (°C)	Voltage (VDC)	Freq. Error (Hz)	Freq. vs. Rated (ppm)		Verdict
		Size	Offset				Result	Limit	
QPSK	2510	100	0	20	3.27	-4.774	-0.0019	-2.5 to 2.5	Pass
					3.85	5.178	0.0021	-2.5 to 2.5	Pass
					4.43	-0.172	-0.0001	-2.5 to 2.5	Pass
				-30	3.85	6.757	0.0027	-2.5 to 2.5	Pass
				-20	3.85	6.107	0.0024	-2.5 to 2.5	Pass
				-10	3.85	-0.038	0.0000	-2.5 to 2.5	Pass
				0	3.85	-2.992	-0.0012	-2.5 to 2.5	Pass
				10	3.85	-6.426	-0.0026	-2.5 to 2.5	Pass
				30	3.85	-7.247	-0.0029	-2.5 to 2.5	Pass
				40	3.85	1.231	0.0005	-2.5 to 2.5	Pass
				50	3.85	-3.916	-0.0016	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	5.431	0.0021	-2.5 to 2.5	Pass
					3.85	8.021	0.0032	-2.5 to 2.5	Pass
					4.43	0.213	0.0001	-2.5 to 2.5	Pass
				-30	3.85	6.482	0.0026	-2.5 to 2.5	Pass
				-20	3.85	8.707	0.0034	-2.5 to 2.5	Pass
				-10	3.85	2.840	0.0011	-2.5 to 2.5	Pass

				0	3.85	6.822	0.0027	-2.5 to 2.5	Pass
				10	3.85	-5.312	-0.0021	-2.5 to 2.5	Pass
				30	3.85	7.648	0.0030	-2.5 to 2.5	Pass
				40	3.85	3.080	0.0012	-2.5 to 2.5	Pass
				50	3.85	-0.064	0.0000	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	7.863	0.0031	-2.5 to 2.5	Pass
					3.85	-0.093	0.0000	-2.5 to 2.5	Pass
					4.43	10.102	0.0039	-2.5 to 2.5	Pass
				-30	3.85	3.251	0.0013	-2.5 to 2.5	Pass
				-20	3.85	5.269	0.0021	-2.5 to 2.5	Pass
				-10	3.85	13.212	0.0052	-2.5 to 2.5	Pass
				0	3.85	12.931	0.0051	-2.5 to 2.5	Pass
				10	3.85	15.222	0.0059	-2.5 to 2.5	Pass
				30	3.85	4.768	0.0019	-2.5 to 2.5	Pass
				40	3.85	8.379	0.0033	-2.5 to 2.5	Pass
				50	3.85	10.777	0.0042	-2.5 to 2.5	Pass
16QAM	2510	100	0	20	3.27	-1.742	-0.0007	-2.5 to 2.5	Pass
					3.85	0.493	0.0002	-2.5 to 2.5	Pass
					4.43	-4.225	-0.0017	-2.5 to 2.5	Pass
				-30	3.85	-7.188	-0.0029	-2.5 to 2.5	Pass
				-20	3.85	-3.274	-0.0013	-2.5 to 2.5	Pass
				-10	3.85	2.681	0.0011	-2.5 to 2.5	Pass
				0	3.85	-2.310	-0.0009	-2.5 to 2.5	Pass
				10	3.85	-5.464	-0.0022	-2.5 to 2.5	Pass
				30	3.85	-1.056	-0.0004	-2.5 to 2.5	Pass
				40	3.85	-5.885	-0.0023	-2.5 to 2.5	Pass
				50	3.85	-2.407	-0.0010	-2.5 to 2.5	Pass
	2535	100	0	20	3.27	-5.258	-0.0021	-2.5 to 2.5	Pass
					3.85	-3.126	-0.0012	-2.5 to 2.5	Pass
					4.43	-5.405	-0.0021	-2.5 to 2.5	Pass
				-30	3.85	5.639	0.0022	-2.5 to 2.5	Pass
				-20	3.85	6.377	0.0025	-2.5 to 2.5	Pass
				-10	3.85	-2.586	-0.0010	-2.5 to 2.5	Pass
				0	3.85	0.471	0.0002	-2.5 to 2.5	Pass
				10	3.85	-5.317	-0.0021	-2.5 to 2.5	Pass
				30	3.85	2.875	0.0011	-2.5 to 2.5	Pass
				40	3.85	-3.474	-0.0014	-2.5 to 2.5	Pass
				50	3.85	4.184	0.0017	-2.5 to 2.5	Pass
	2560	100	0	20	3.27	-0.531	-0.0002	-2.5 to 2.5	Pass
					3.85	12.207	0.0048	-2.5 to 2.5	Pass
					4.43	4.468	0.0017	-2.5 to 2.5	Pass
				-30	3.85	12.736	0.0050	-2.5 to 2.5	Pass
				-20	3.85	11.443	0.0045	-2.5 to 2.5	Pass
				-10	3.85	0.889	0.0003	-2.5 to 2.5	Pass
				0	3.85	4.540	0.0018	-2.5 to 2.5	Pass
				10	3.85	5.755	0.0022	-2.5 to 2.5	Pass
				30	3.85	1.549	0.0006	-2.5 to 2.5	Pass
				40	3.85	7.212	0.0028	-2.5 to 2.5	Pass
				50	3.85	1.639	0.0006	-2.5 to 2.5	Pass

3. 99% & 26dB Bandwidth

3.1 Test Result

3.1.1 Band7_OBW

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		99% Occupied Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	4.553	/	Pass
		2535	25	0	4.551	/	Pass
		2567.5	25	0	4.566	/	Pass
	16QAM	2502.5	25	0	4.572	/	Pass
		2535	25	0	4.563	/	Pass
		2567.5	25	0	4.548	/	Pass
10	QPSK	2505	50	0	9.067	/	Pass
		2535	50	0	9.048	/	Pass
		2565	50	0	9.021	/	Pass
	16QAM	2505	50	0	9.044	/	Pass
		2535	50	0	9.035	/	Pass
		2565	50	0	9.045	/	Pass
15	QPSK	2507.5	75	0	13.564	/	Pass
		2535	75	0	13.559	/	Pass
		2562.5	75	0	13.556	/	Pass
	16QAM	2507.5	75	0	13.603	/	Pass
		2535	75	0	13.537	/	Pass
		2562.5	75	0	13.559	/	Pass
20	QPSK	2510	100	0	18.056	/	Pass
		2535	100	0	18.052	/	Pass
		2560	100	0	18.094	/	Pass
	16QAM	2510	100	0	18.090	/	Pass
		2535	100	0	18.065	/	Pass
		2560	100	0	18.084	/	Pass

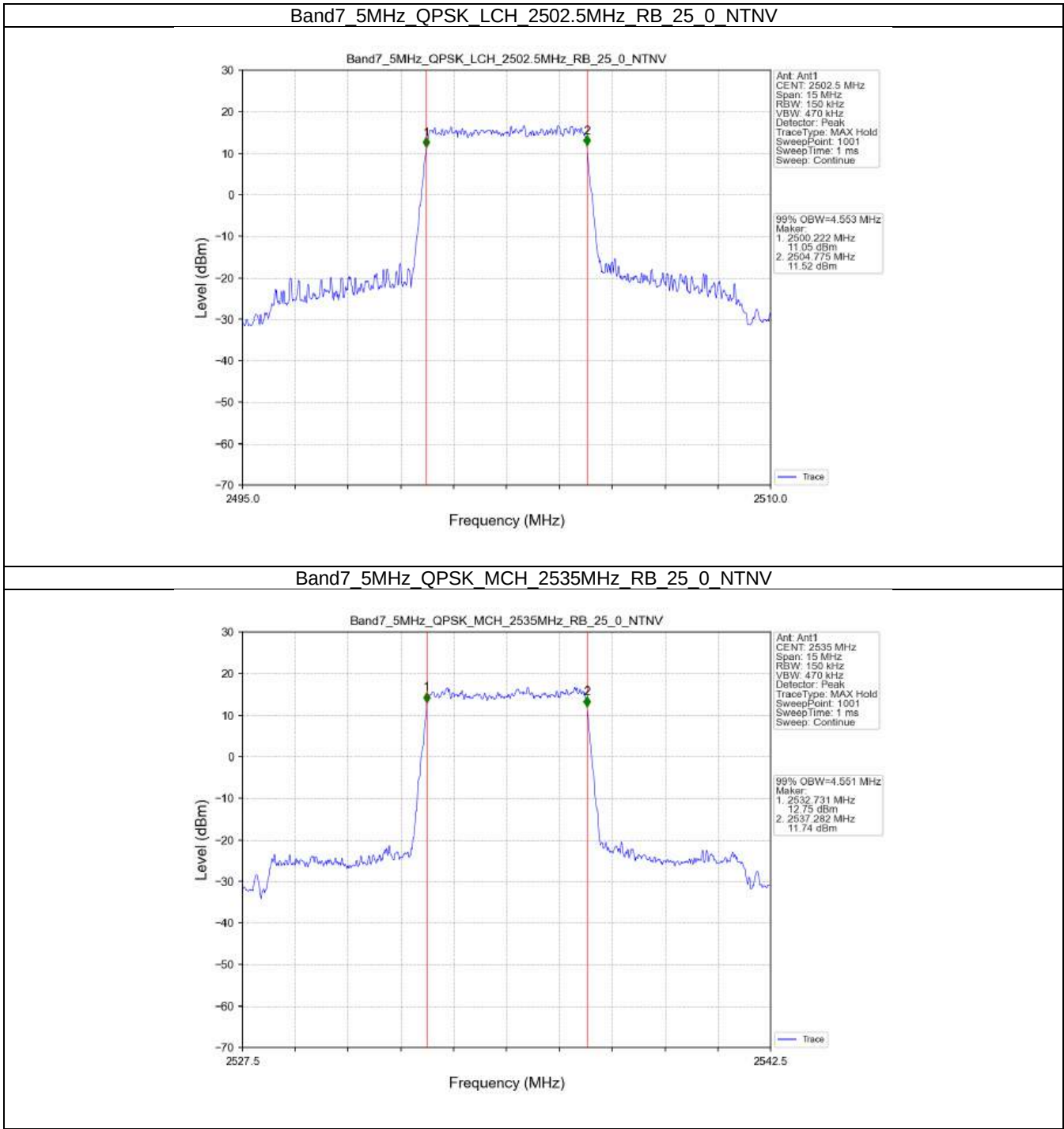
3.1.2 Band7_XDB

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.061	/	Pass
		2535	25	0	5.044	/	Pass
		2567.5	25	0	5.048	/	Pass
	16QAM	2502.5	25	0	5.068	/	Pass
		2535	25	0	5.079	/	Pass
		2567.5	25	0	5.027	/	Pass
10	QPSK	2505	50	0	10.038	/	Pass
		2535	50	0	9.930	/	Pass
		2565	50	0	10.013	/	Pass
	16QAM	2505	50	0	9.955	/	Pass
		2535	50	0	9.958	/	Pass
		2565	50	0	9.970	/	Pass
15	QPSK	2507.5	75	0	15.096	/	Pass
		2535	75	0	14.917	/	Pass
		2562.5	75	0	14.968	/	Pass
	16QAM	2507.5	75	0	14.908	/	Pass
		2535	75	0	14.936	/	Pass
		2562.5	75	0	14.890	/	Pass
20	QPSK	2510	100	0	19.714	/	Pass
		2535	100	0	19.796	/	Pass

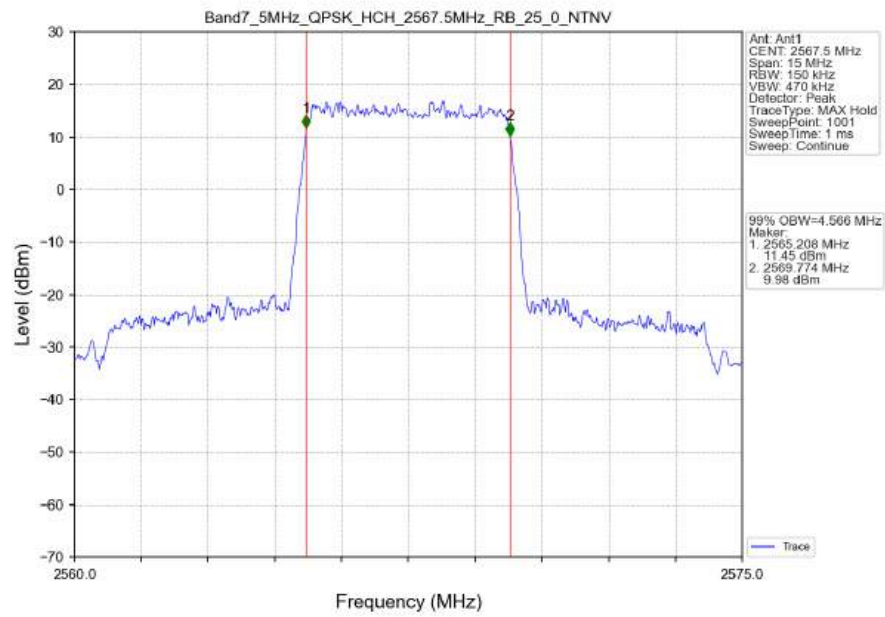
		2560	100	0	19.980	/	Pass
	16QAM	2510	100	0	19.753	/	Pass
		2535	100	0	19.712	/	Pass
		2560	100	0	19.850	/	Pass

3.2 Test Graph

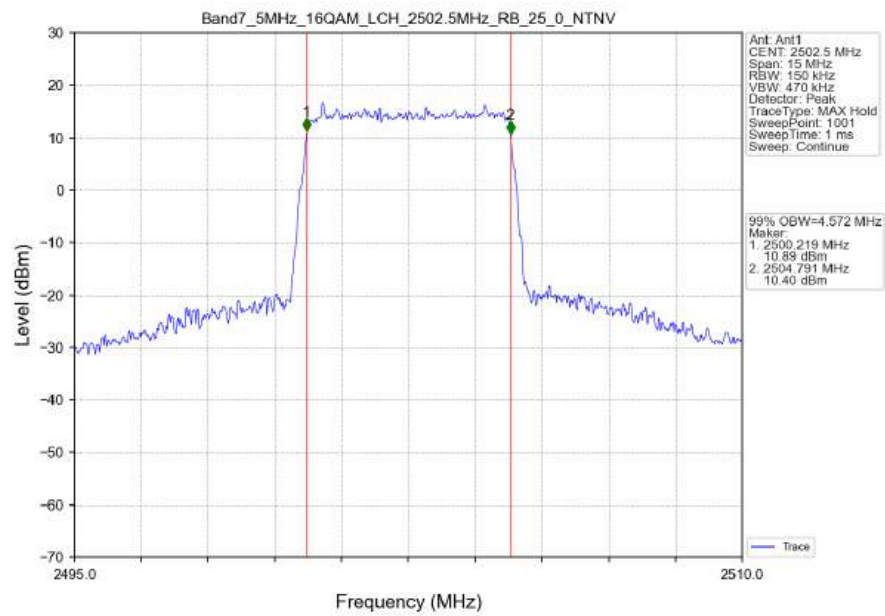
3.2.1 Band7_OBW



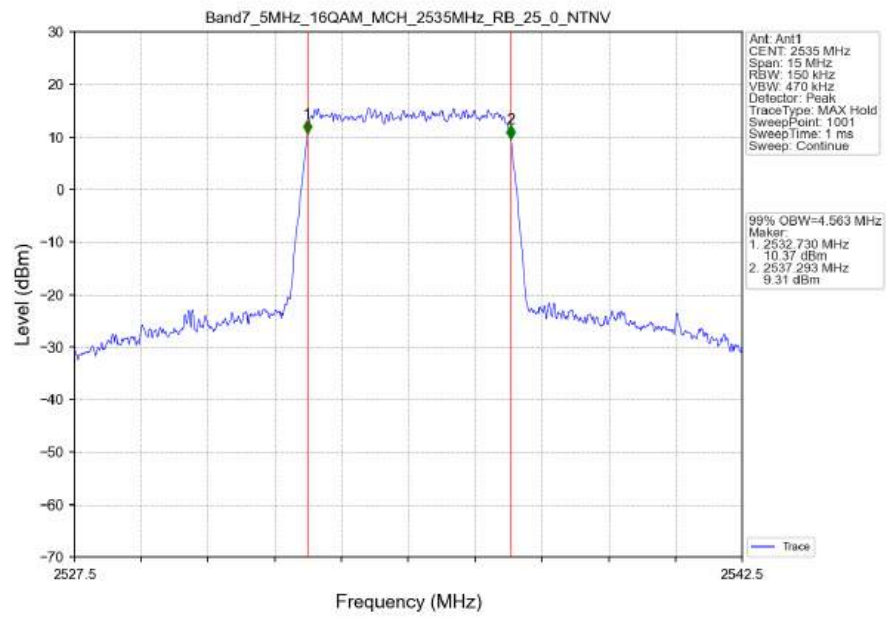
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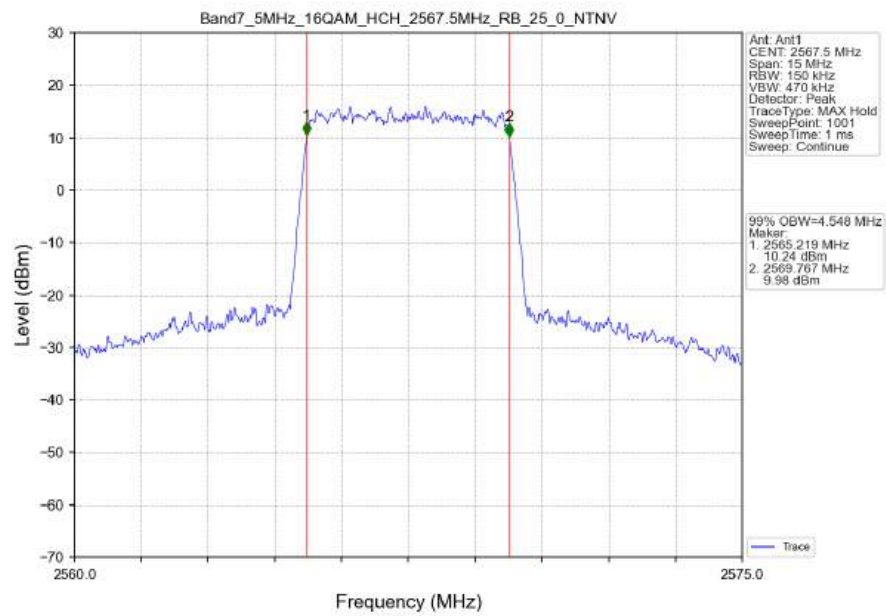
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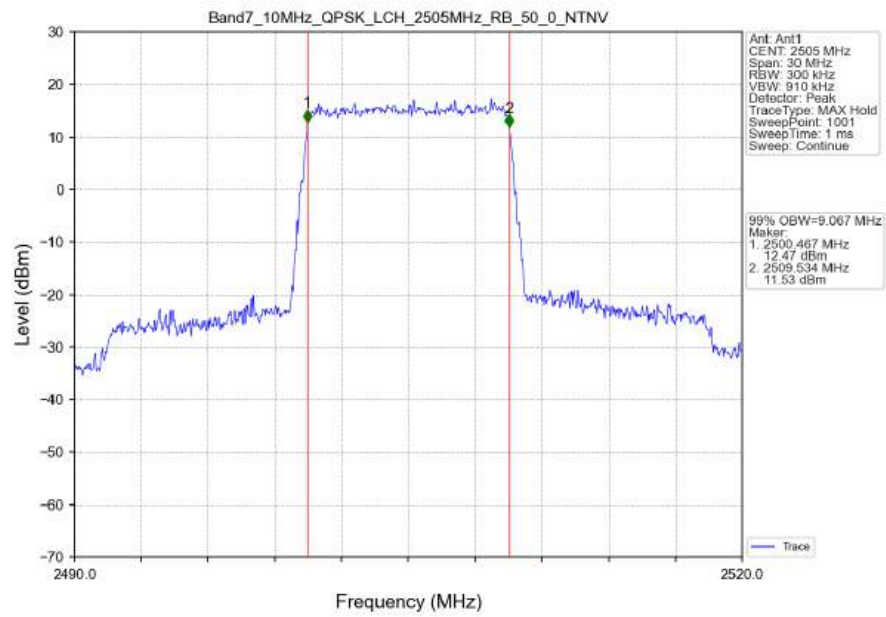
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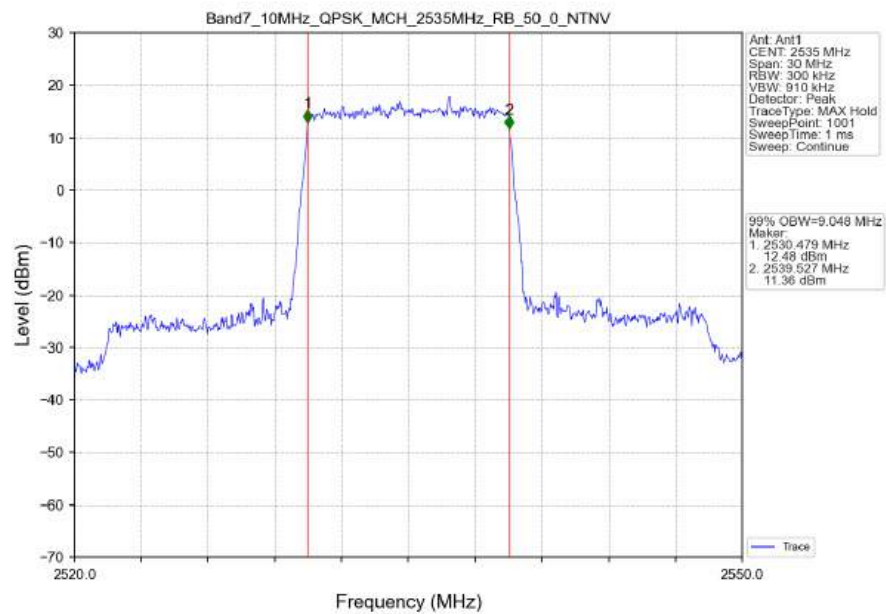
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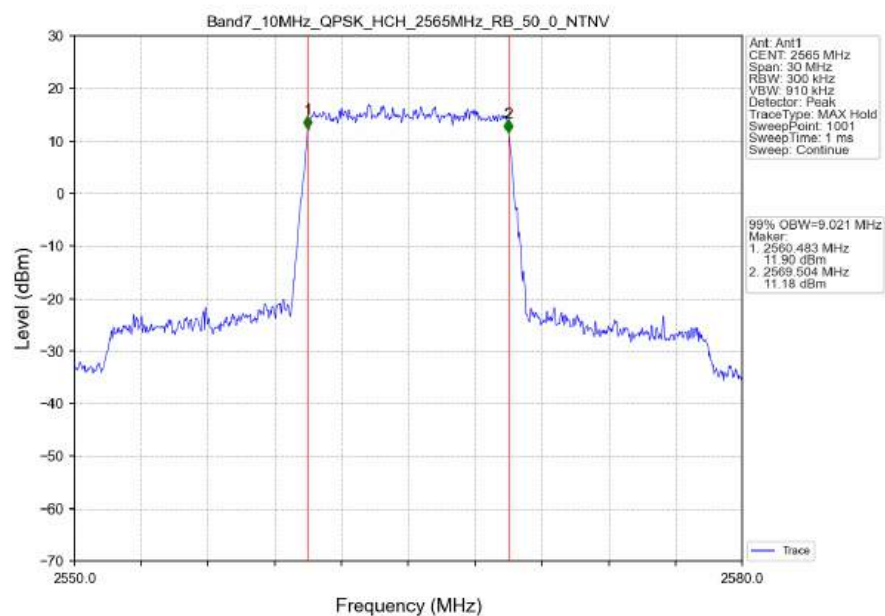
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



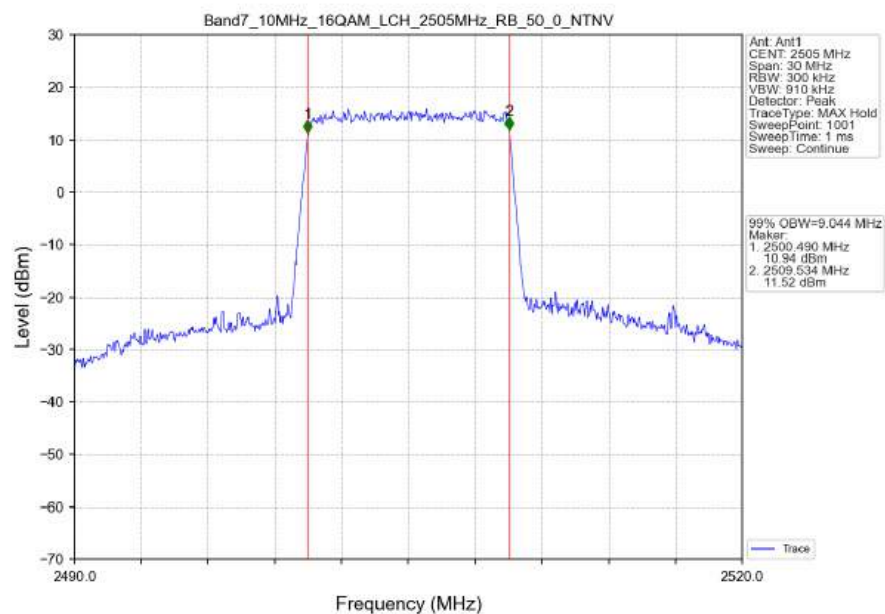
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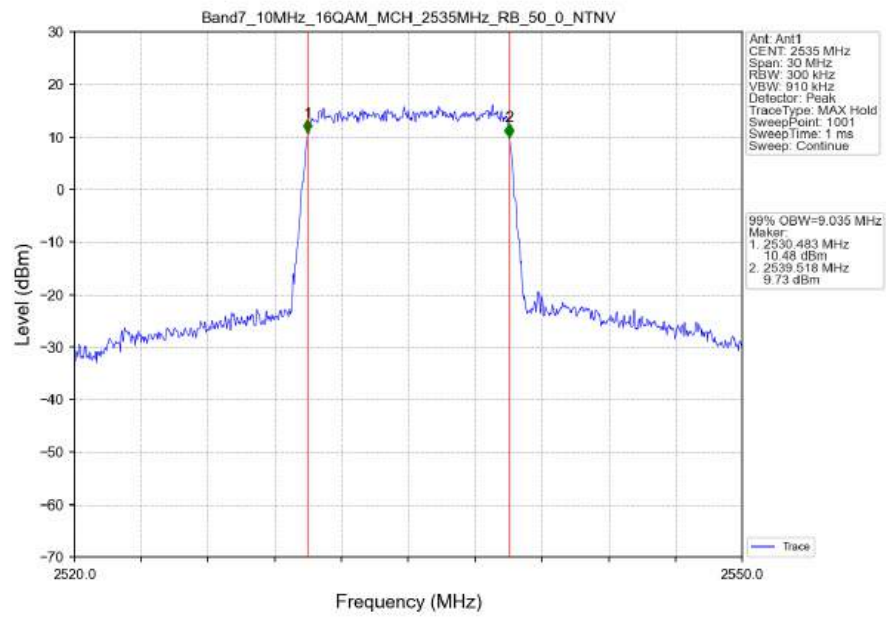
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



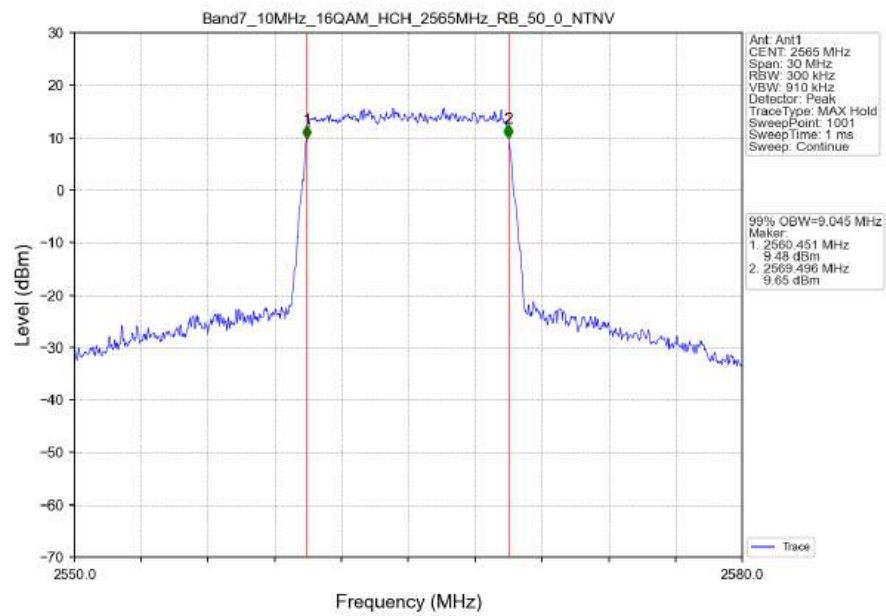
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



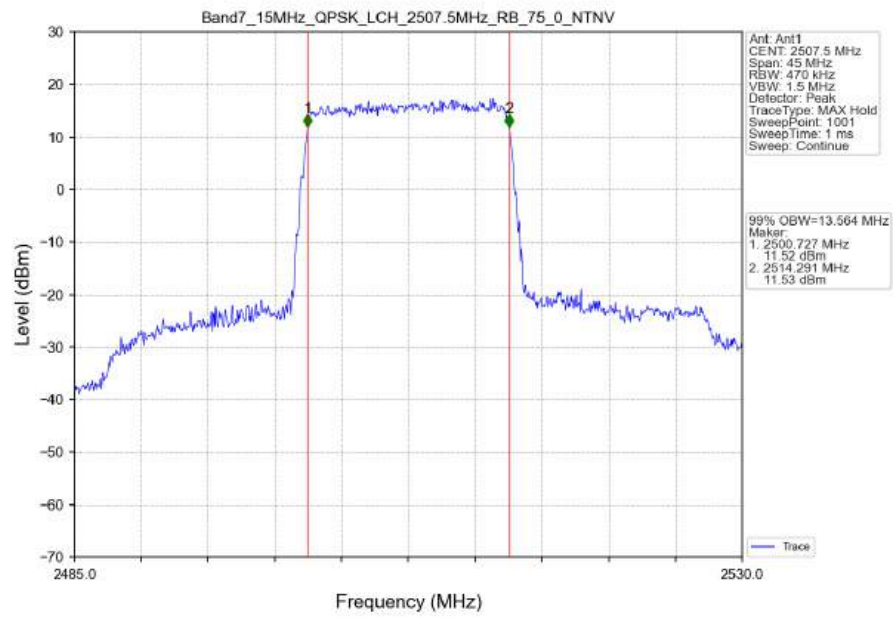
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



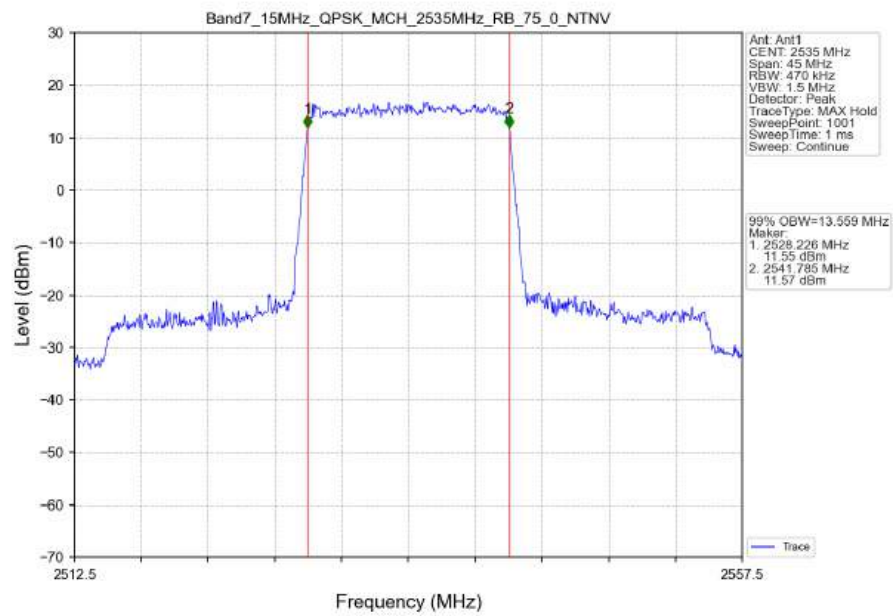
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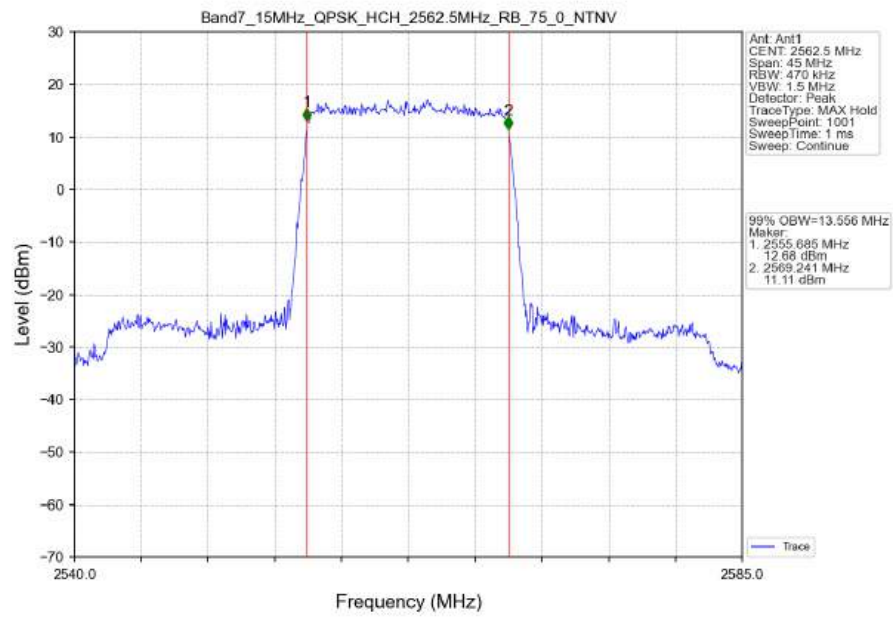
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



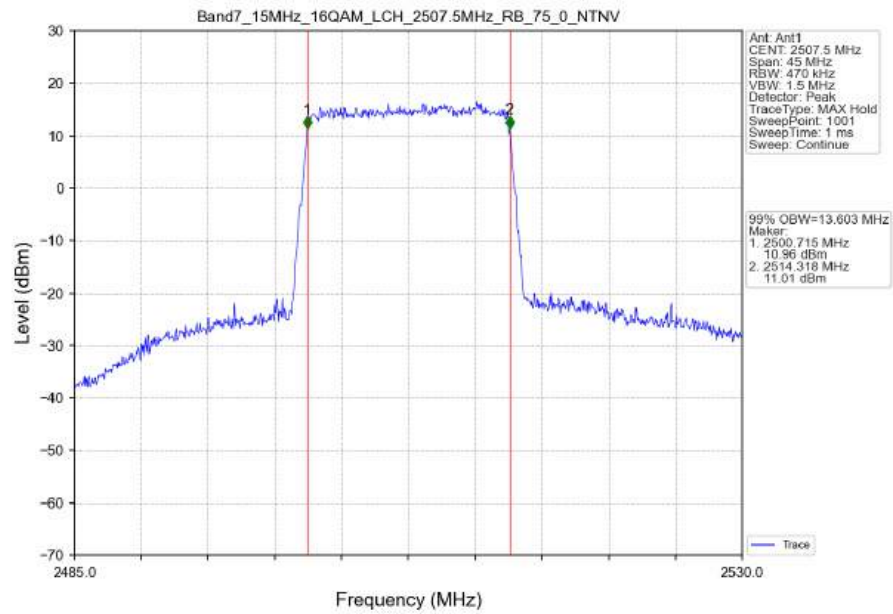
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



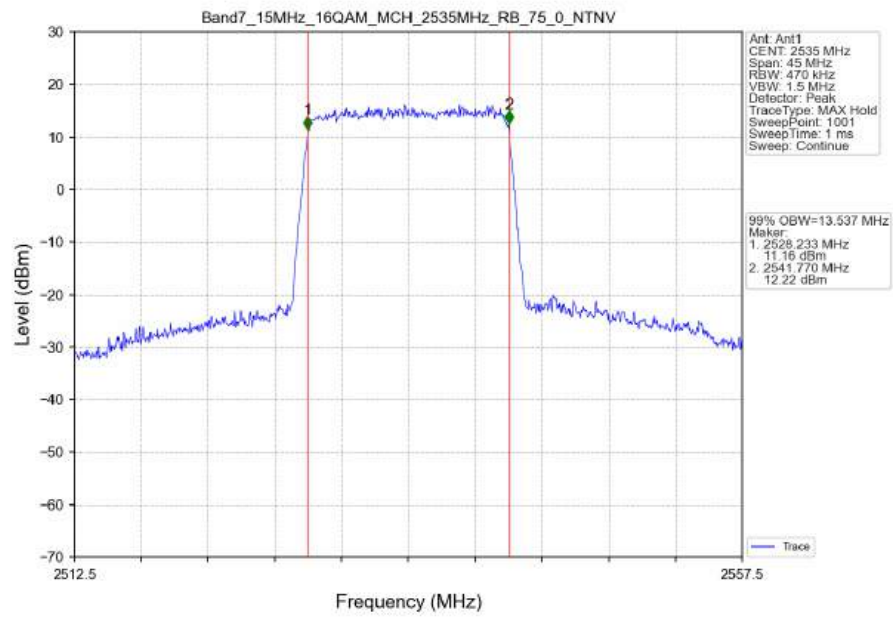
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



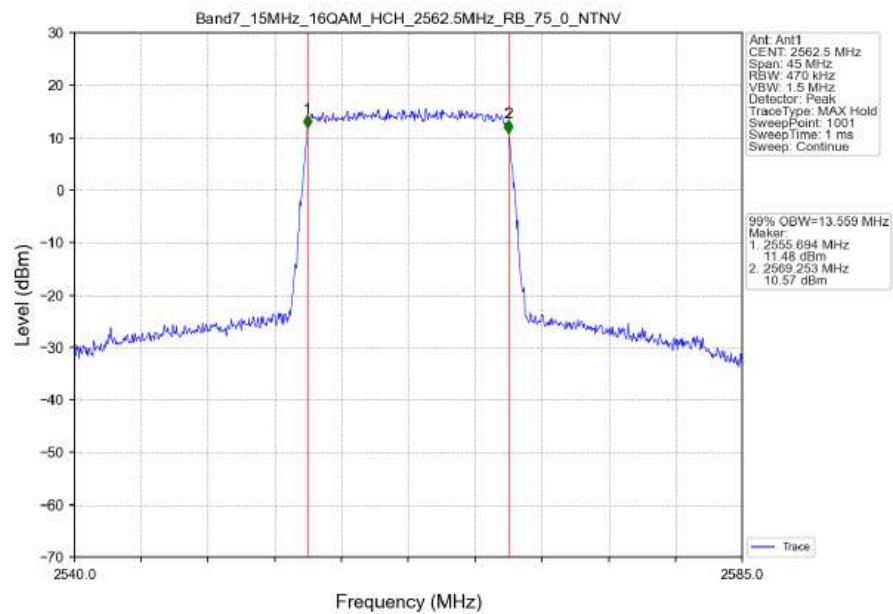
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



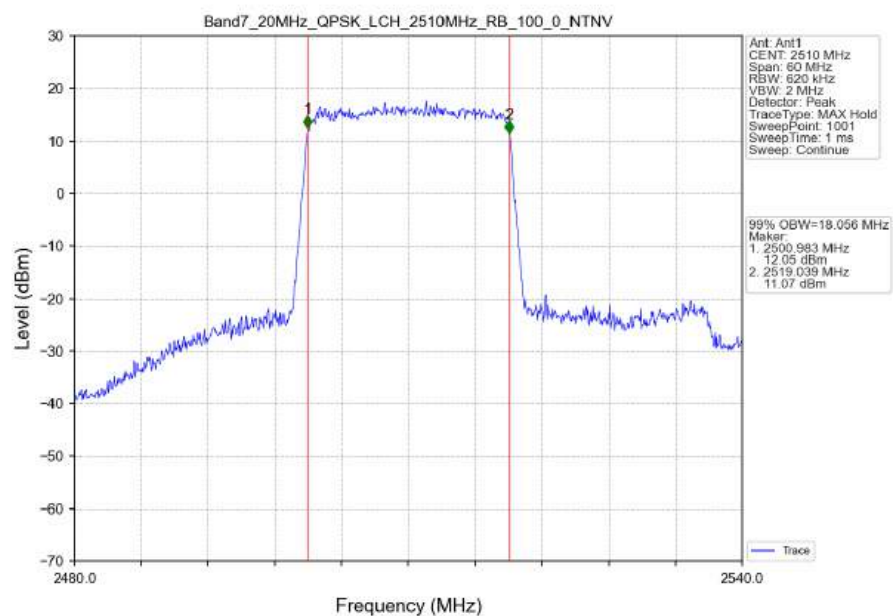
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



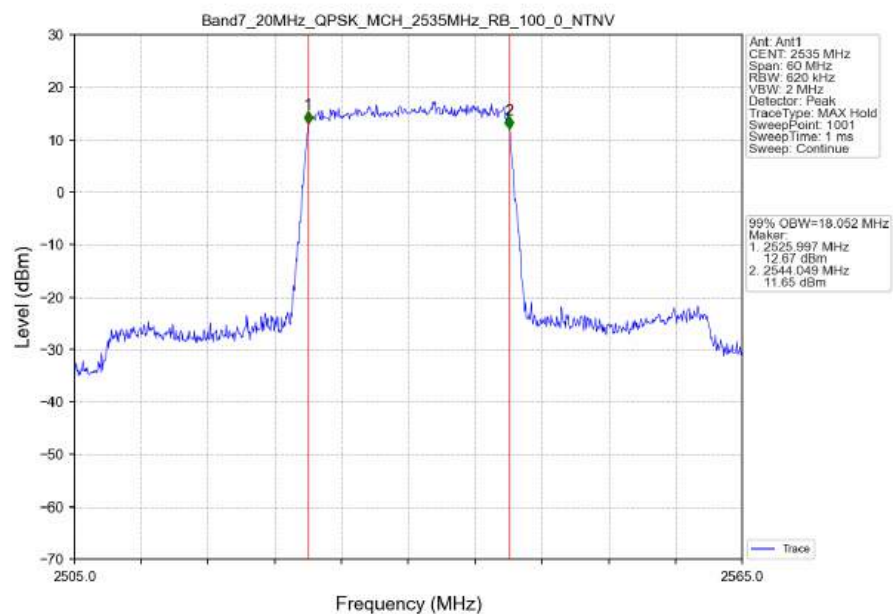
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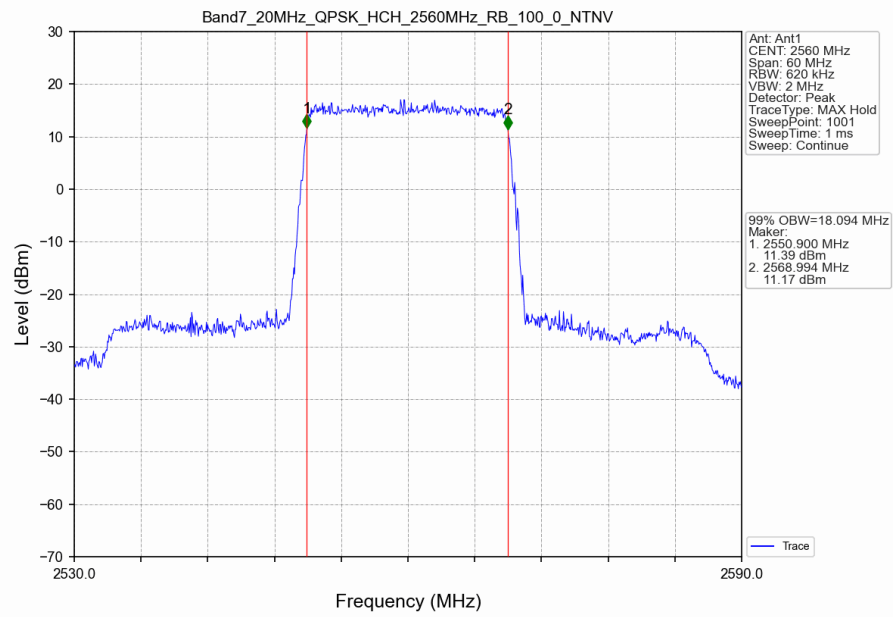
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



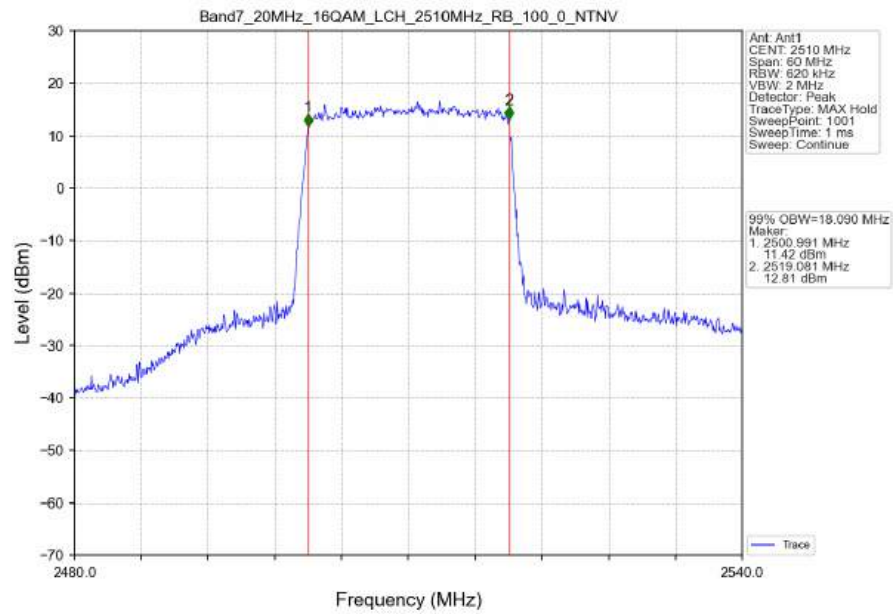
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



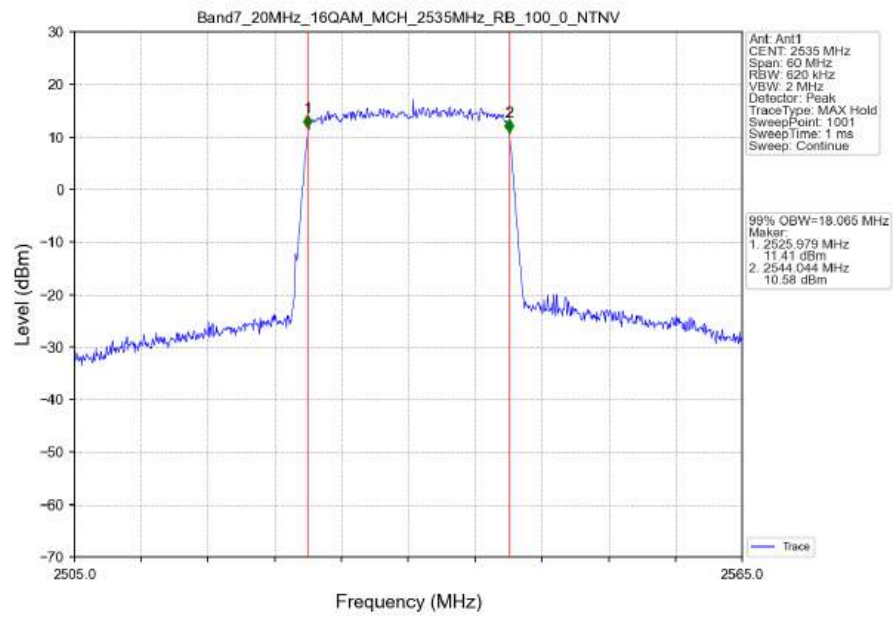
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



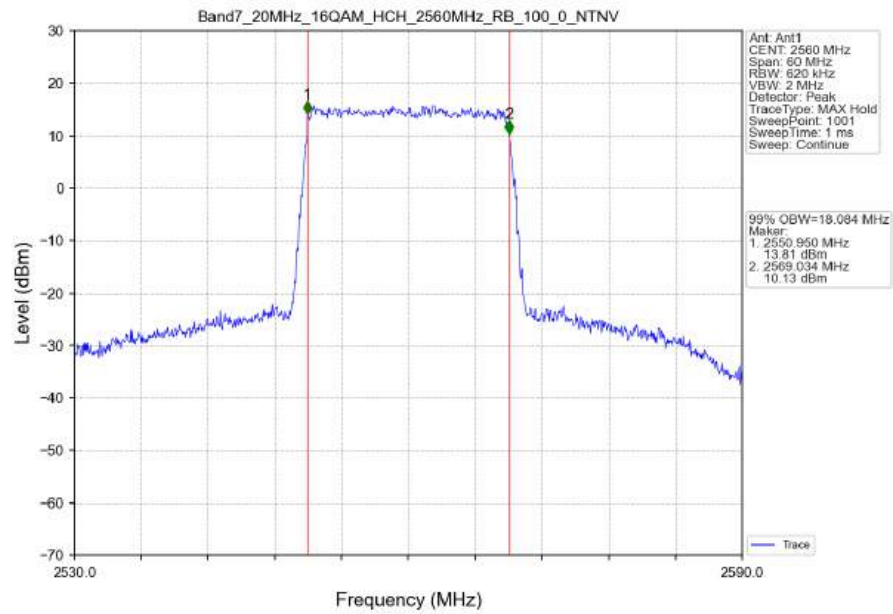
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



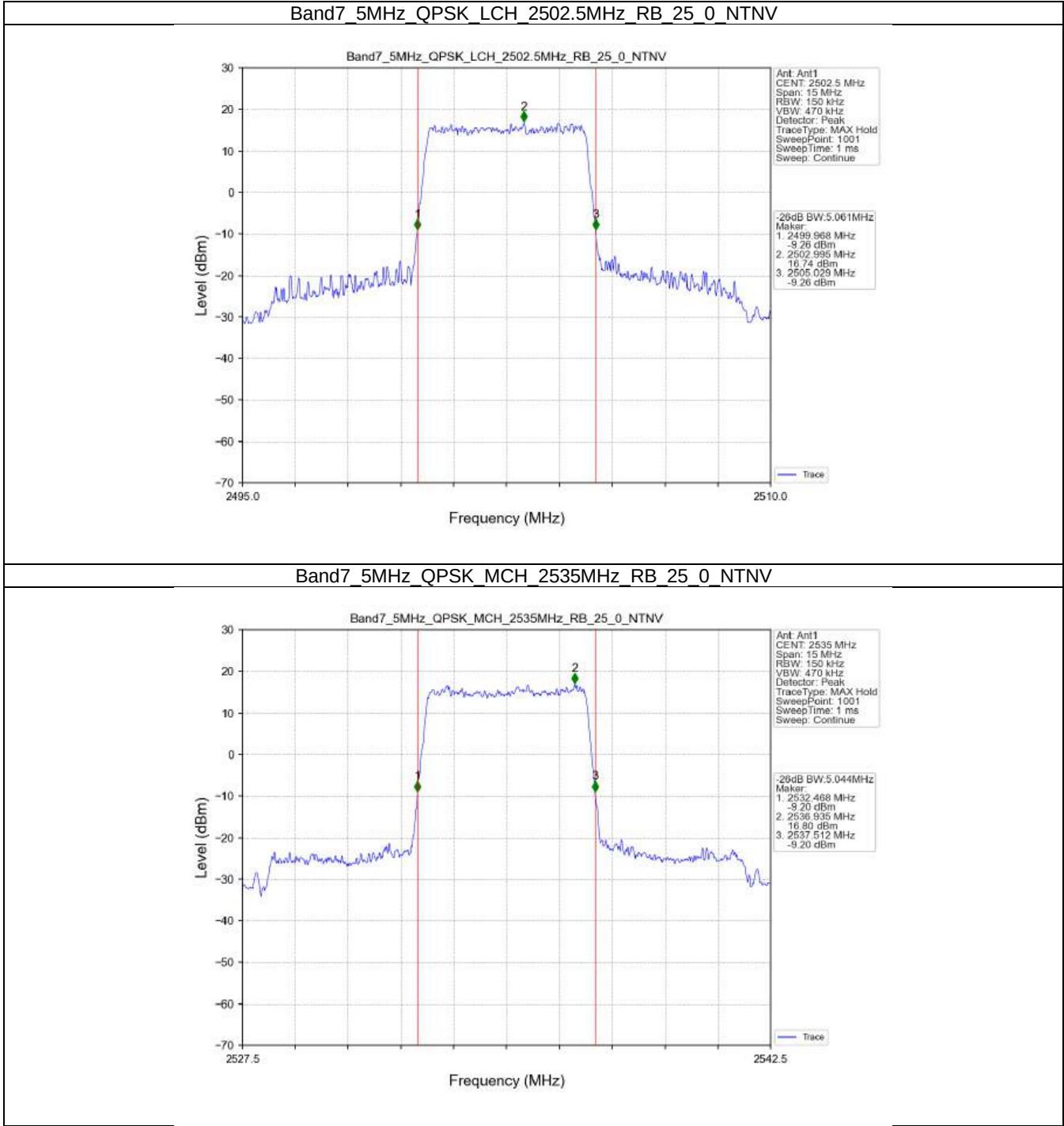
Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



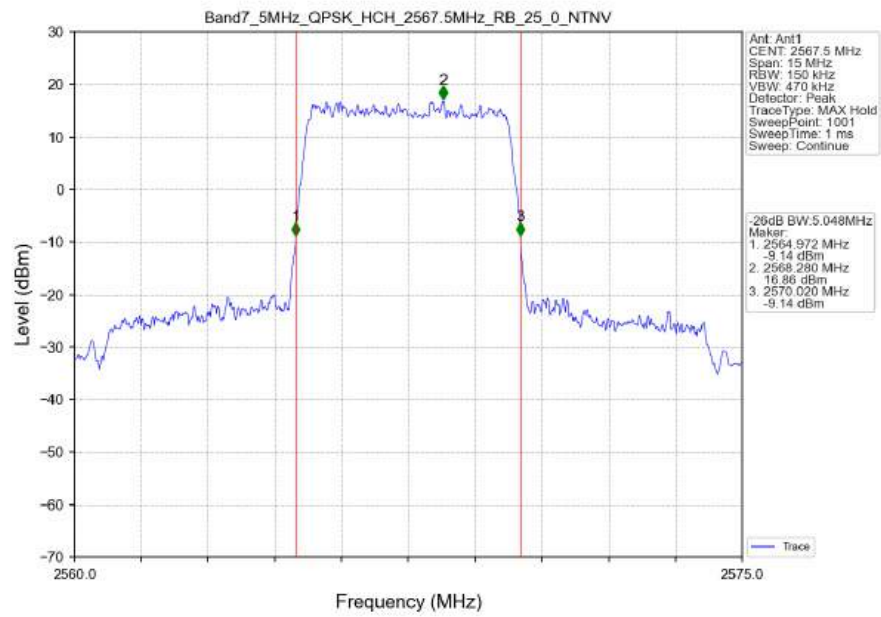
Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



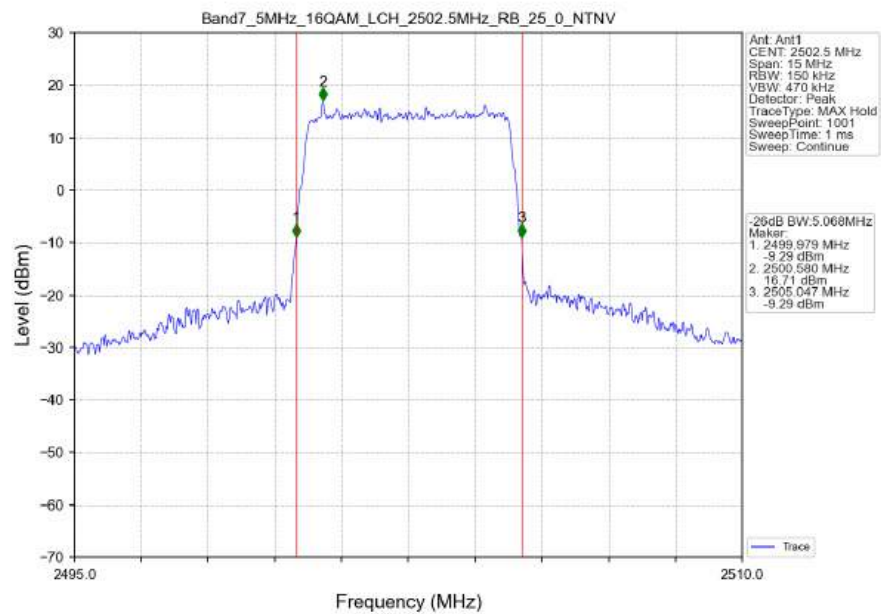
3.2.2 Band7_XDB



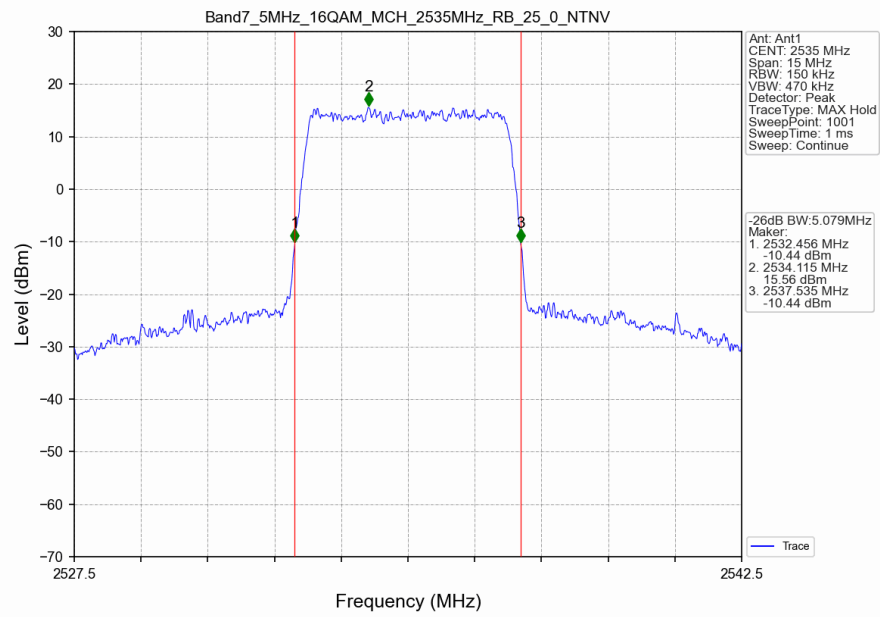
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



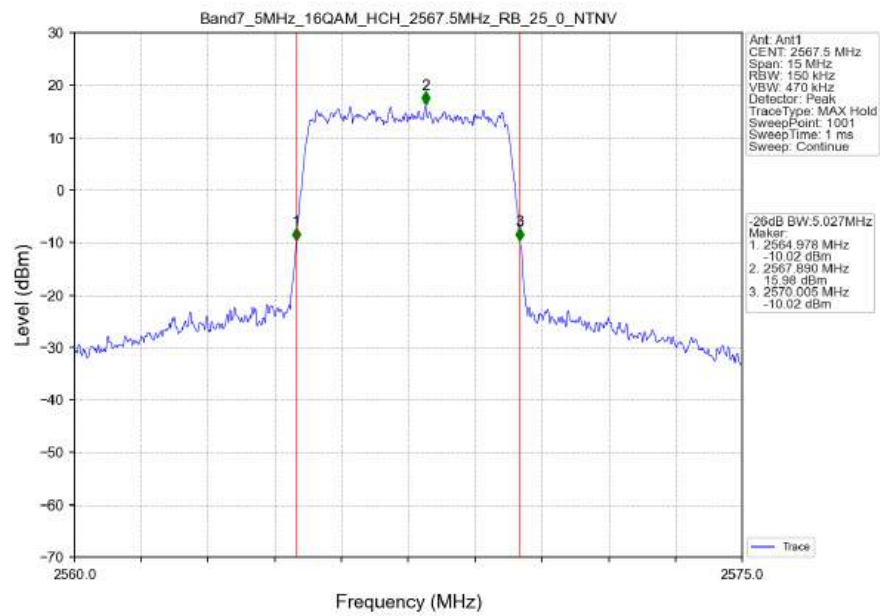
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



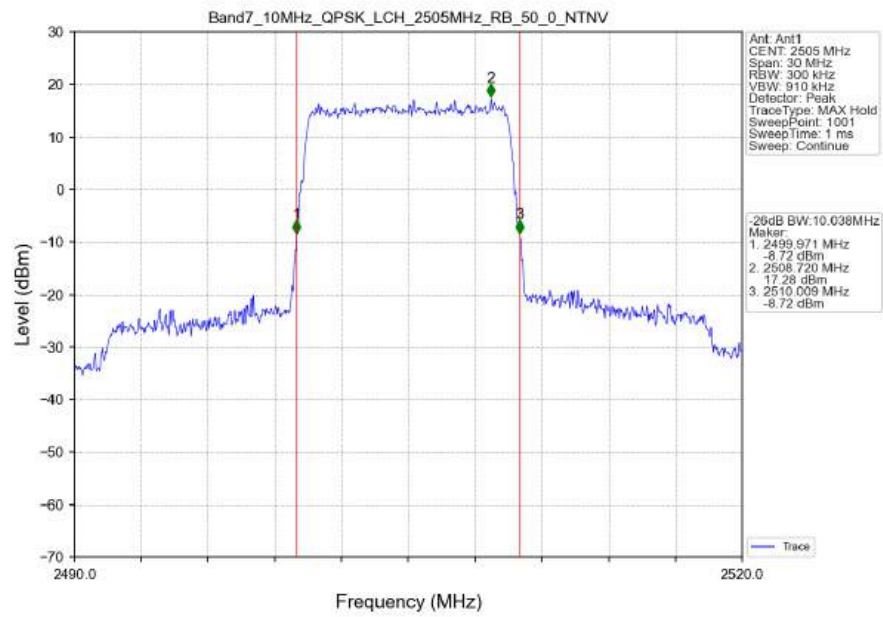
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



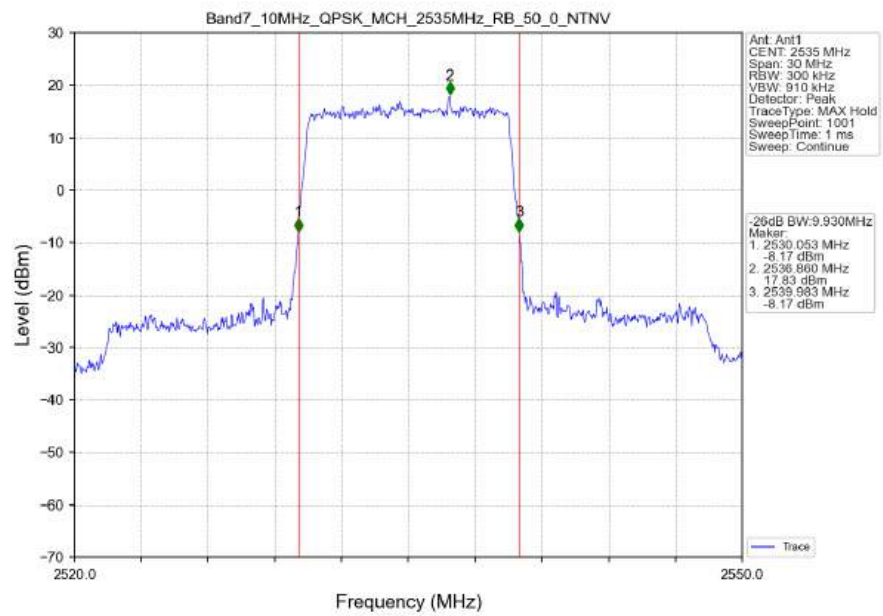
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



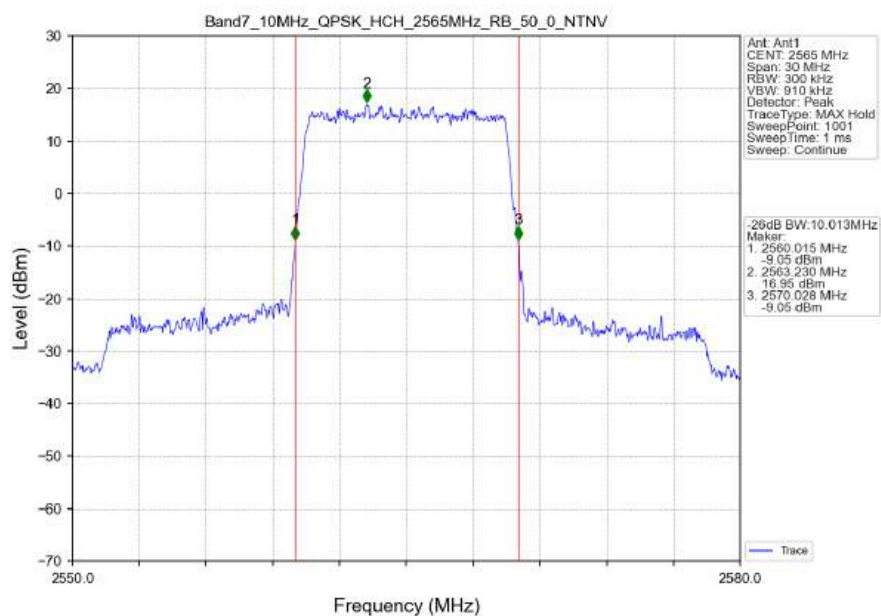
Band7_10MHz_QPSK_LCH_2505MHz_RB_50_0_NTNV



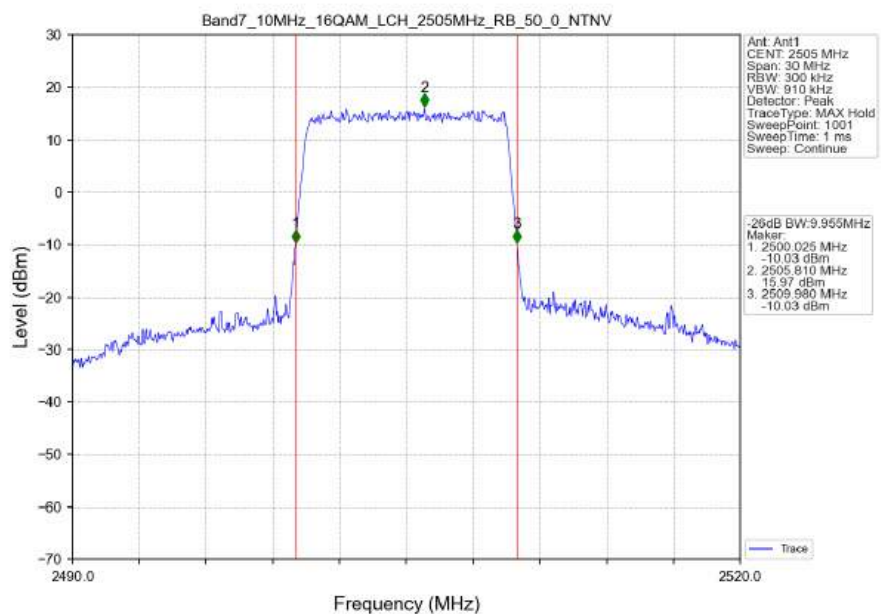
Band7_10MHz_QPSK_MCH_2535MHz_RB_50_0_NTNV



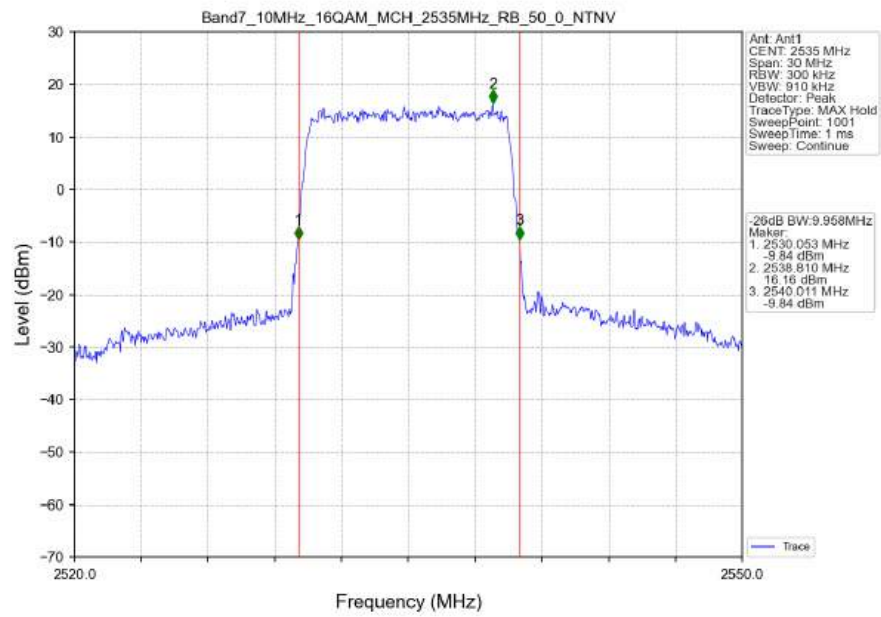
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



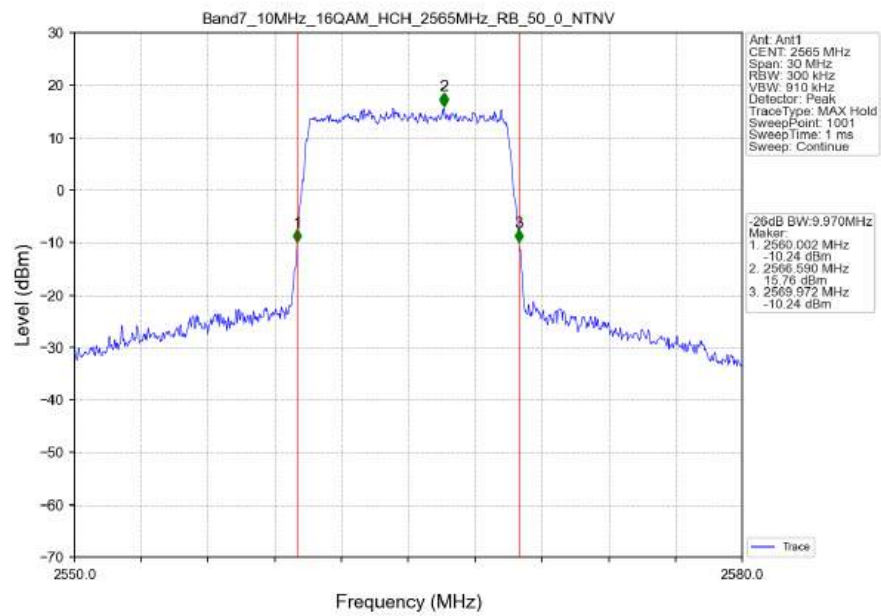
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



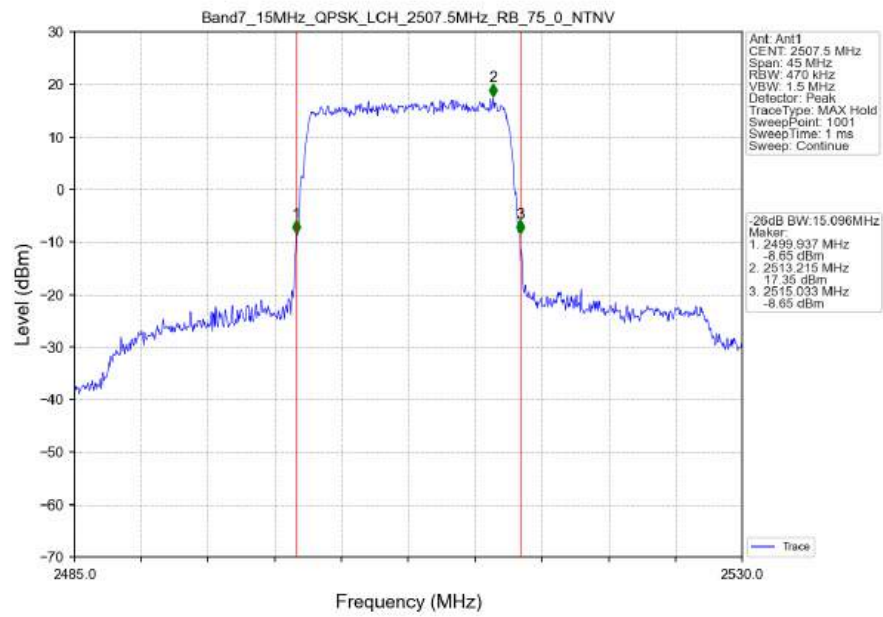
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



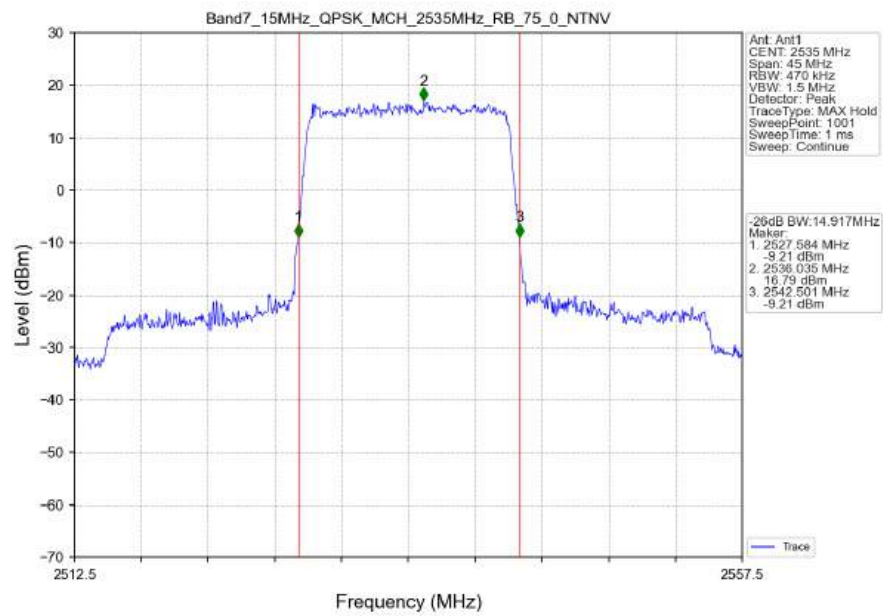
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



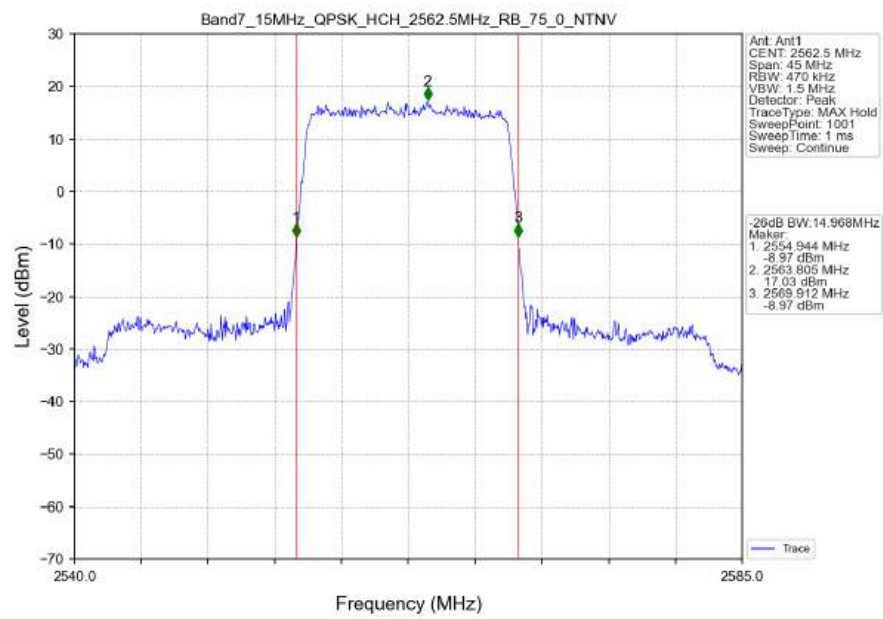
Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



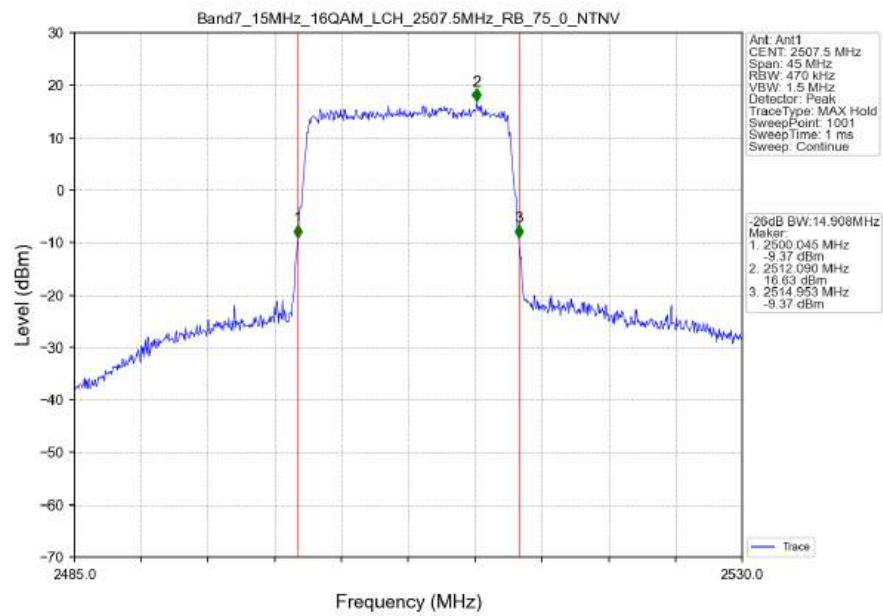
Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



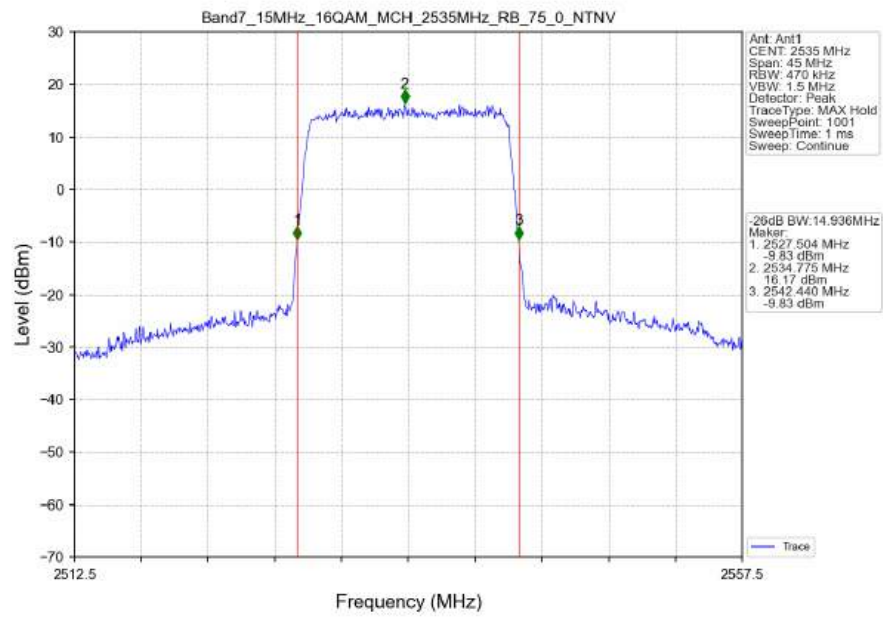
Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



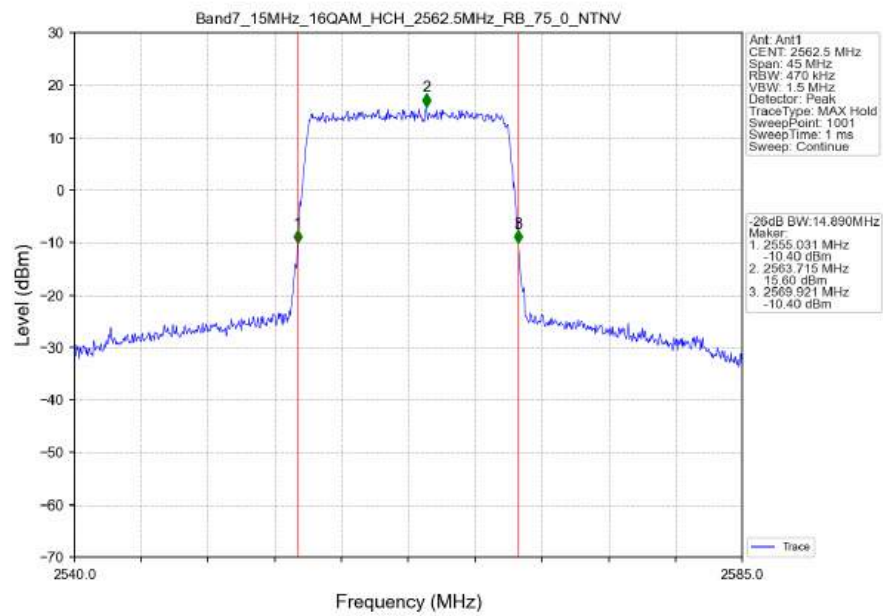
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



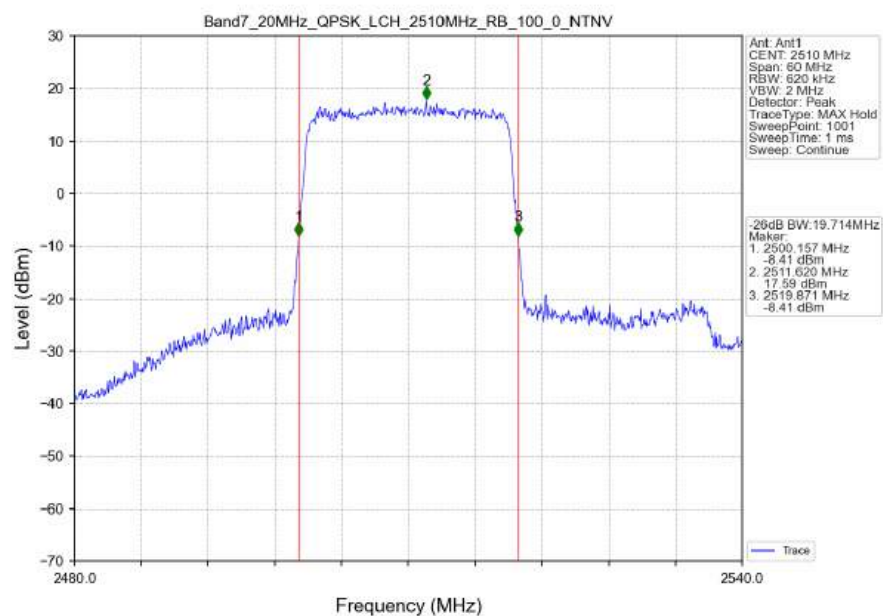
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



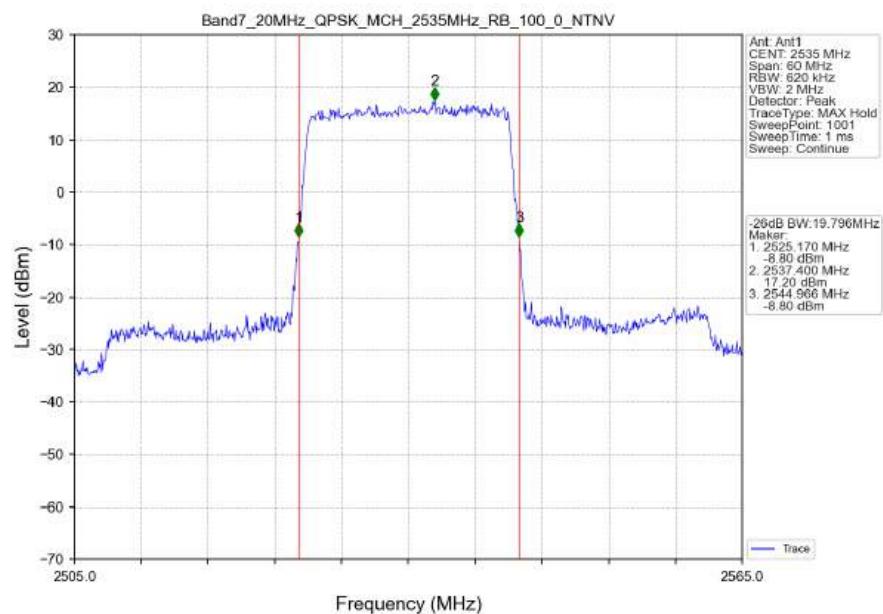
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



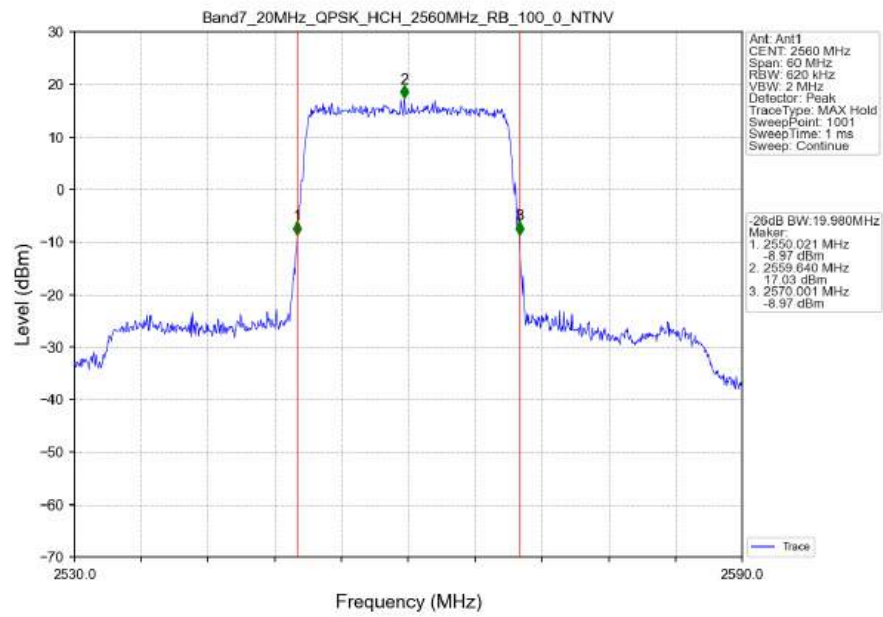
Band7_20MHz_QPSK_LCH_2510MHz_RB_100_0_NTNV



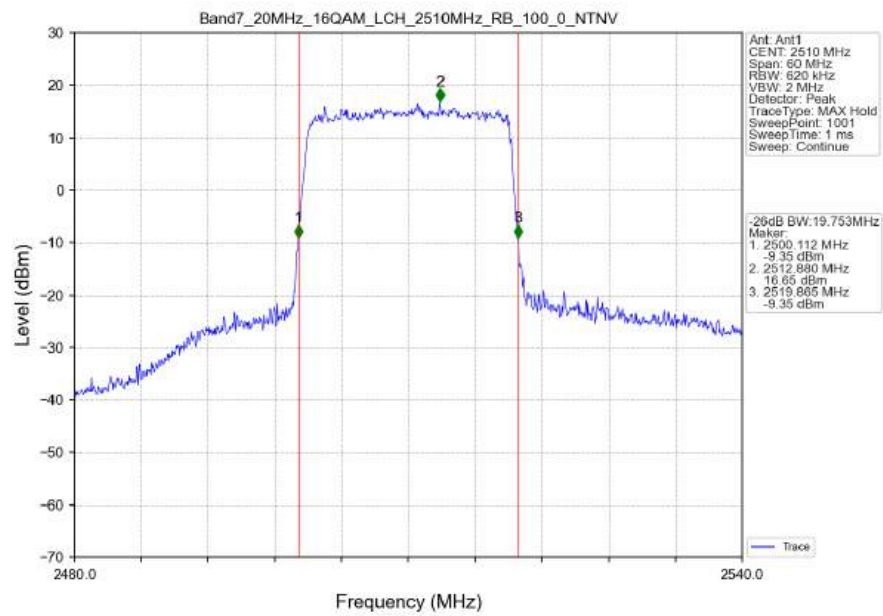
Band7_20MHz_QPSK_MCH_2535MHz_RB_100_0_NTNV



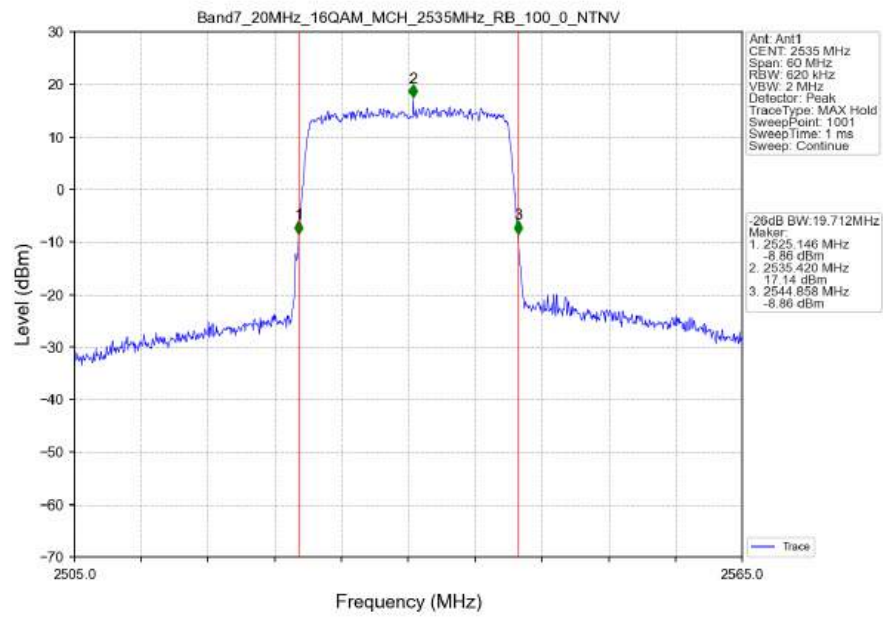
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



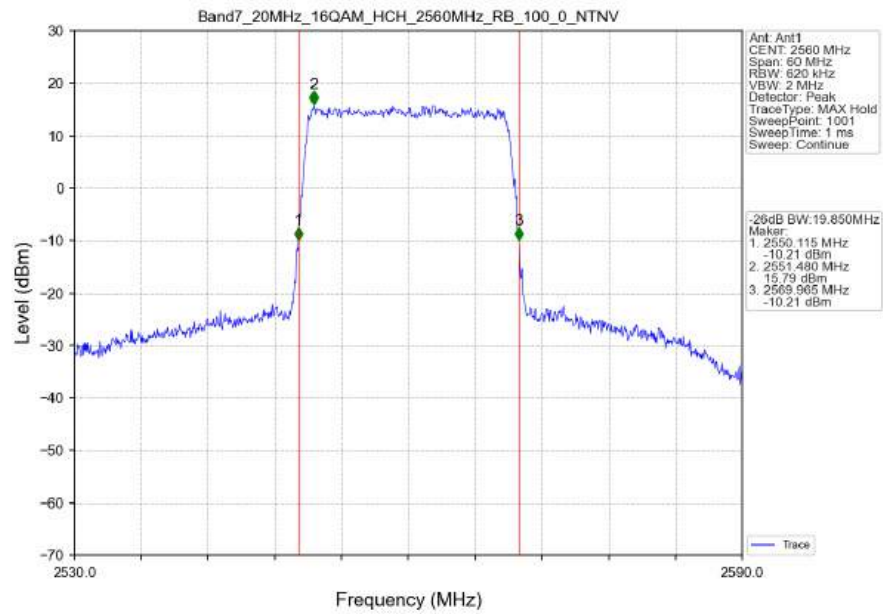
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



4. Peak-Average Ratio

4.1 Test Result

4.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.33	<=13	Pass
	2535	25	0	5.38	<=13	Pass
	2567.5	25	0	5.31	<=13	Pass
16QAM	2502.5	25	0	6.12	<=13	Pass
	2535	25	0	6.12	<=13	Pass
	2567.5	25	0	6.07	<=13	Pass

4.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.32	<=13	Pass
	2535	50	0	5.26	<=13	Pass
	2565	50	0	5.27	<=13	Pass
16QAM	2505	50	0	6.14	<=13	Pass
	2535	50	0	6.13	<=13	Pass
	2565	50	0	6.06	<=13	Pass

4.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.46	<=13	Pass
	2535	75	0	5.56	<=13	Pass
	2562.5	75	0	5.53	<=13	Pass
16QAM	2507.5	75	0	6.17	<=13	Pass
	2535	75	0	6.29	<=13	Pass
	2562.5	75	0	6.25	<=13	Pass

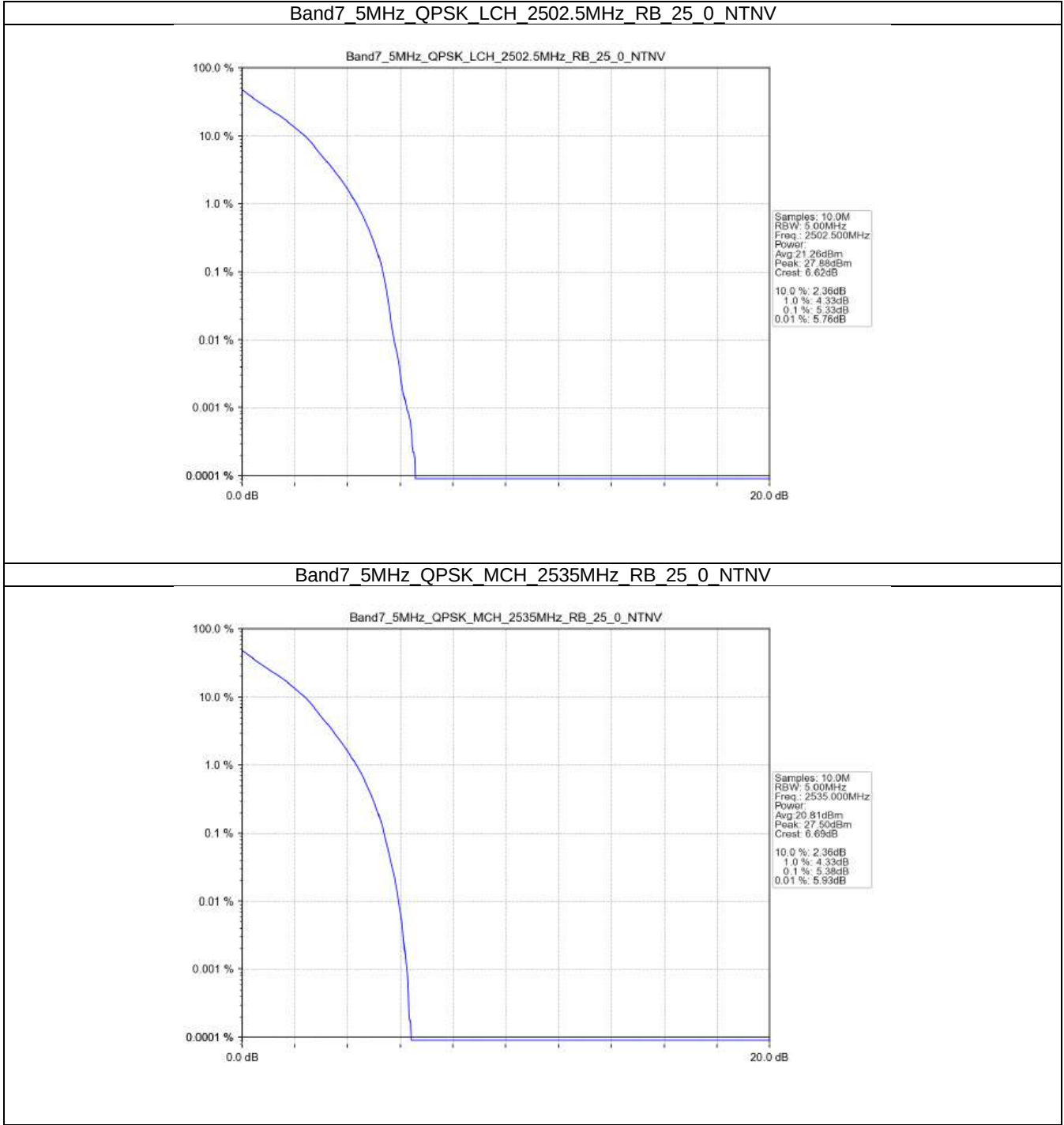
4.1.4 B7_20MHz

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.22	<=13	Pass
	2535	100	0	5.35	<=13	Pass
	2560	100	0	5.39	<=13	Pass

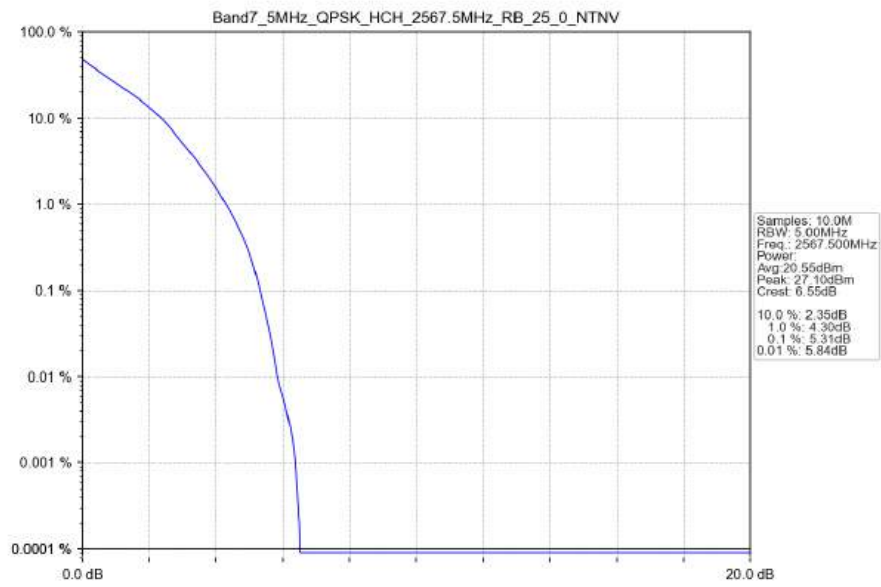
16QAM	2510	100	0	6.10	≤ 13	Pass
	2535	100	0	6.21	≤ 13	Pass
	2560	100	0	6.21	≤ 13	Pass

4.2 Test Graph

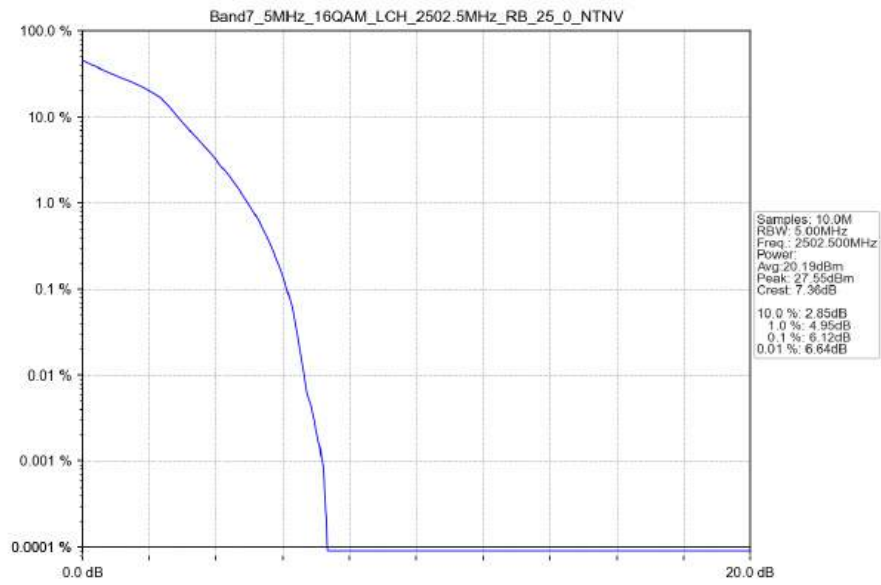
4.2.1 B7_5MHz



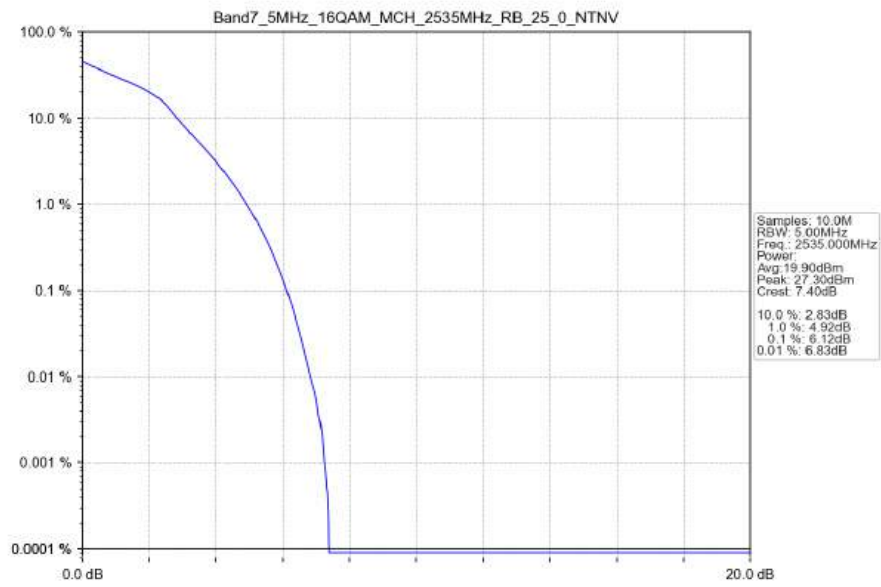
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



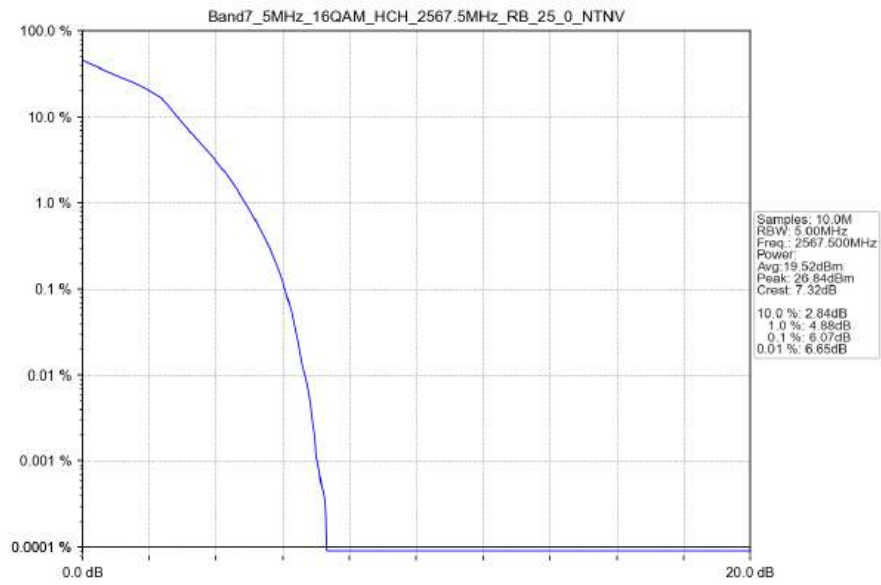
Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



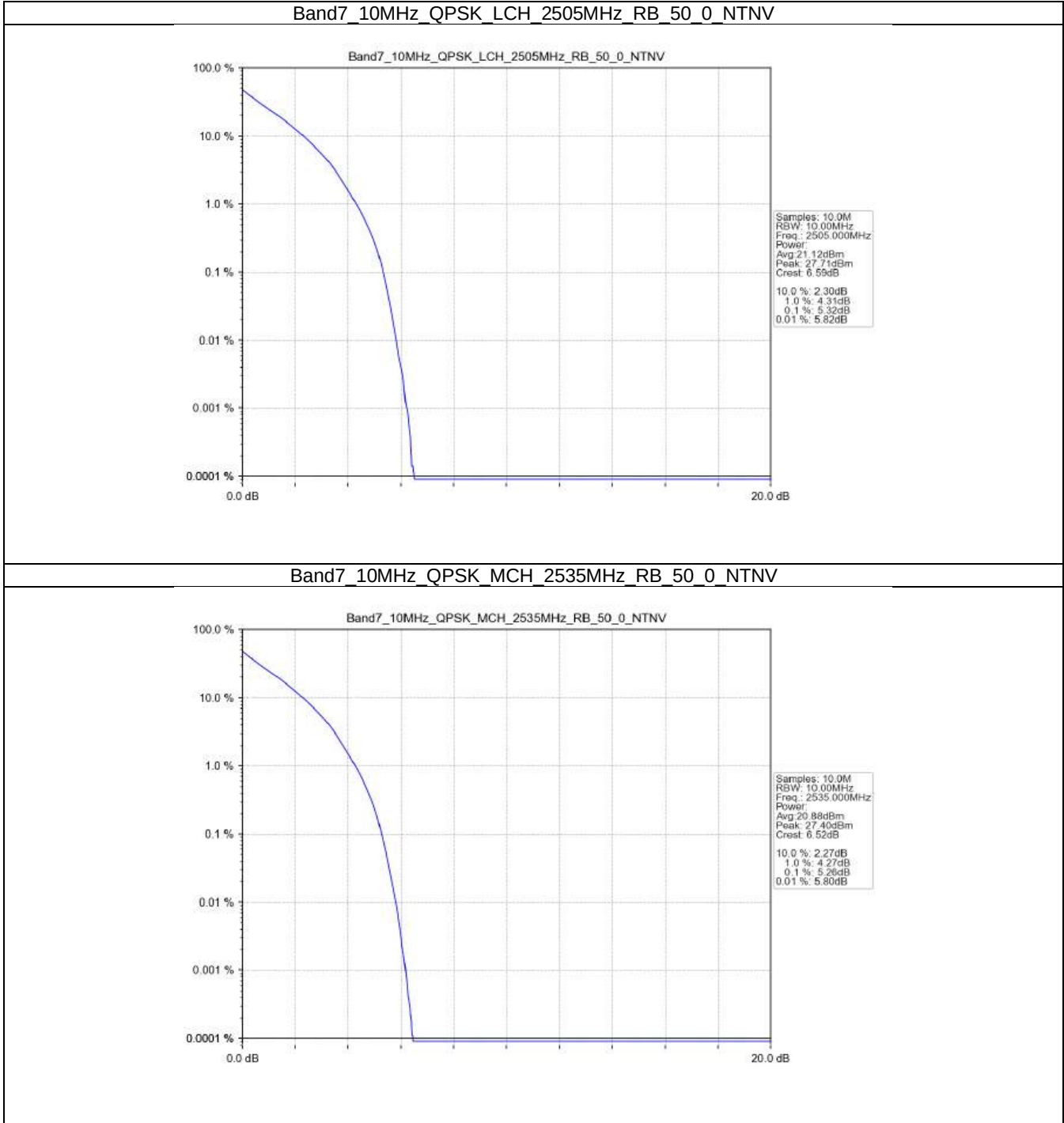
Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



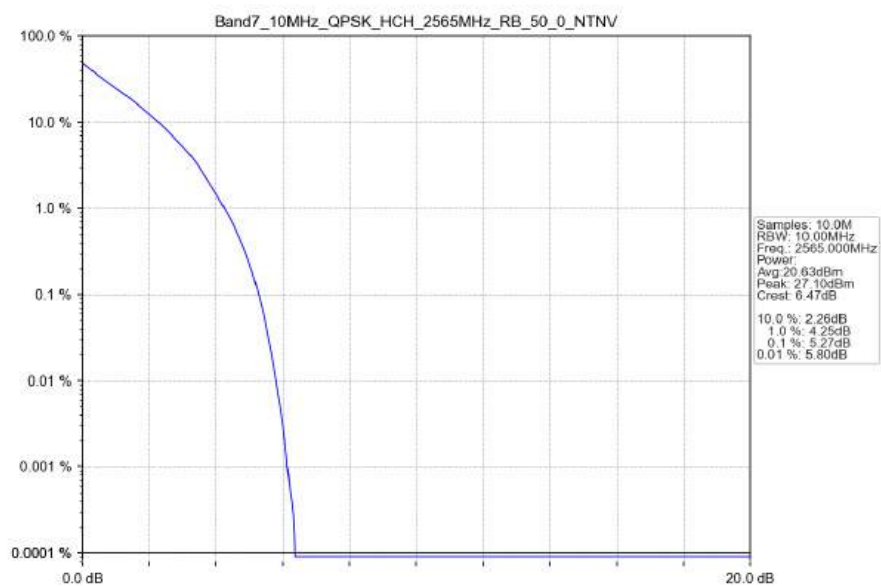
Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



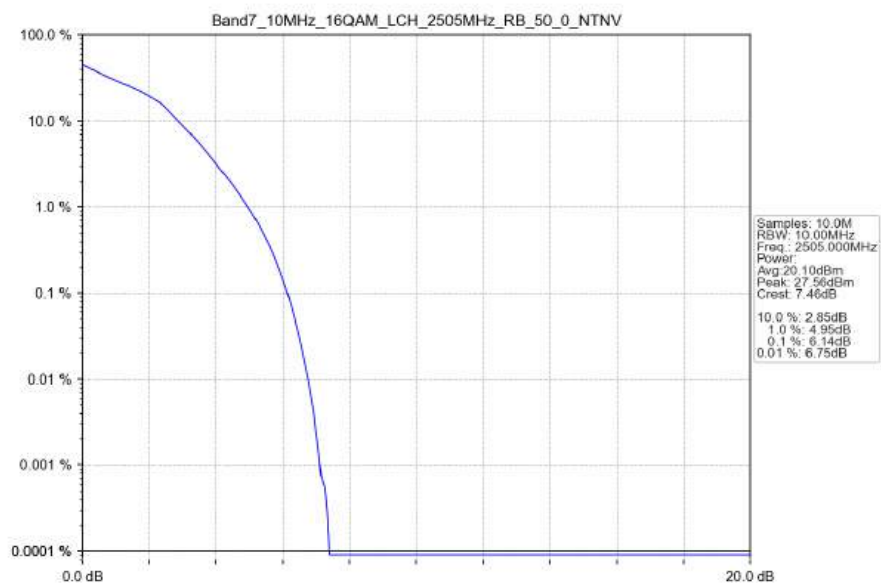
4.2.2 B7_10MHz



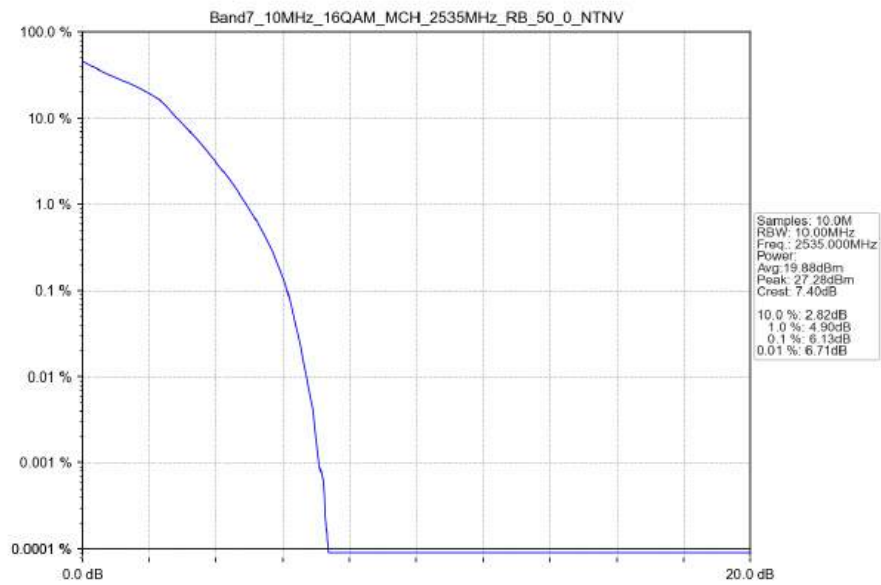
Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



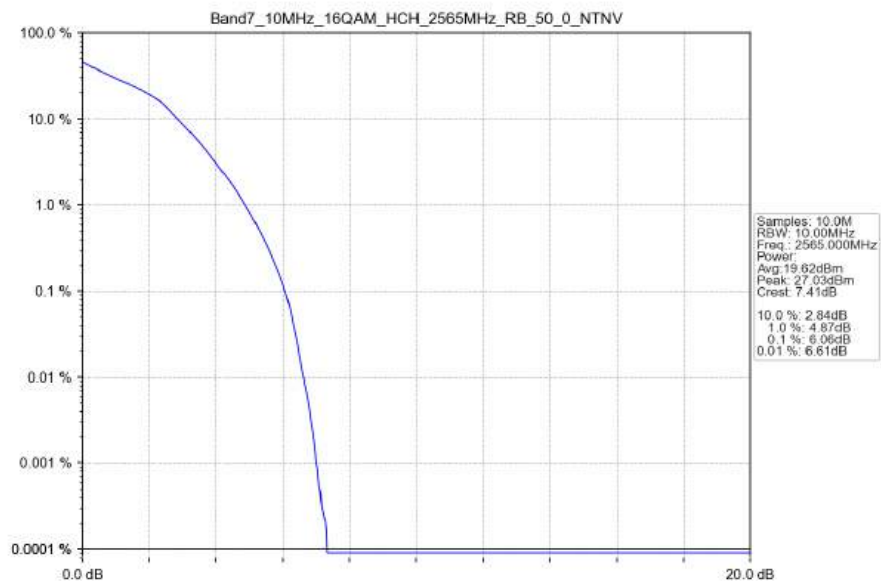
Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



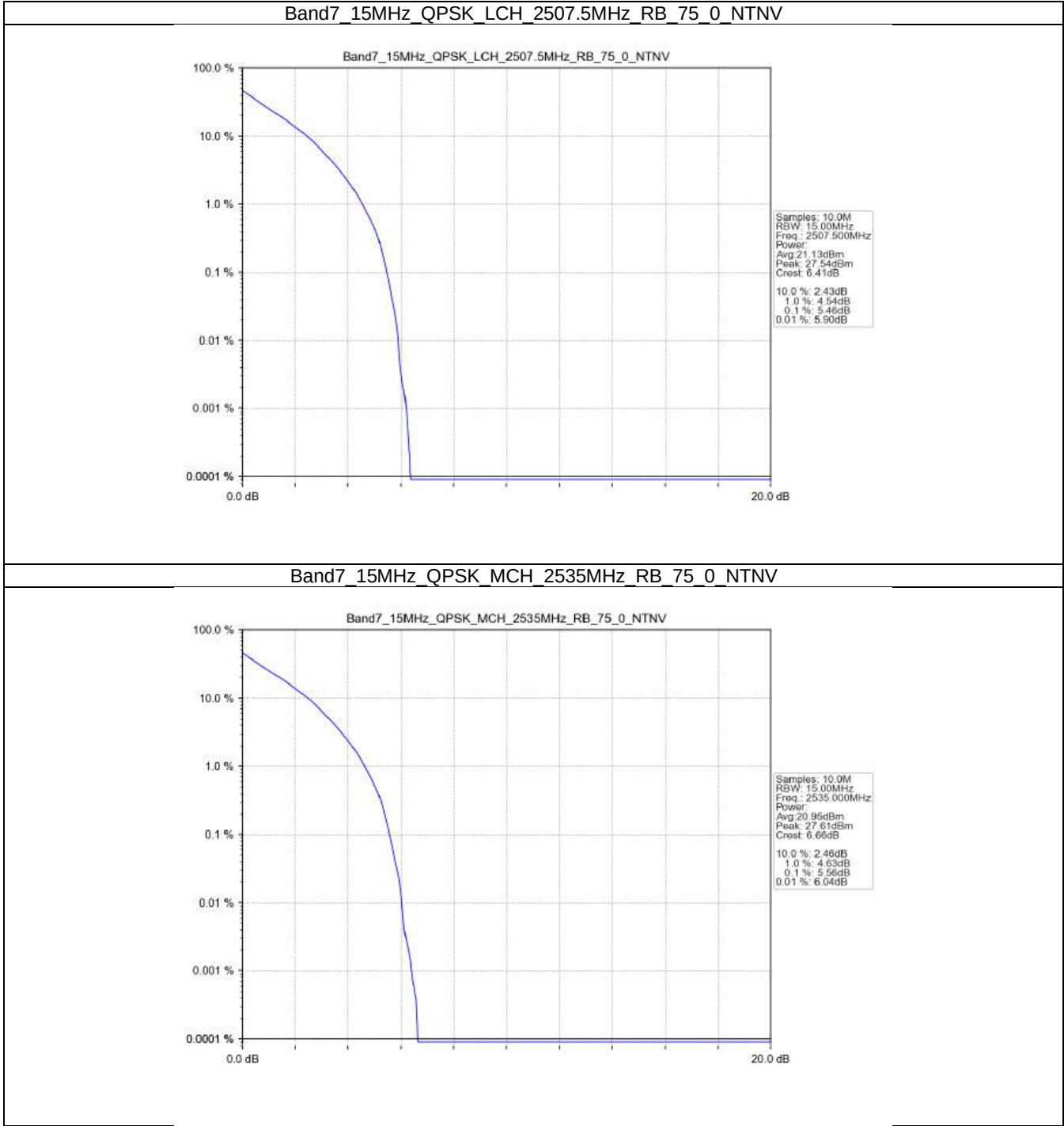
Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



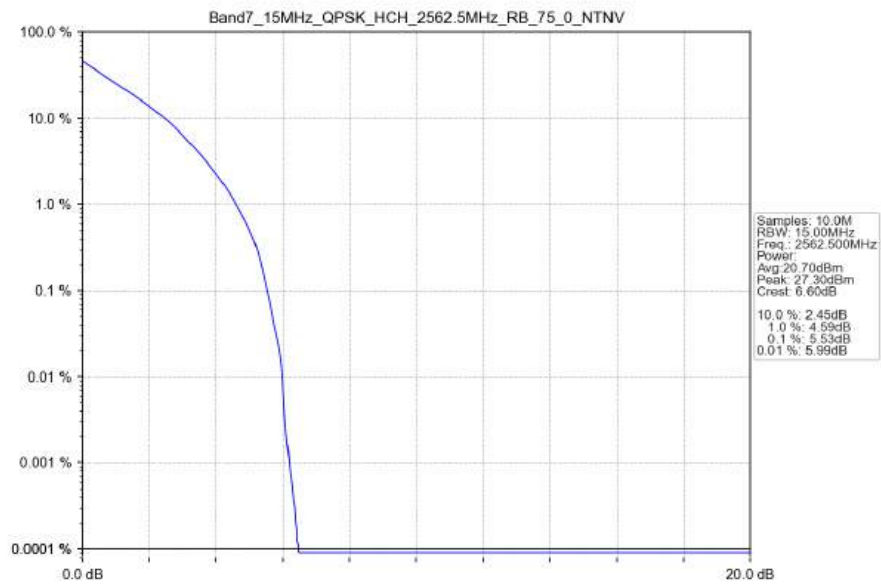
Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



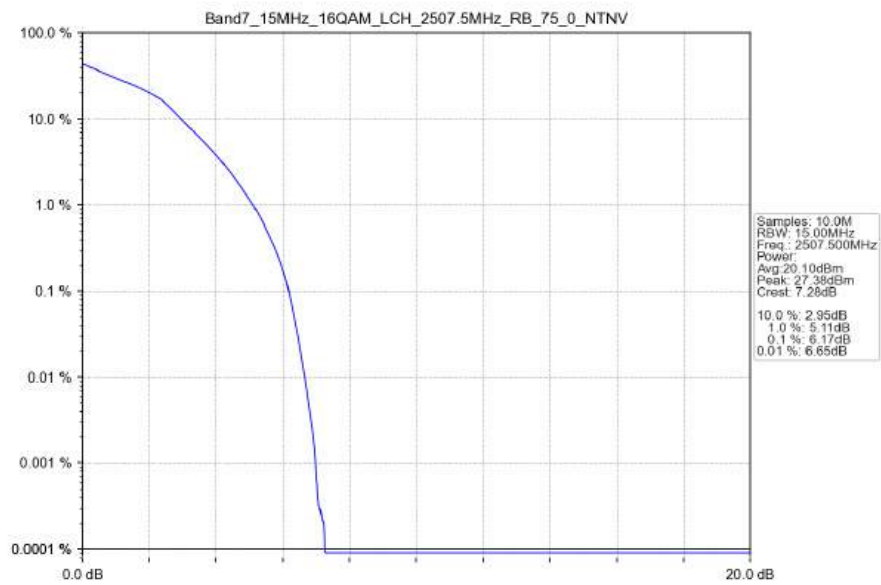
4.2.3 B7_15MHz



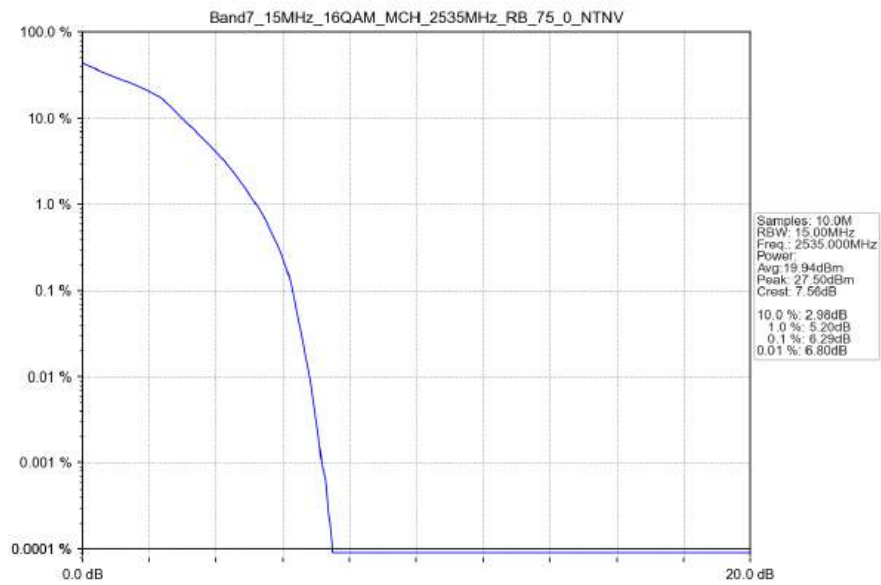
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTN



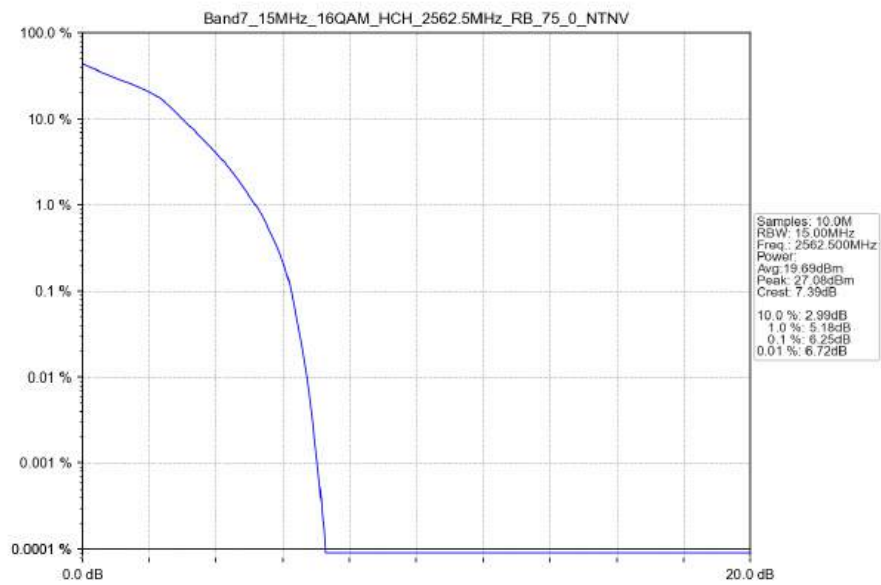
Band7 15MHz 16QAM LCH 2507.5MHz RB 75 0 NTN



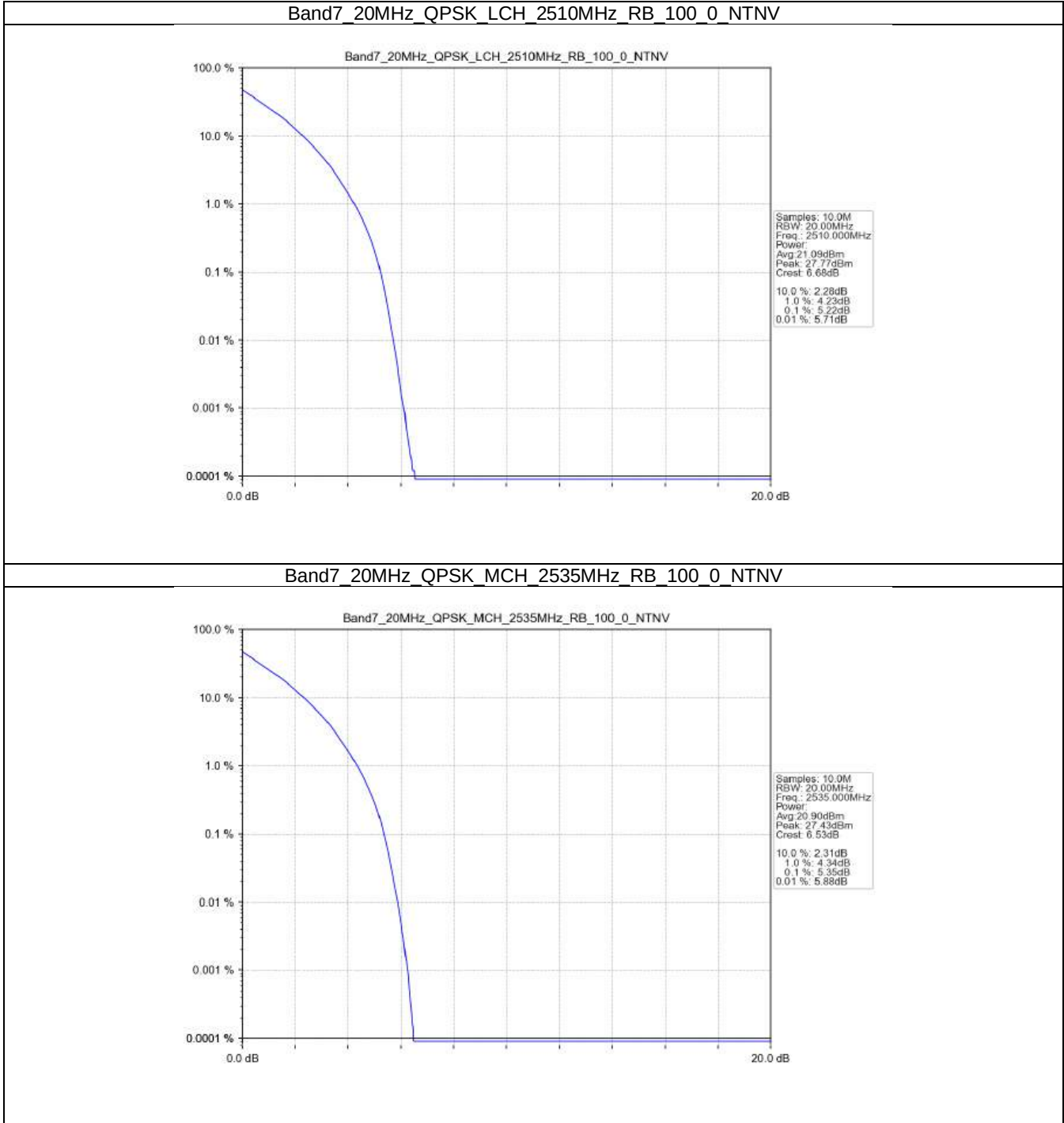
Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



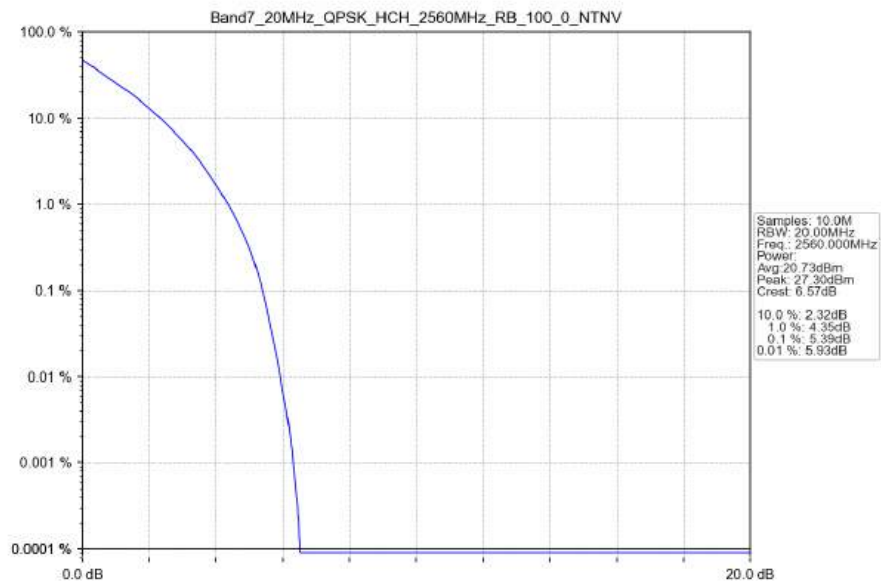
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



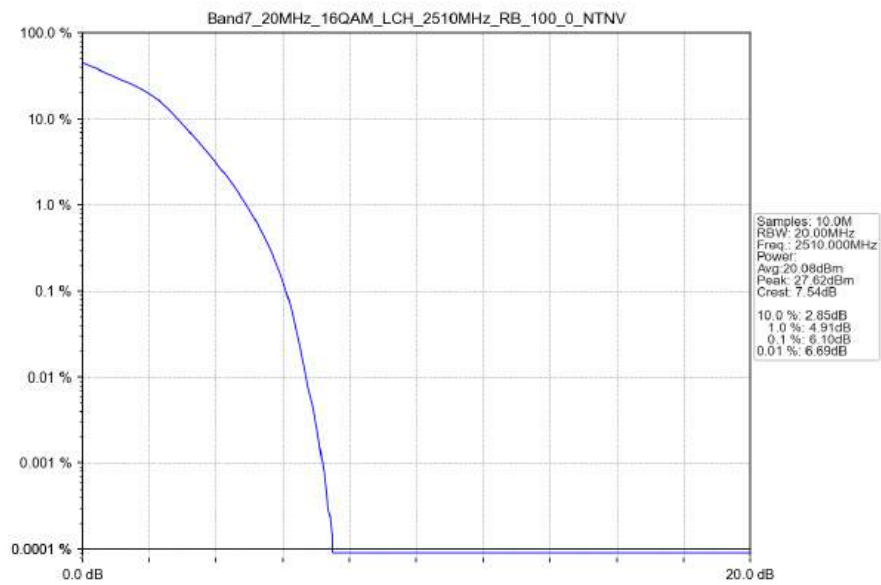
4.2.4 B7_20MHz



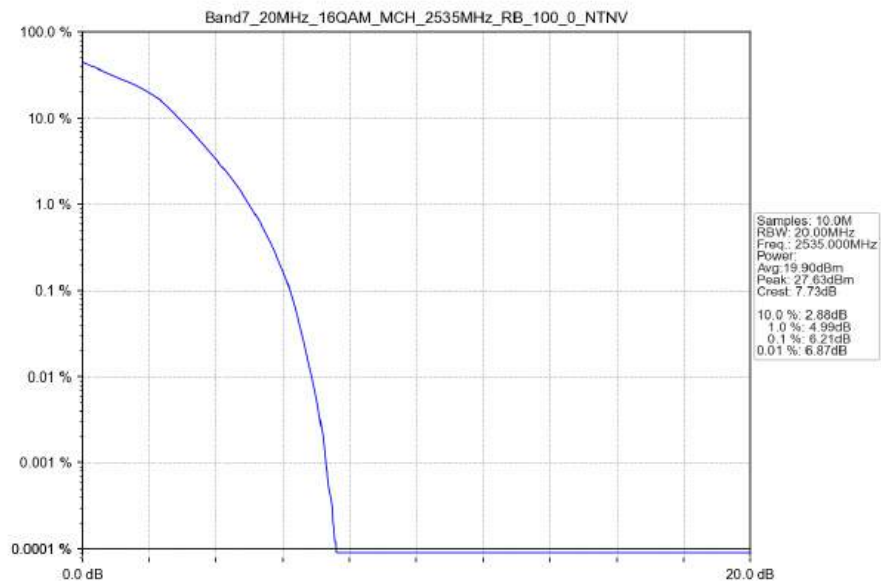
Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



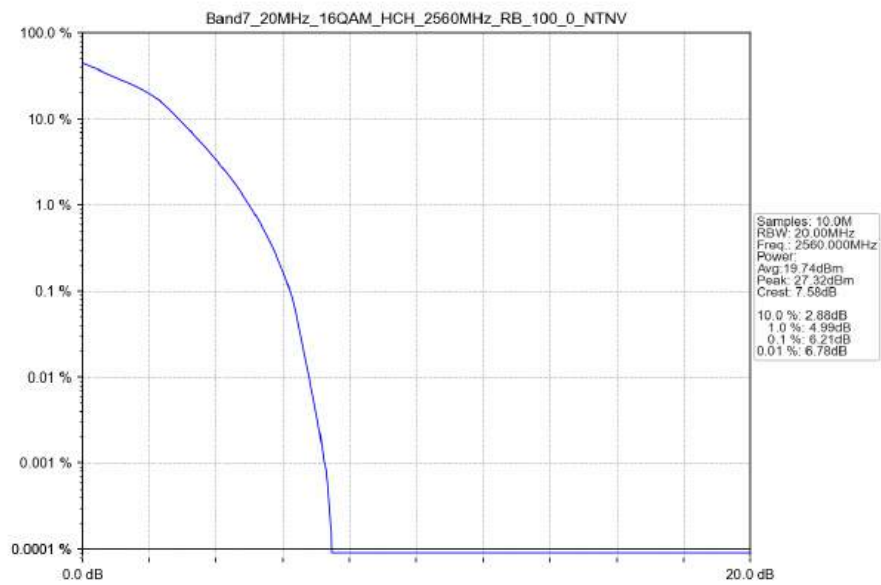
Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



5. Spurious Emission

5.1 Test Result

5.1.1 B7_5MHz

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
	25	0	Refer To Test Graph		Pass	
16QAM	2502.5	1	0	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2567.5	1	0	Refer To Test Graph		Pass
			24	Refer To Test Graph		Pass
		25	0	Refer To Test Graph		Pass

5.1.2 B7_10MHz

Band: 7 / Bandwidth: 10MHz / NTVN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
16QAM	2505	1	0	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2565	1	0	Refer To Test Graph		Pass
			49	Refer To Test Graph		Pass
		50	0	Refer To Test Graph		Pass

5.1.3 B7_15MHz

Band: 7 / Bandwidth: 15MHz / NTV						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	1	0	Refer To Test Graph		Pass
		75	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2562.5	1	0	Refer To Test Graph		Pass
			74	Refer To Test Graph		Pass

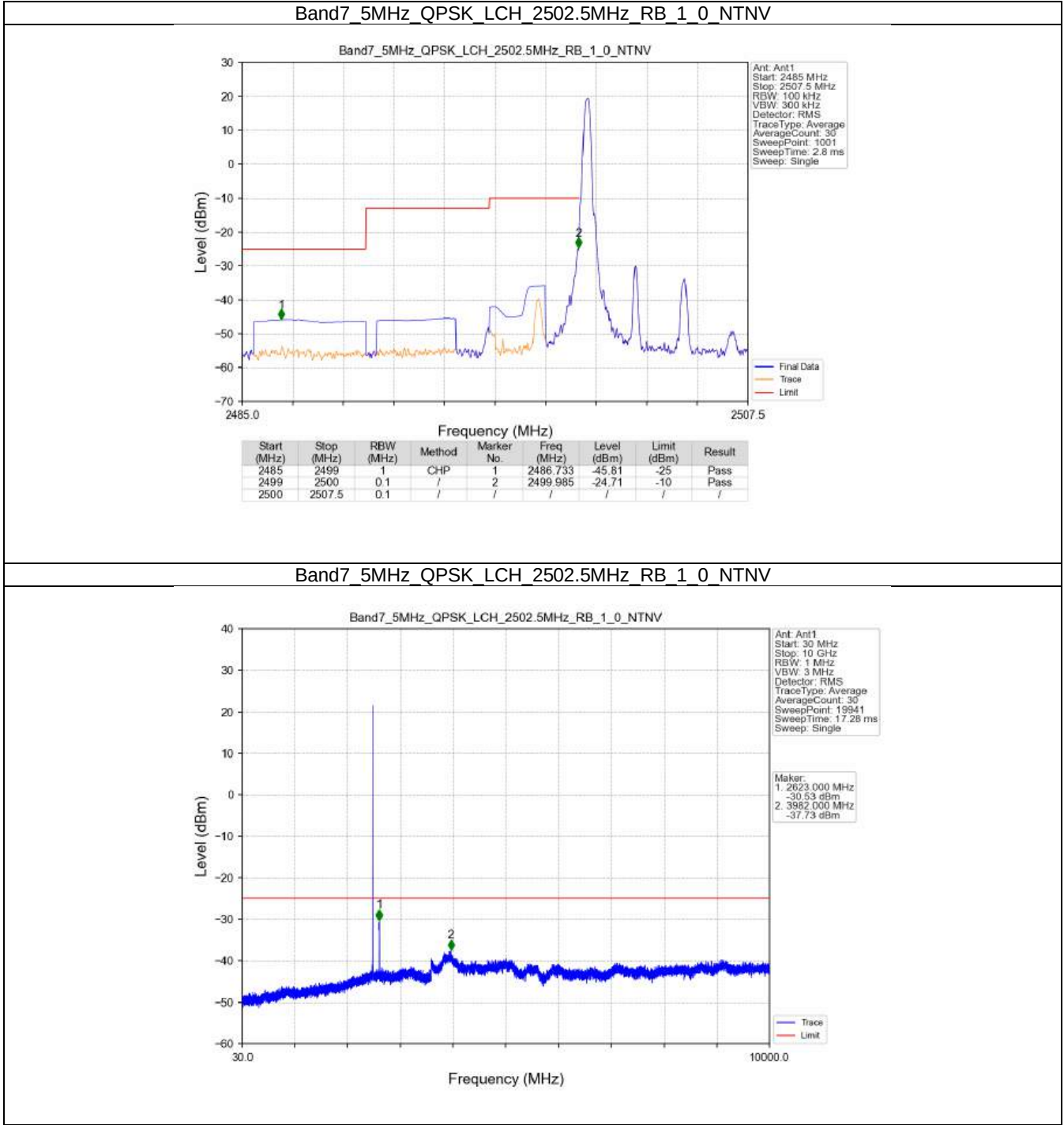
		75	0	Refer To Test Graph	Pass
16QAM	2507.5	1	0	Refer To Test Graph	Pass
		75	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
	2535	1	0	Refer To Test Graph	Pass
		1	0	Refer To Test Graph	Pass
		74	0	Refer To Test Graph	Pass
	2562.5	75	0	Refer To Test Graph	Pass

5.1.4 B7_20MHz

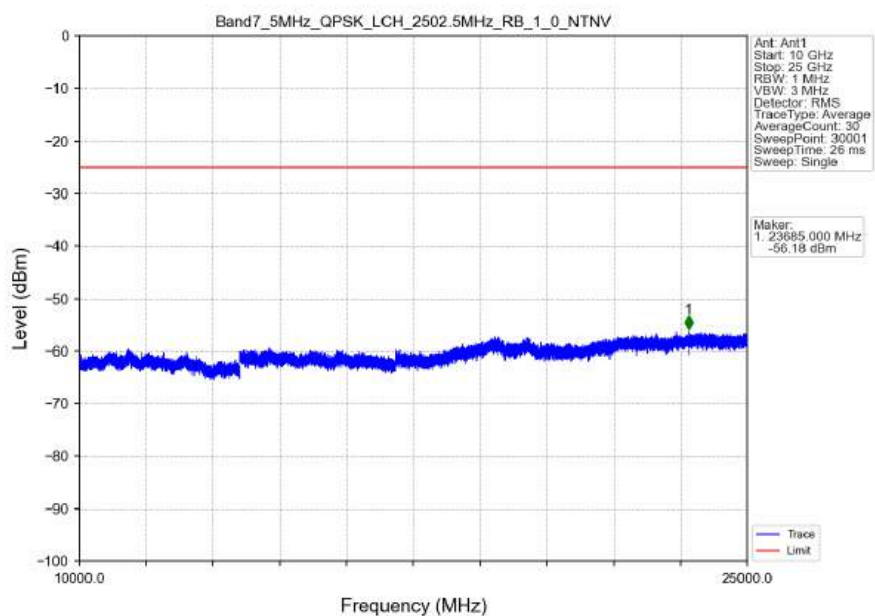
Band: 7 / Bandwidth: 20MHz / NTN						
Modulation	Frequency (MHz)	RB Allocation		Spurious Emission		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
16QAM	2510	1	0	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass
	2535	1	0	Refer To Test Graph		Pass
	2560	1	0	Refer To Test Graph		Pass
			99	Refer To Test Graph		Pass
		100	0	Refer To Test Graph		Pass

5.2 Test Graph

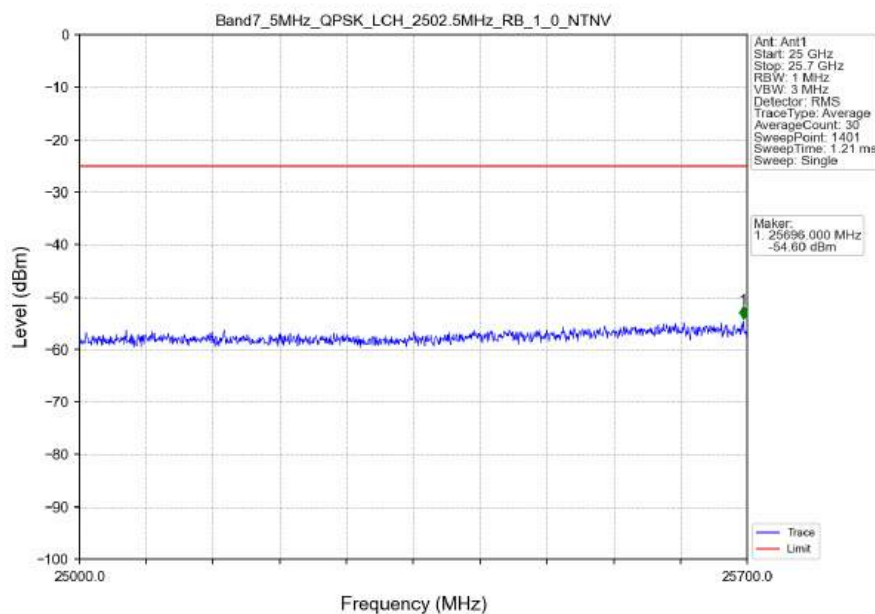
5.2.1 B7_5MHz



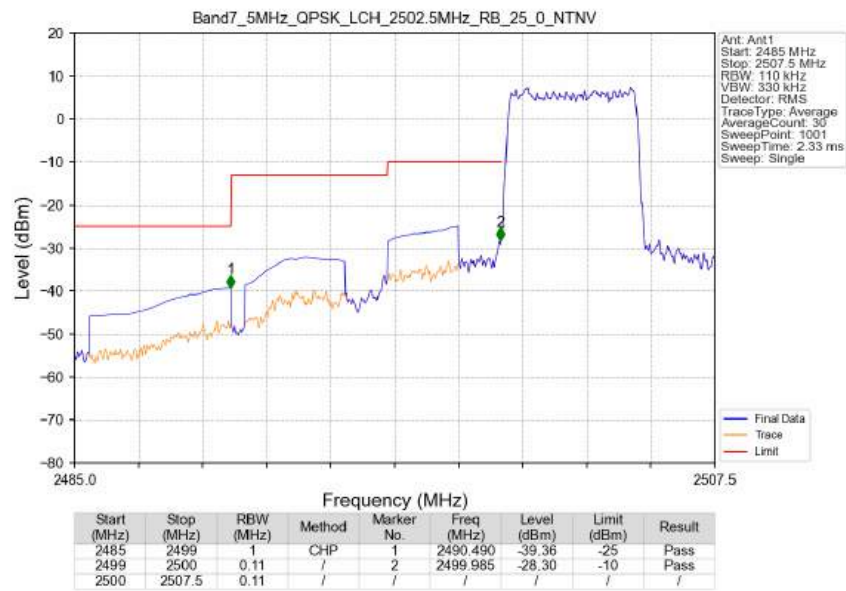
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



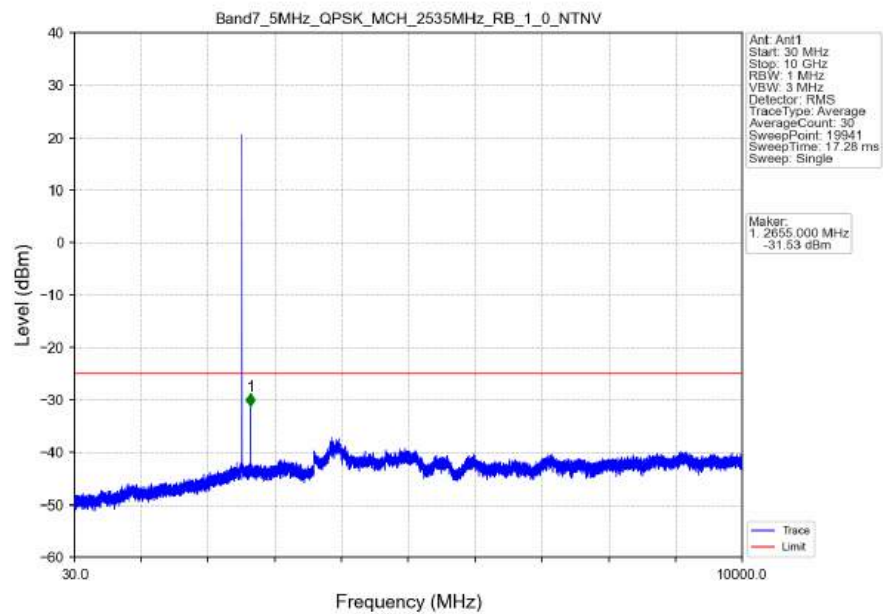
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



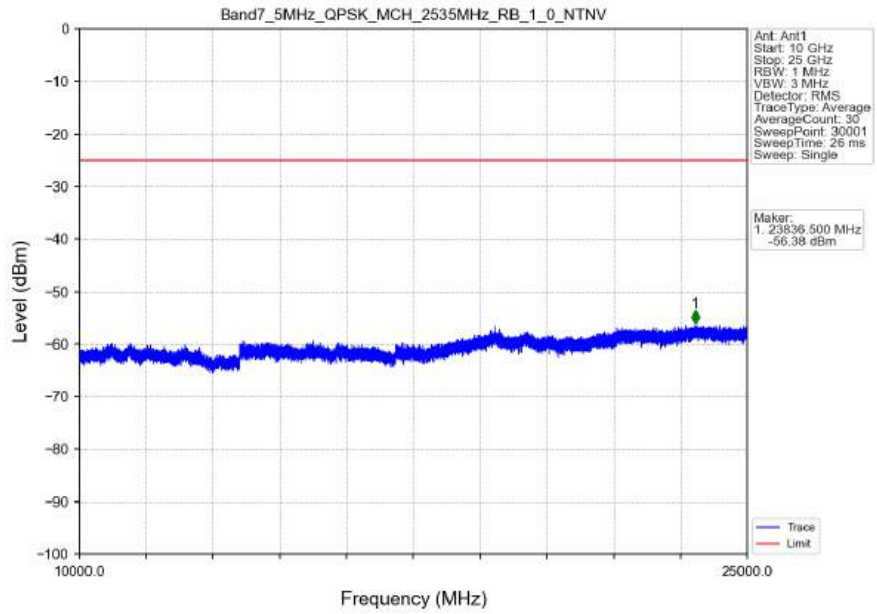
Band7_5MHz_QPSK_LCH_2502.5MHz_RB_25_0_NTNV



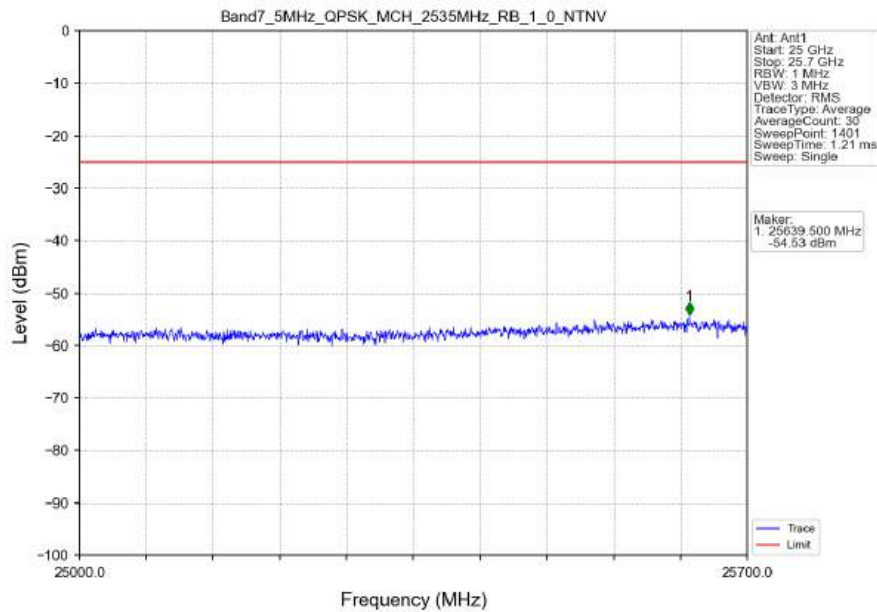
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



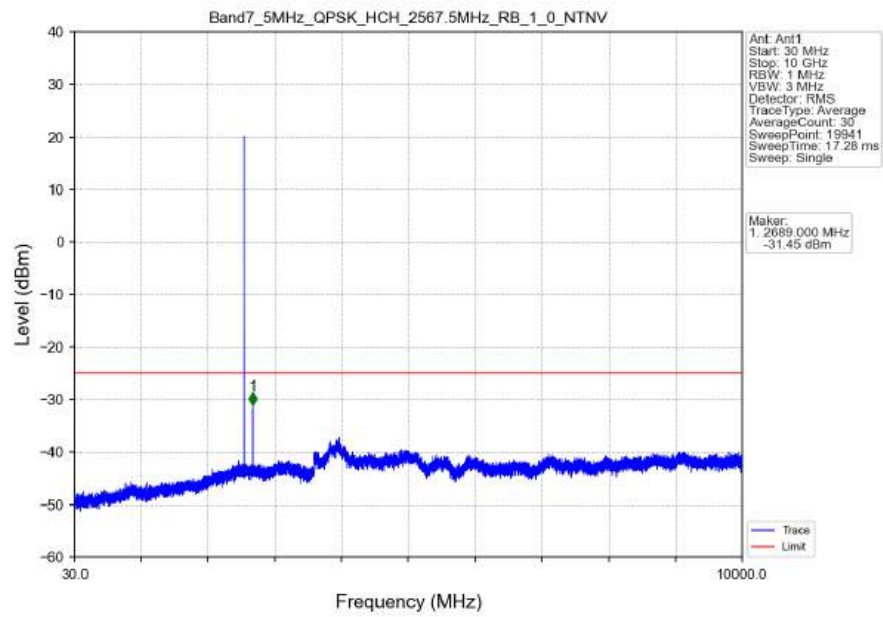
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



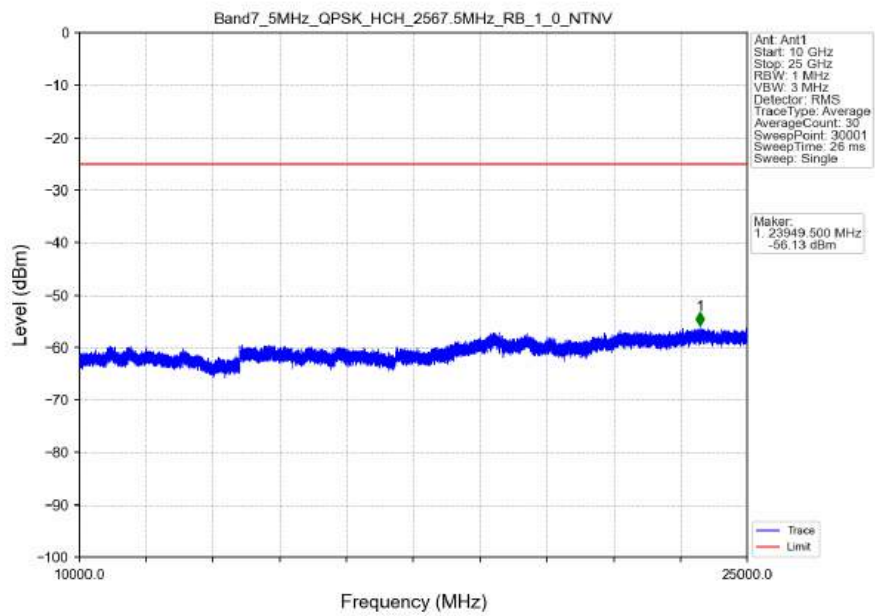
Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



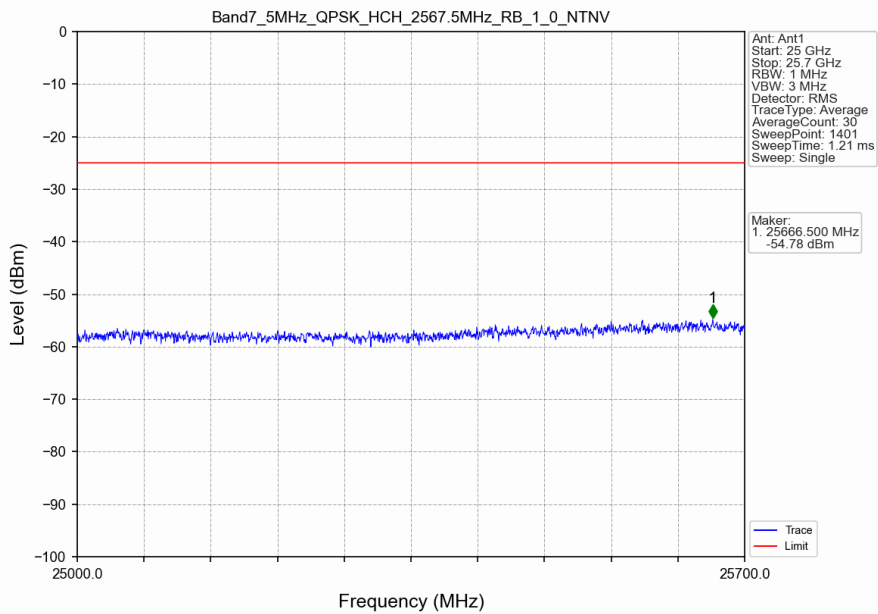
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



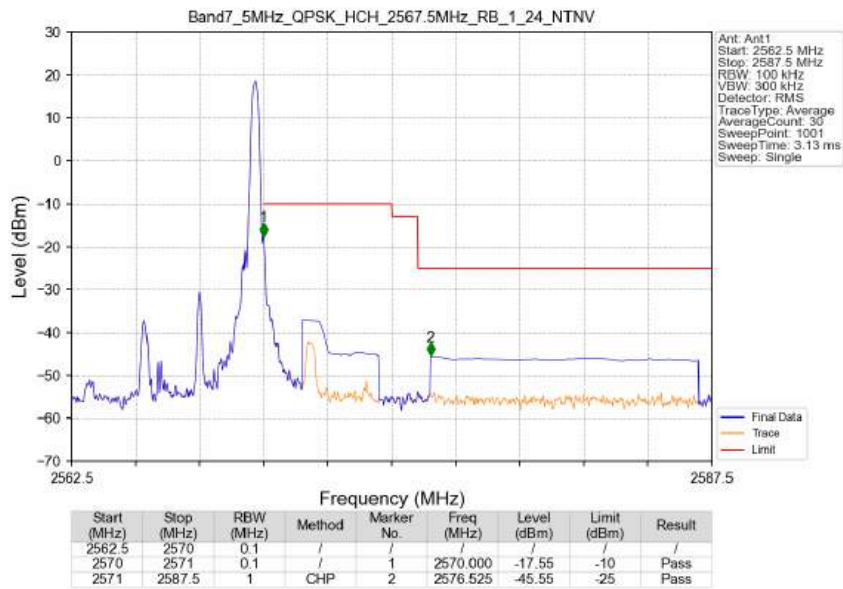
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



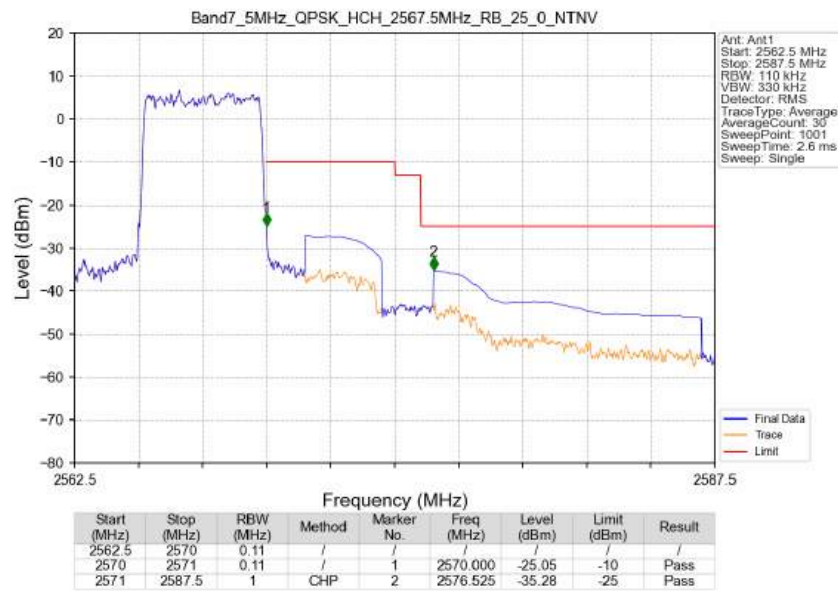
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



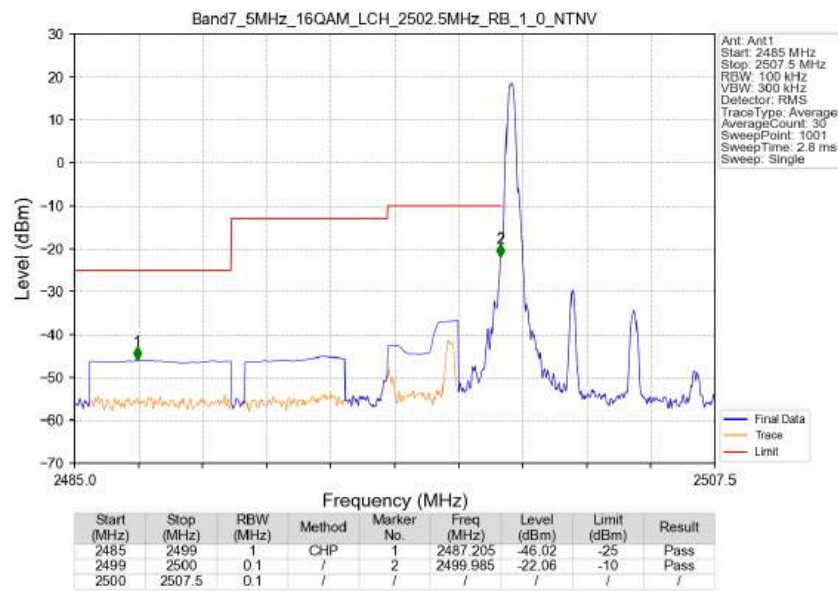
Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



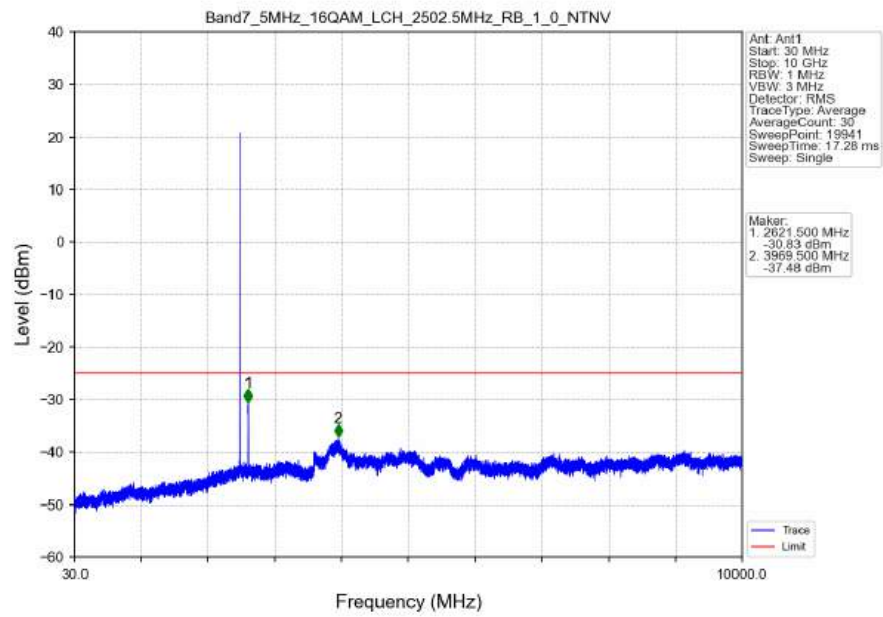
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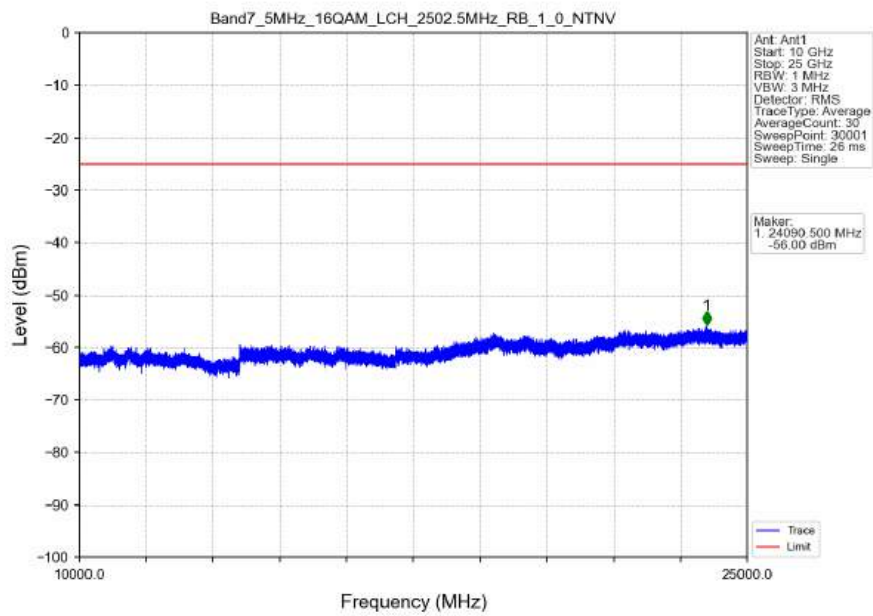
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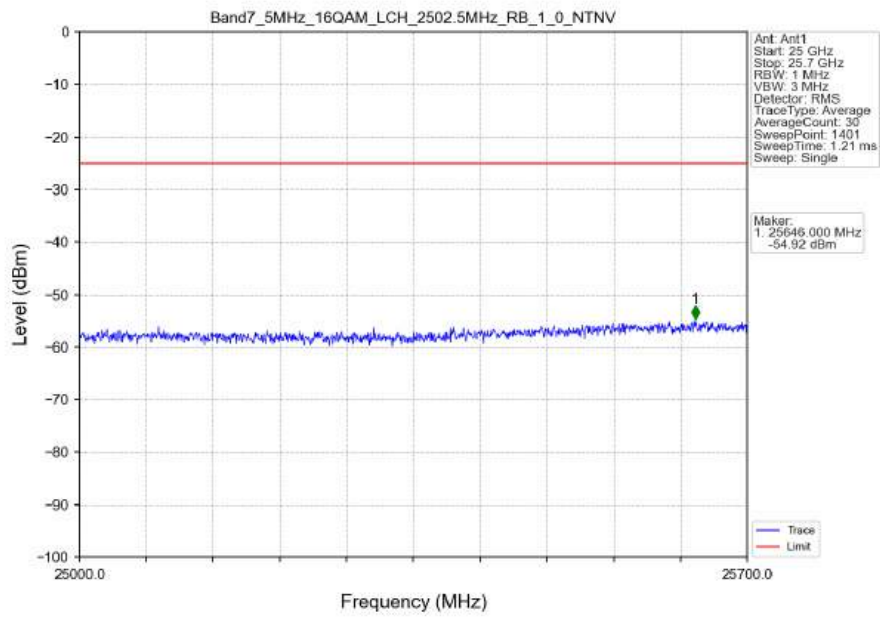
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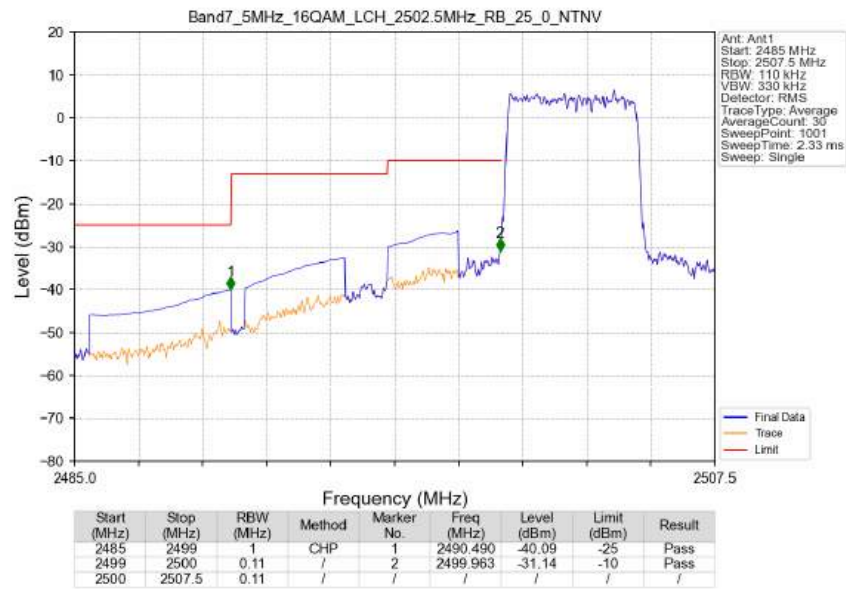
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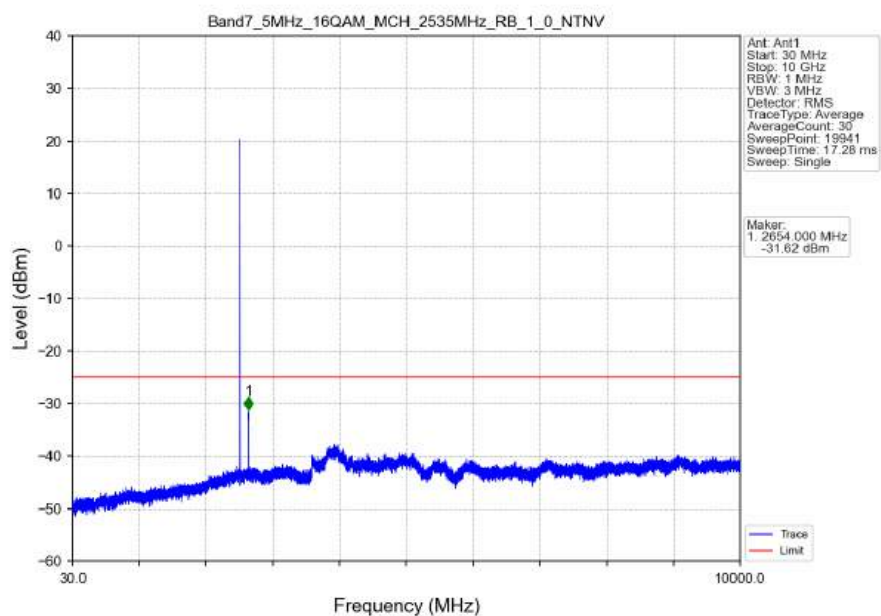
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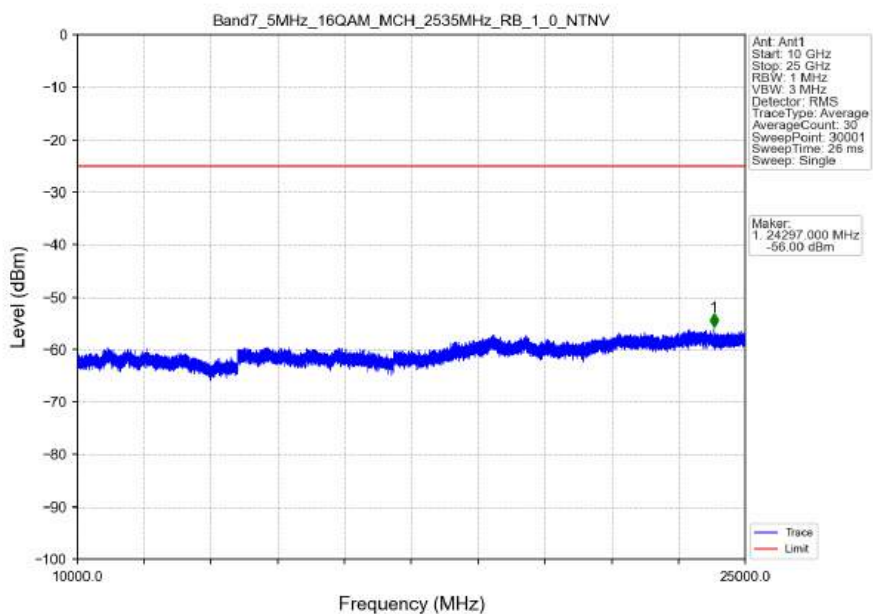
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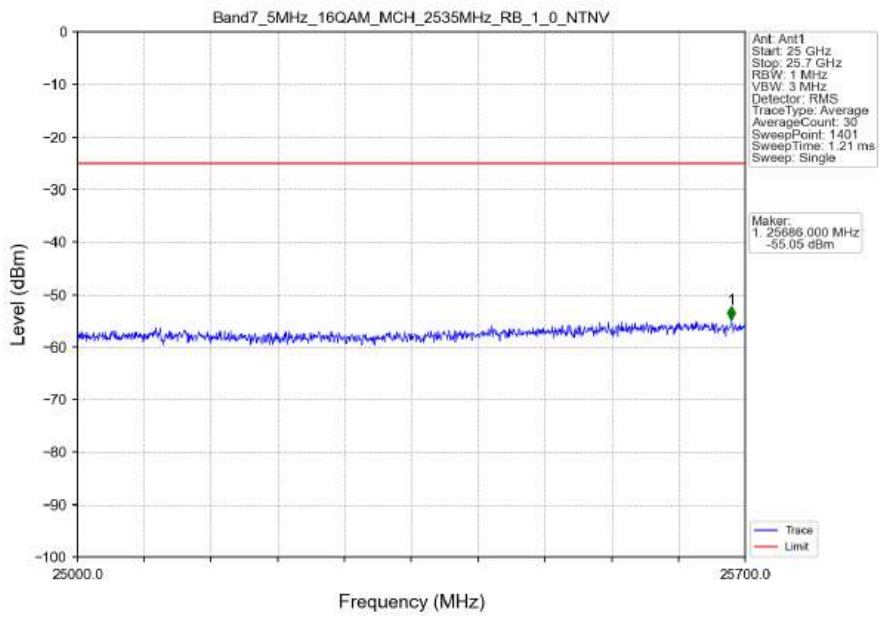
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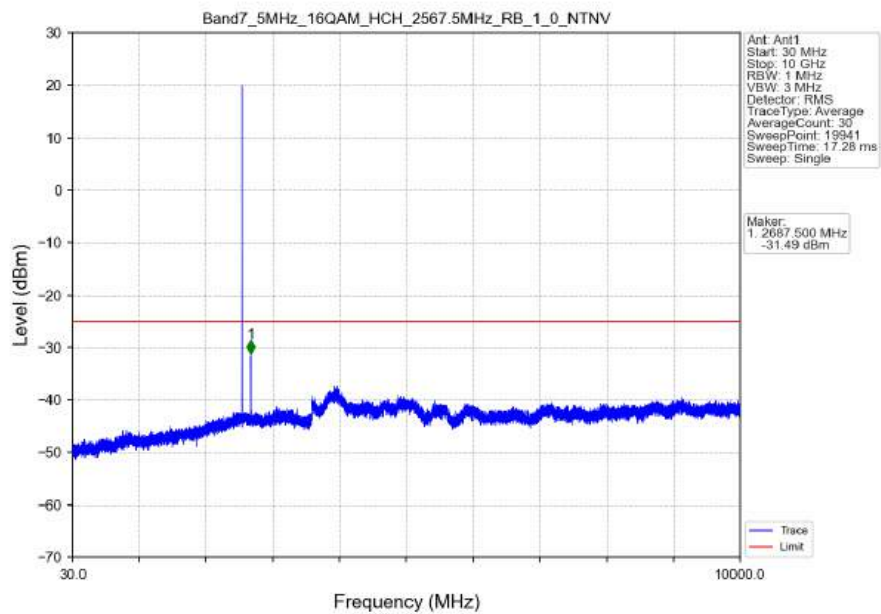
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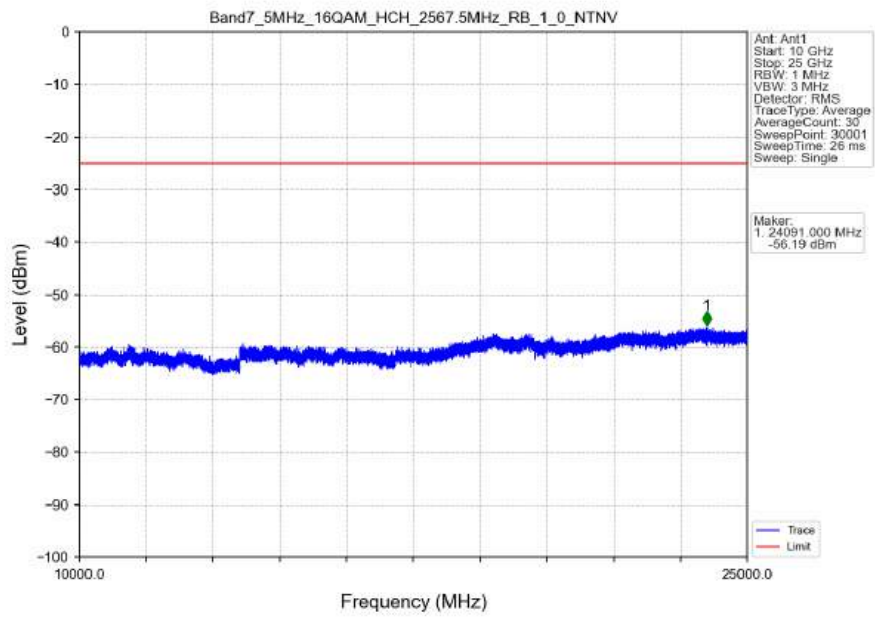
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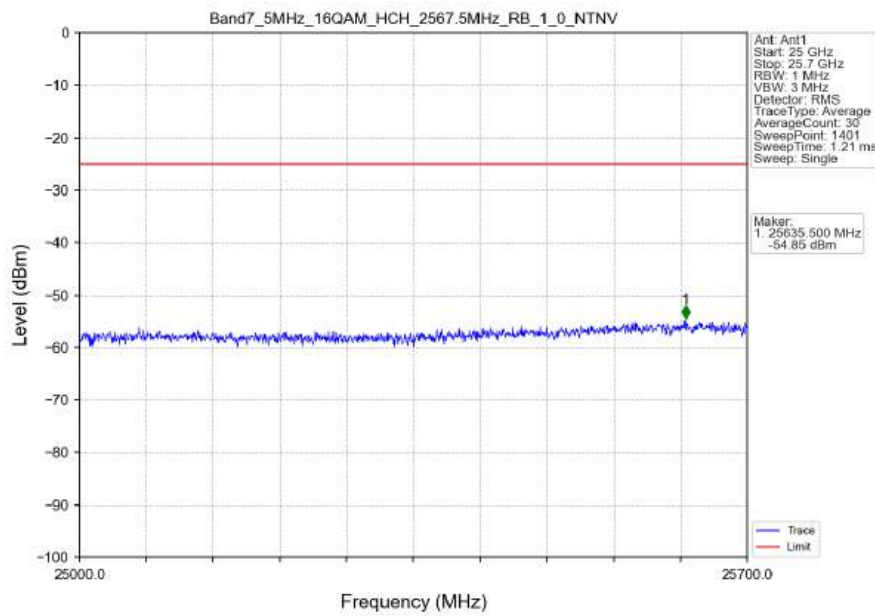
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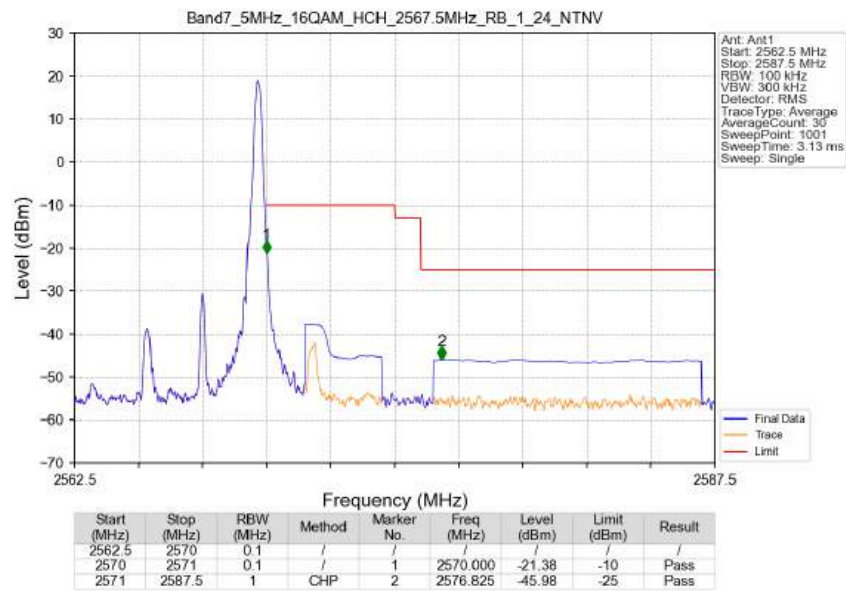
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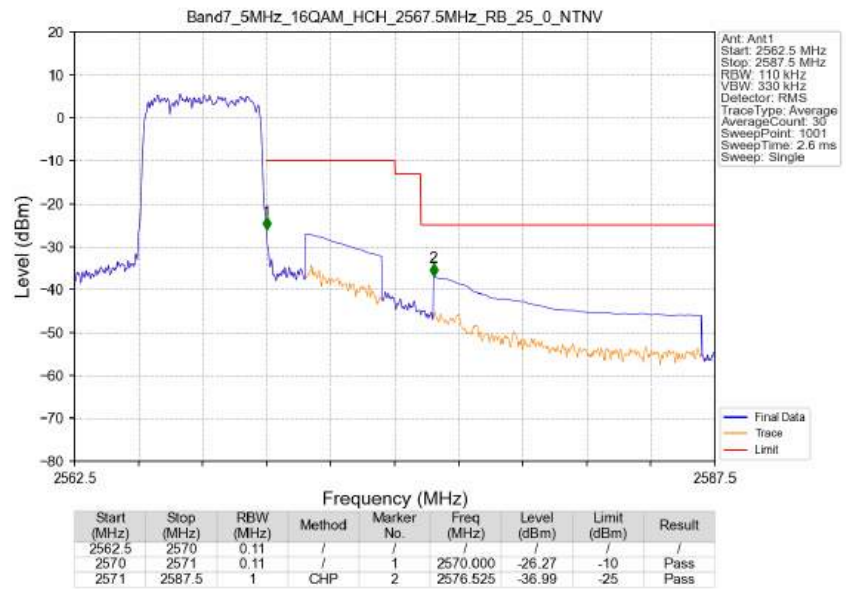
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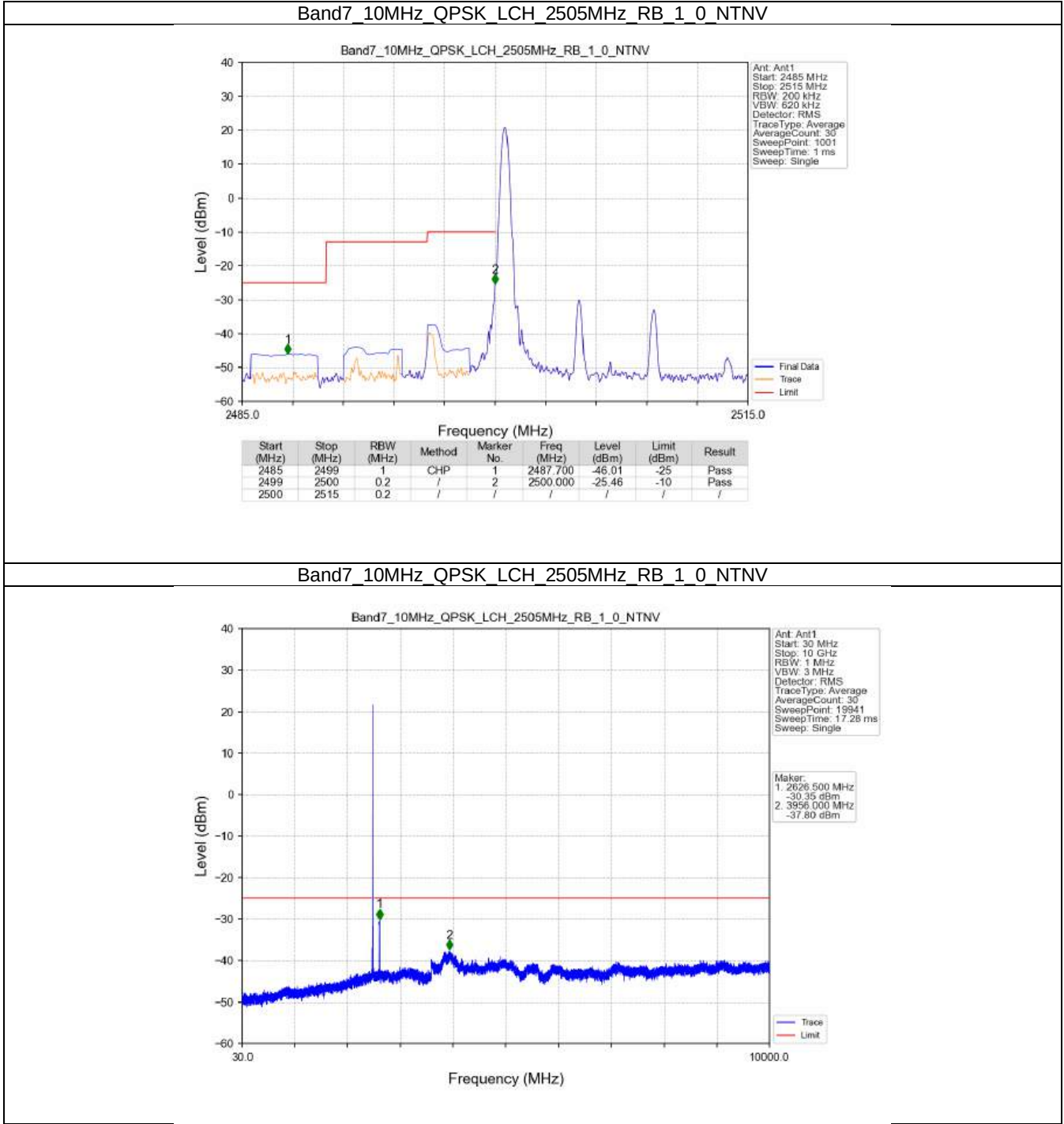
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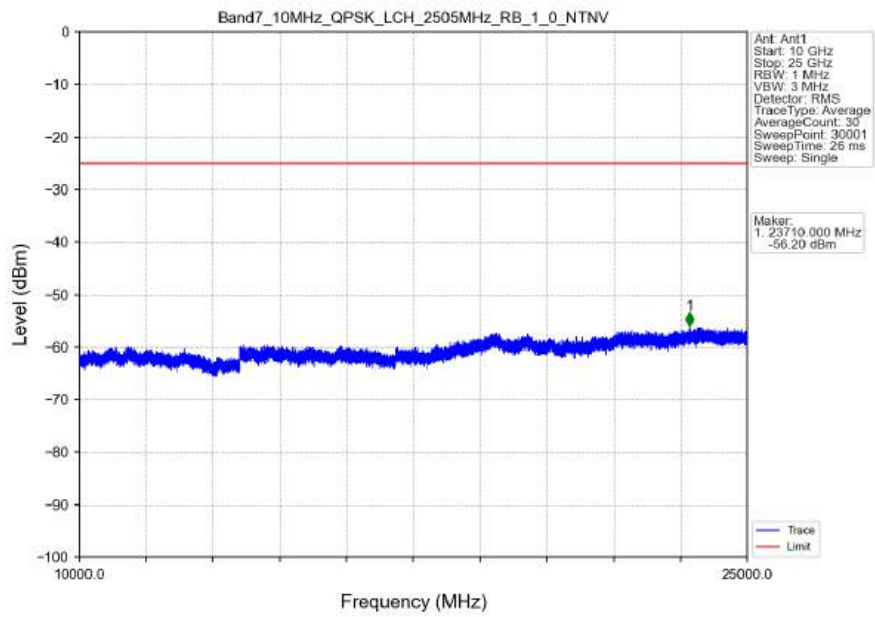
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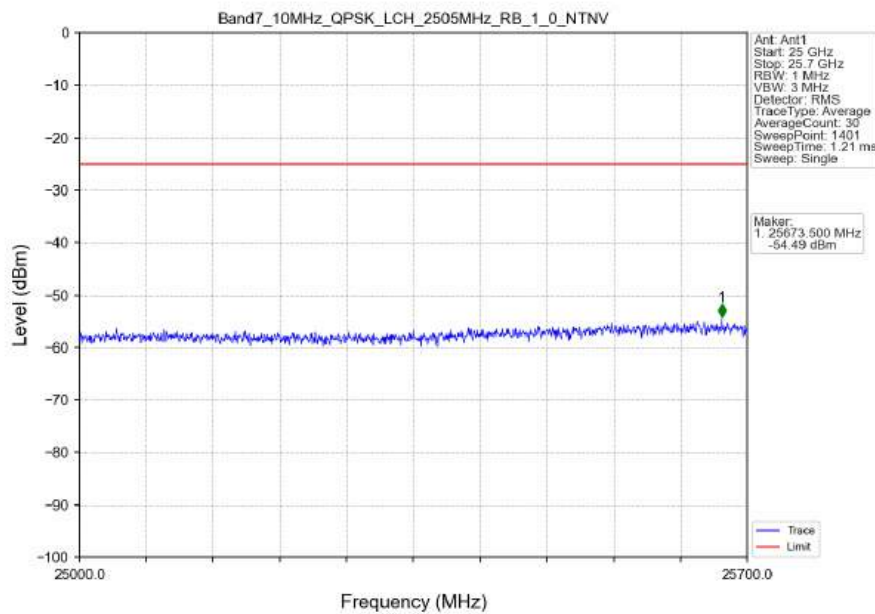
5.2.2 B7_10MHz



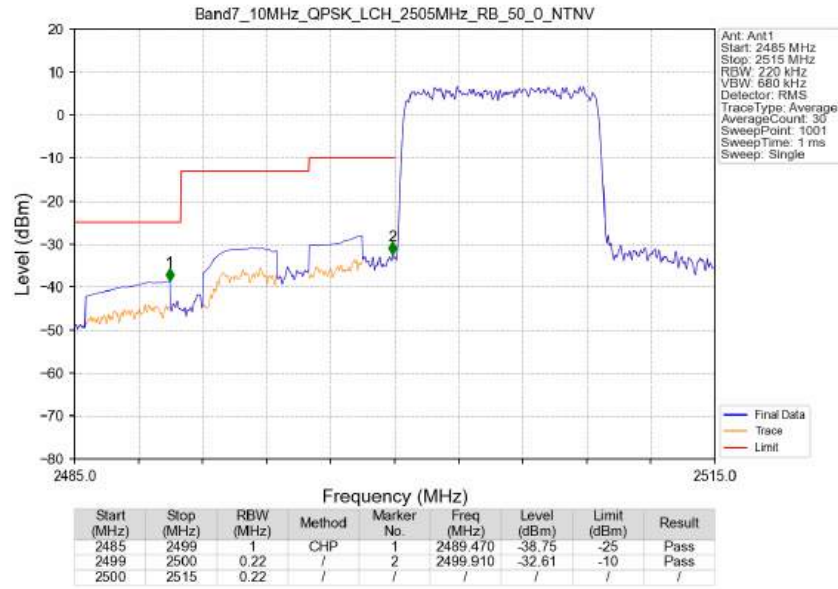
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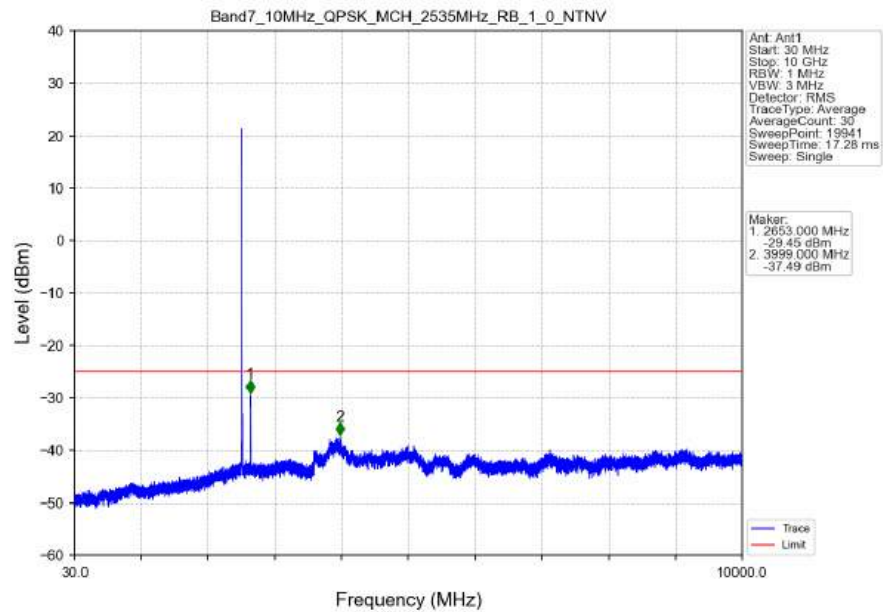
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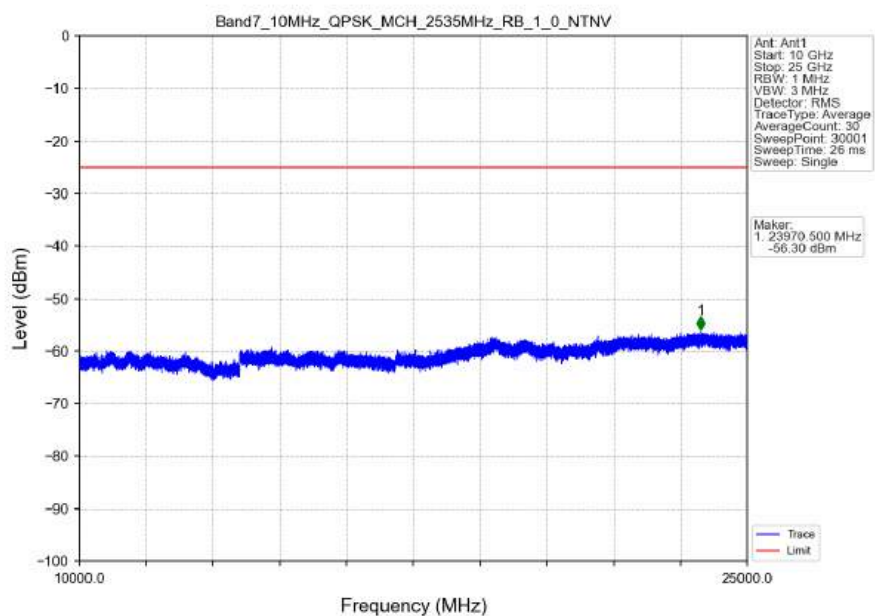
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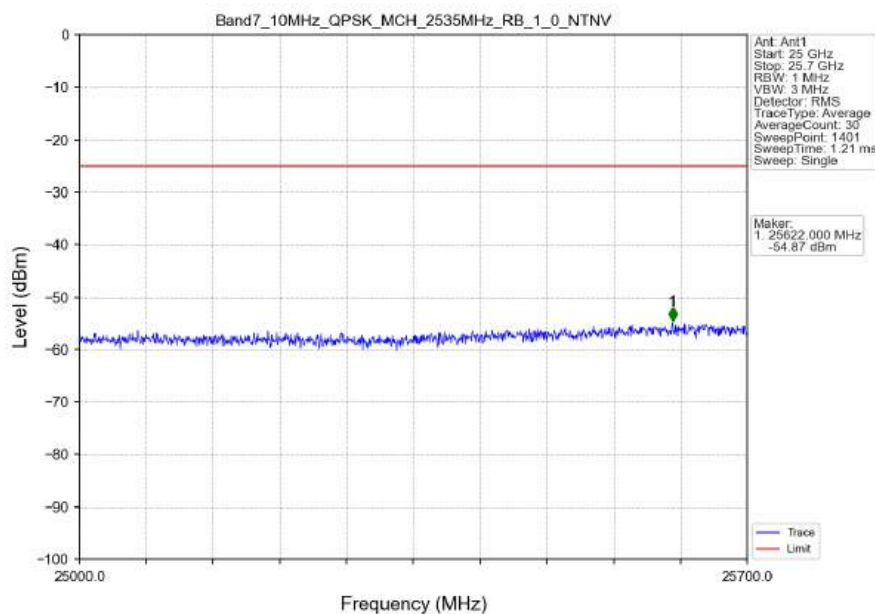
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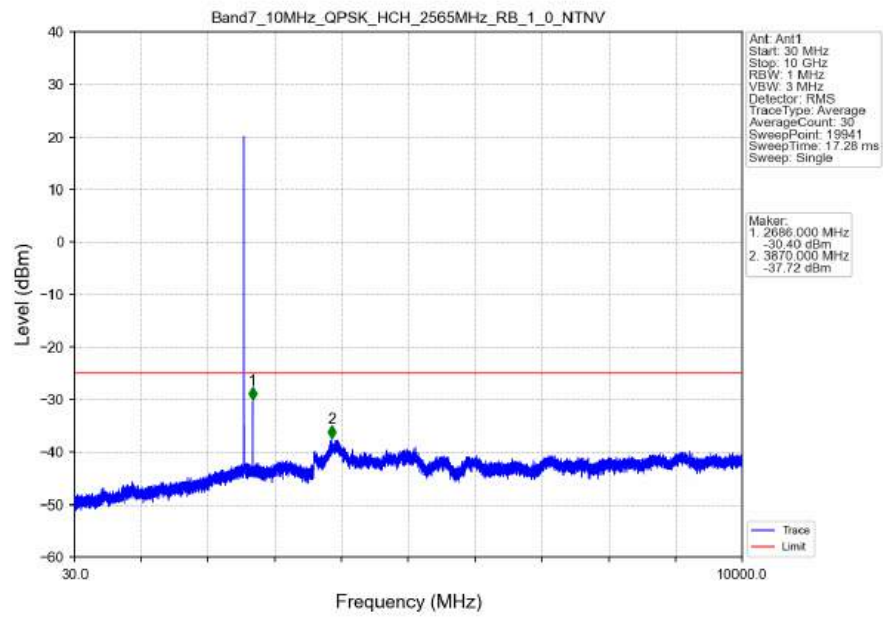
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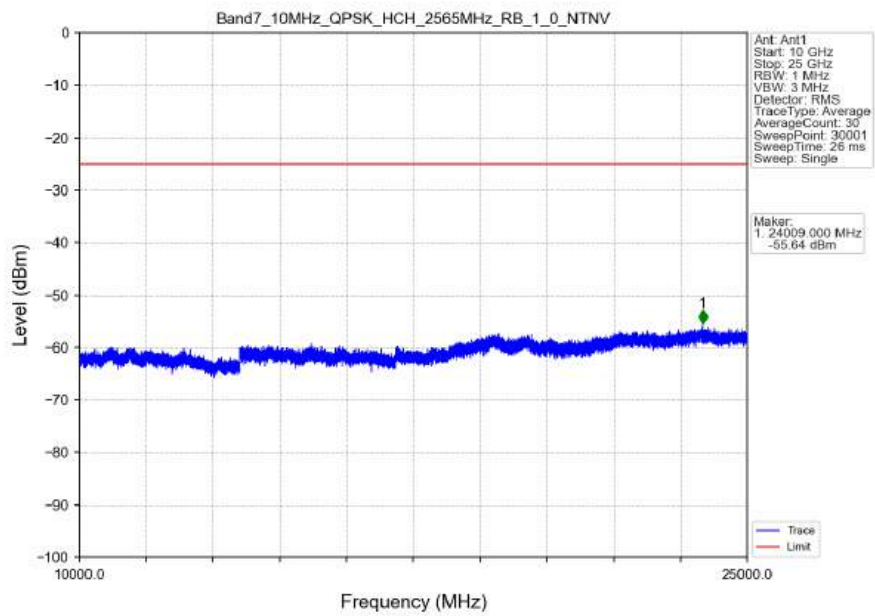
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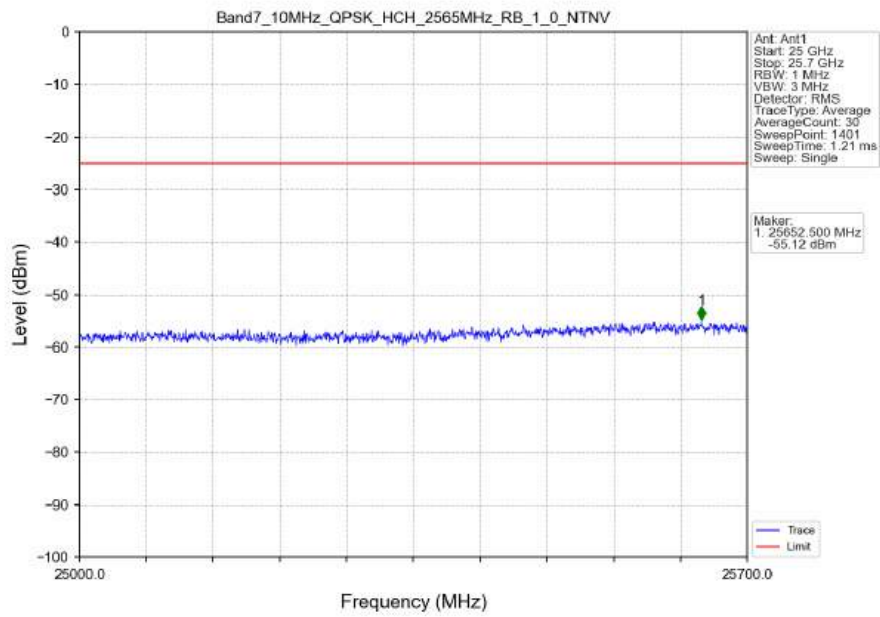
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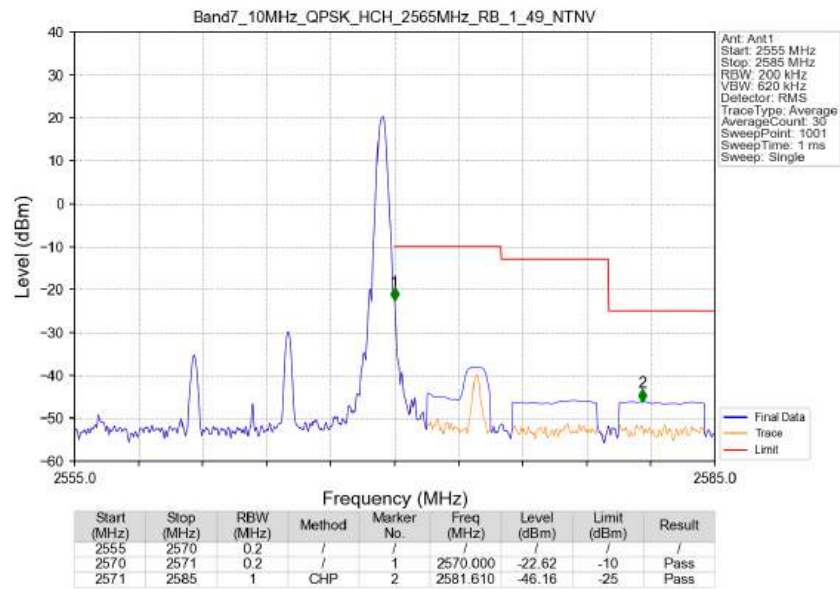
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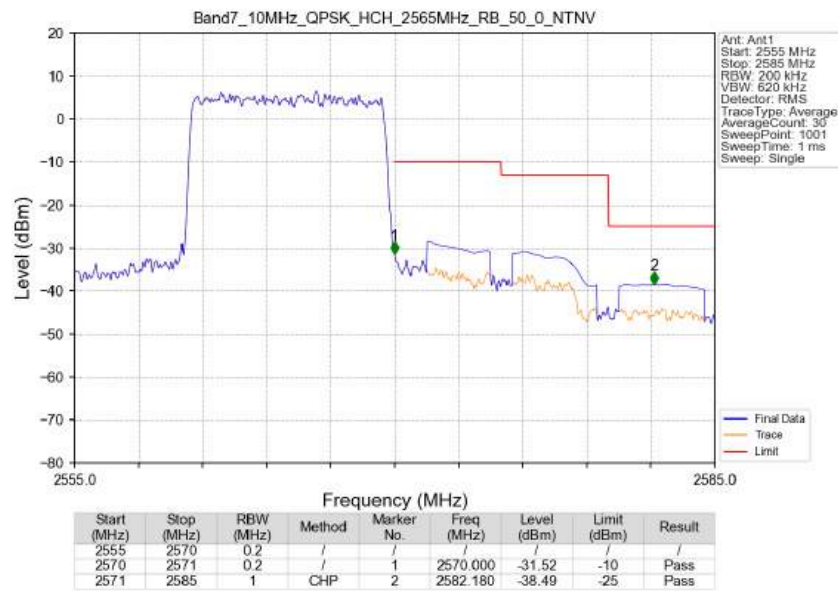
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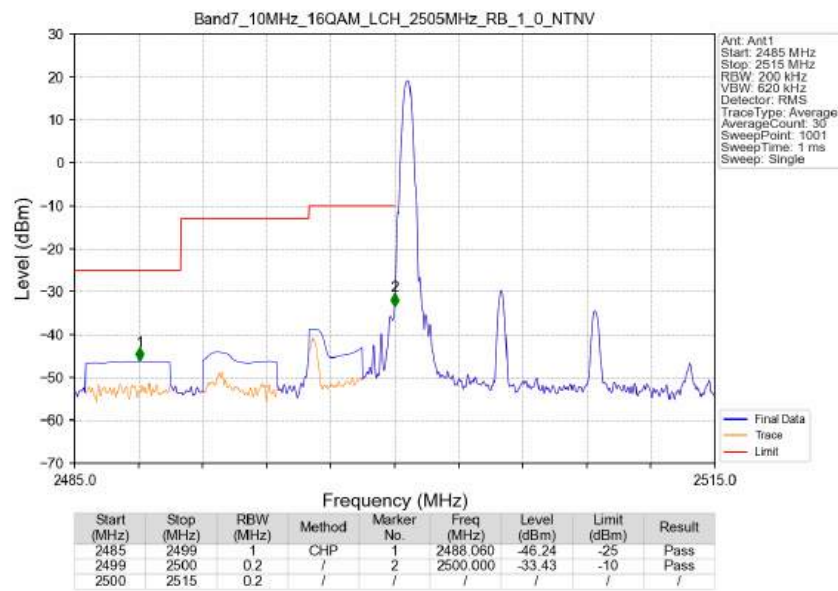
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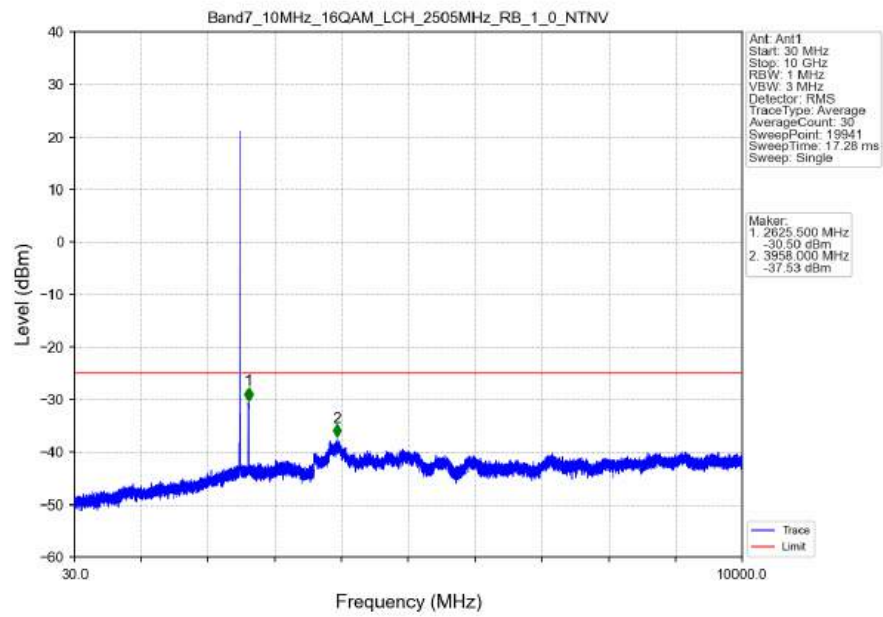
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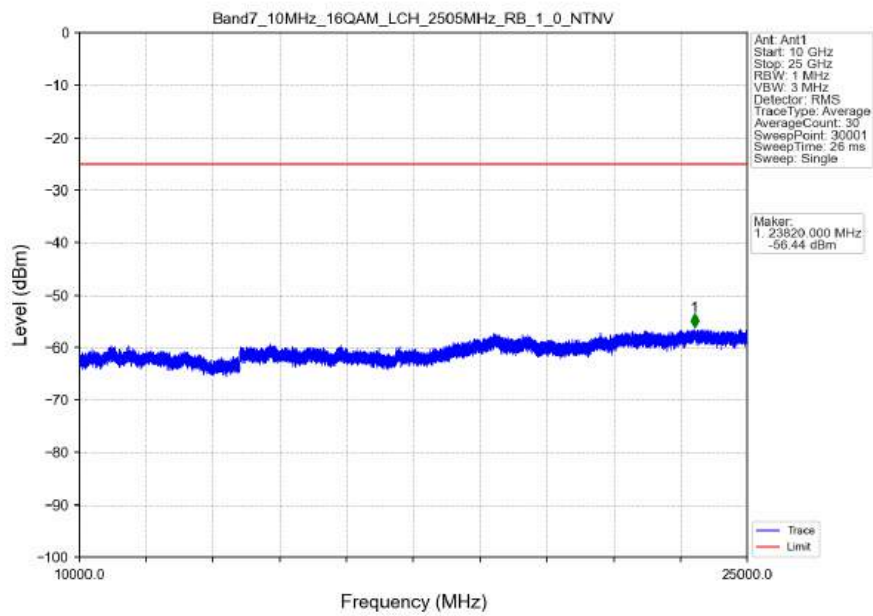
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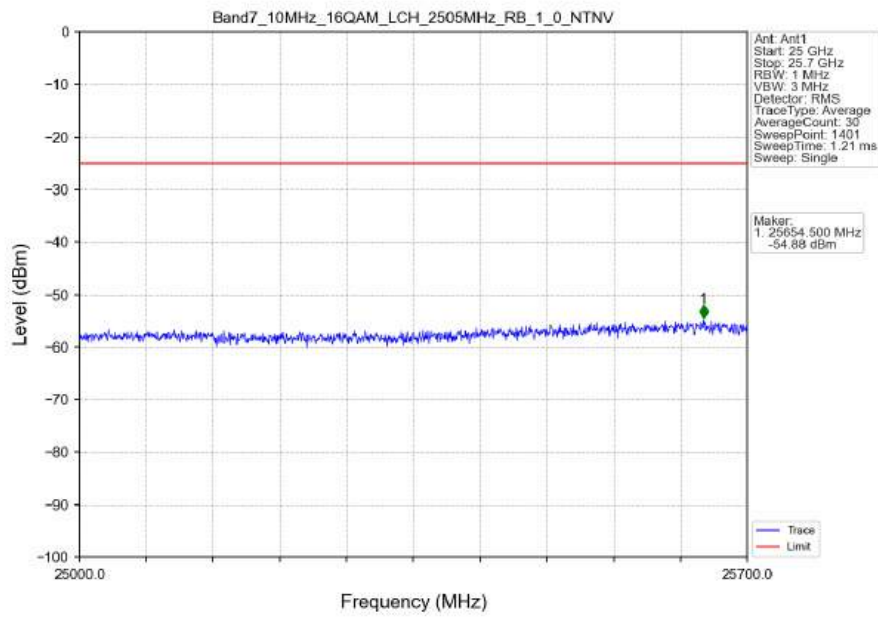
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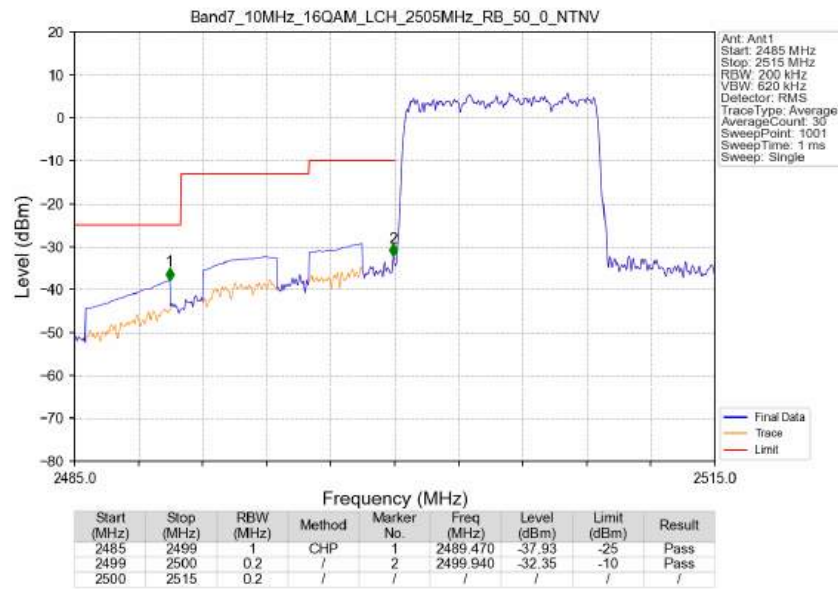
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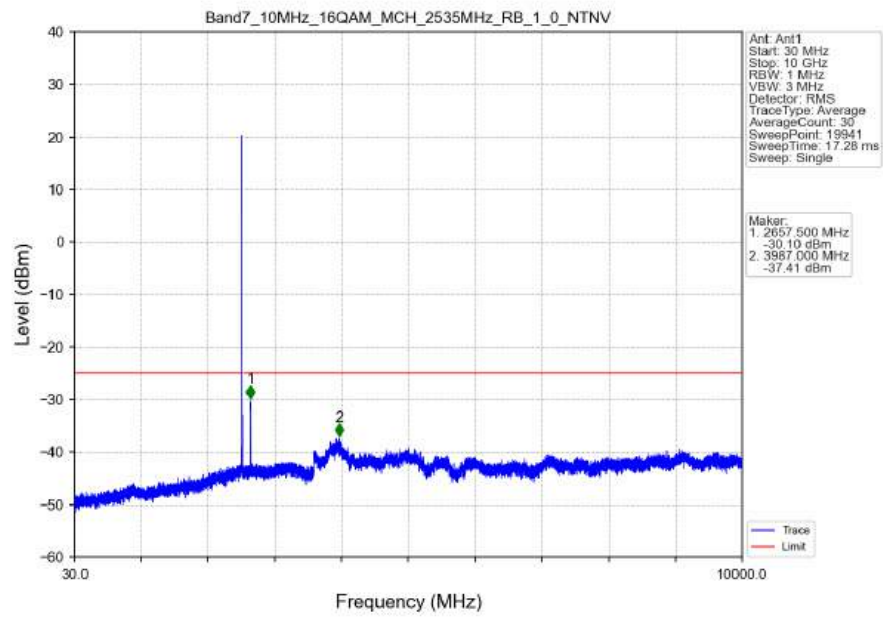
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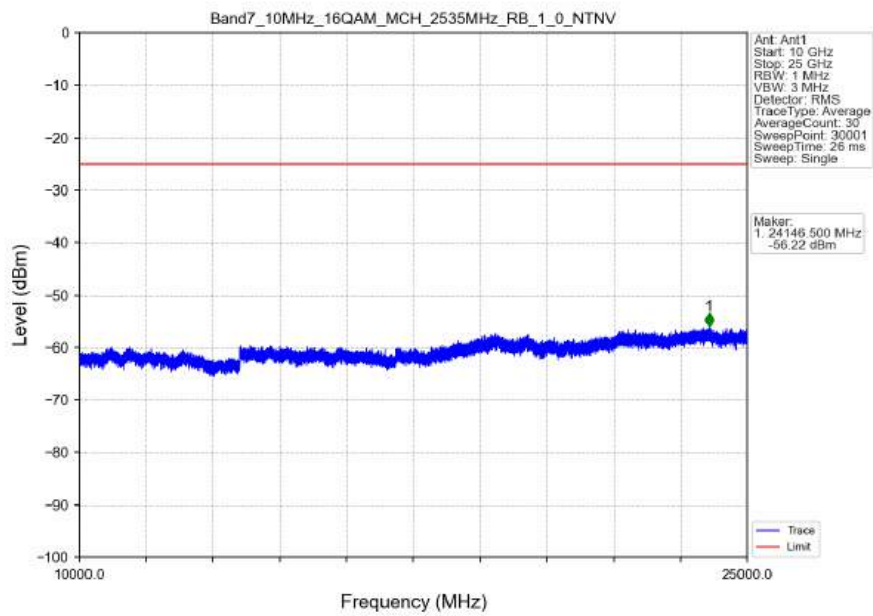
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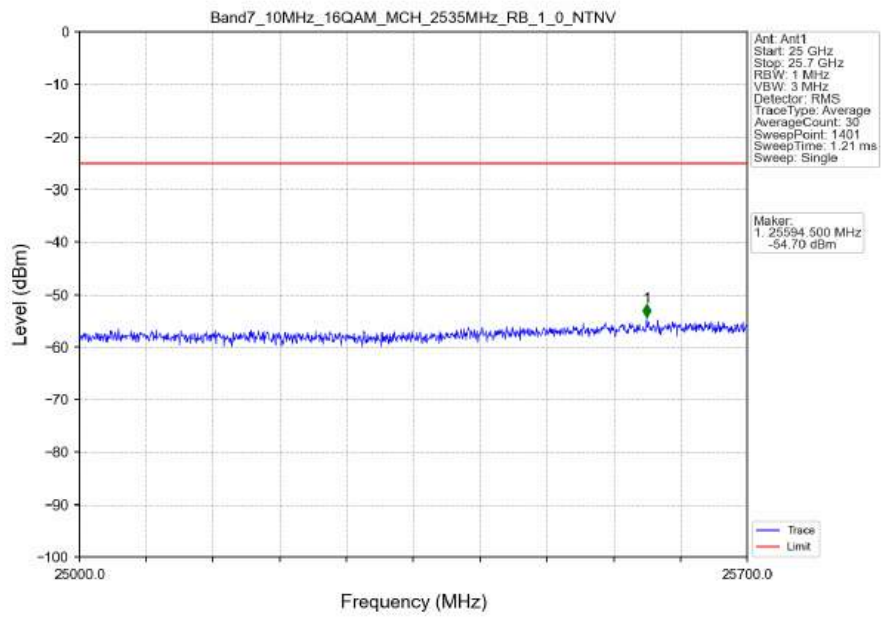
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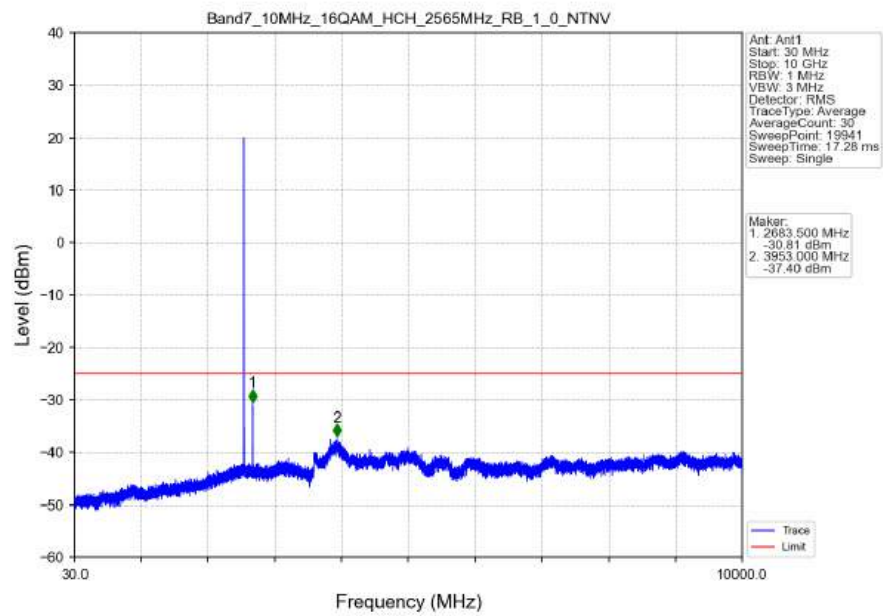
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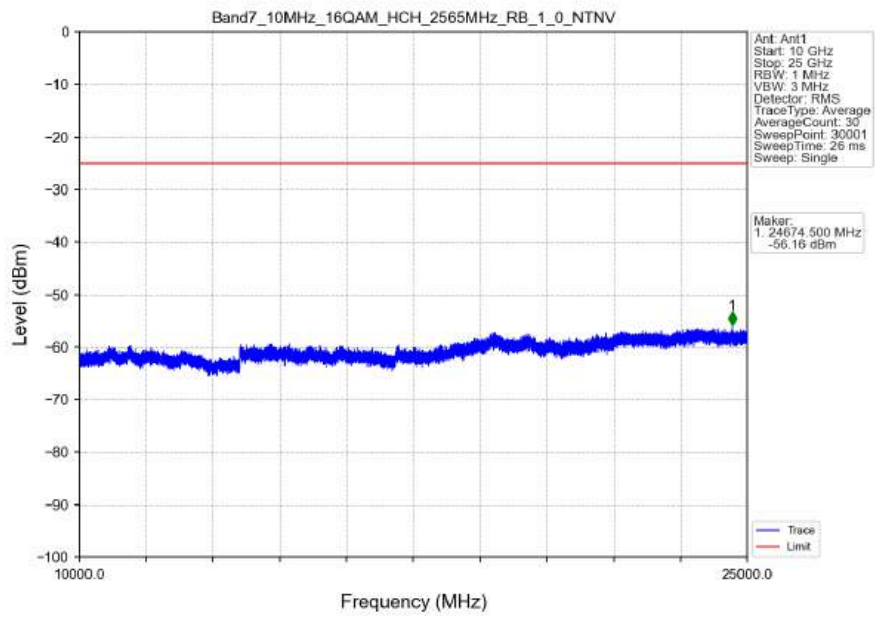
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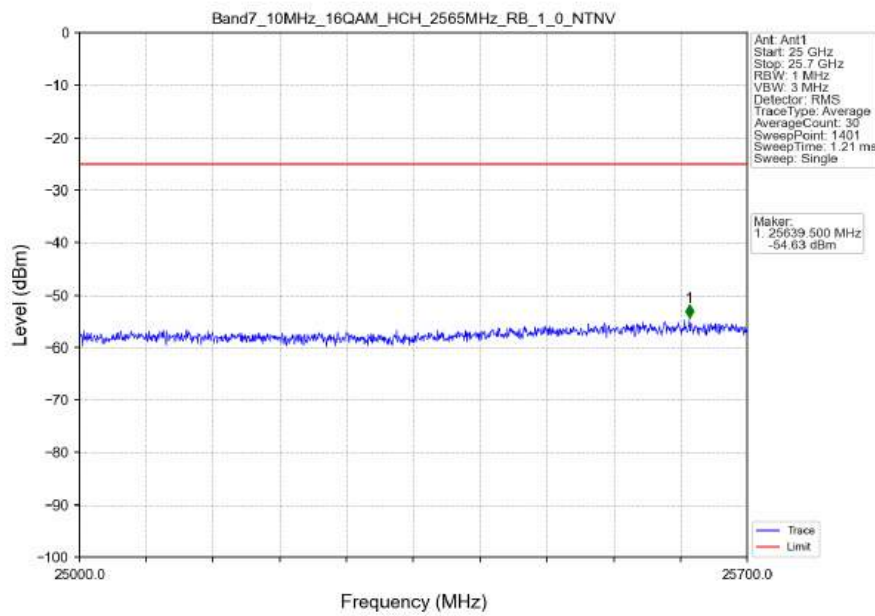
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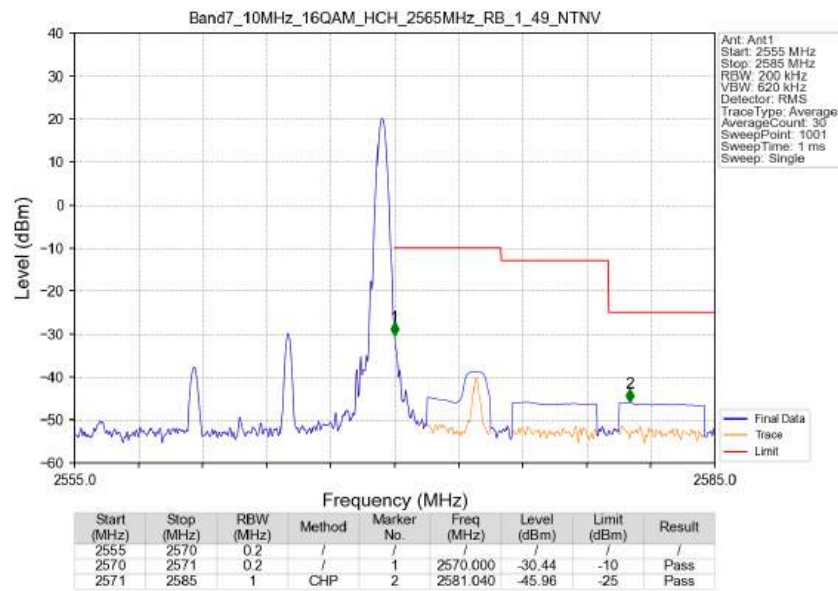
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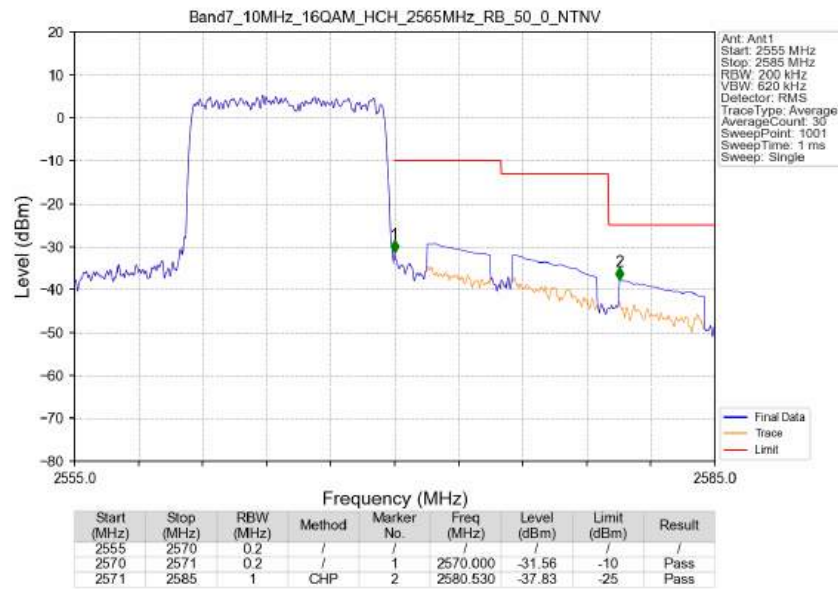
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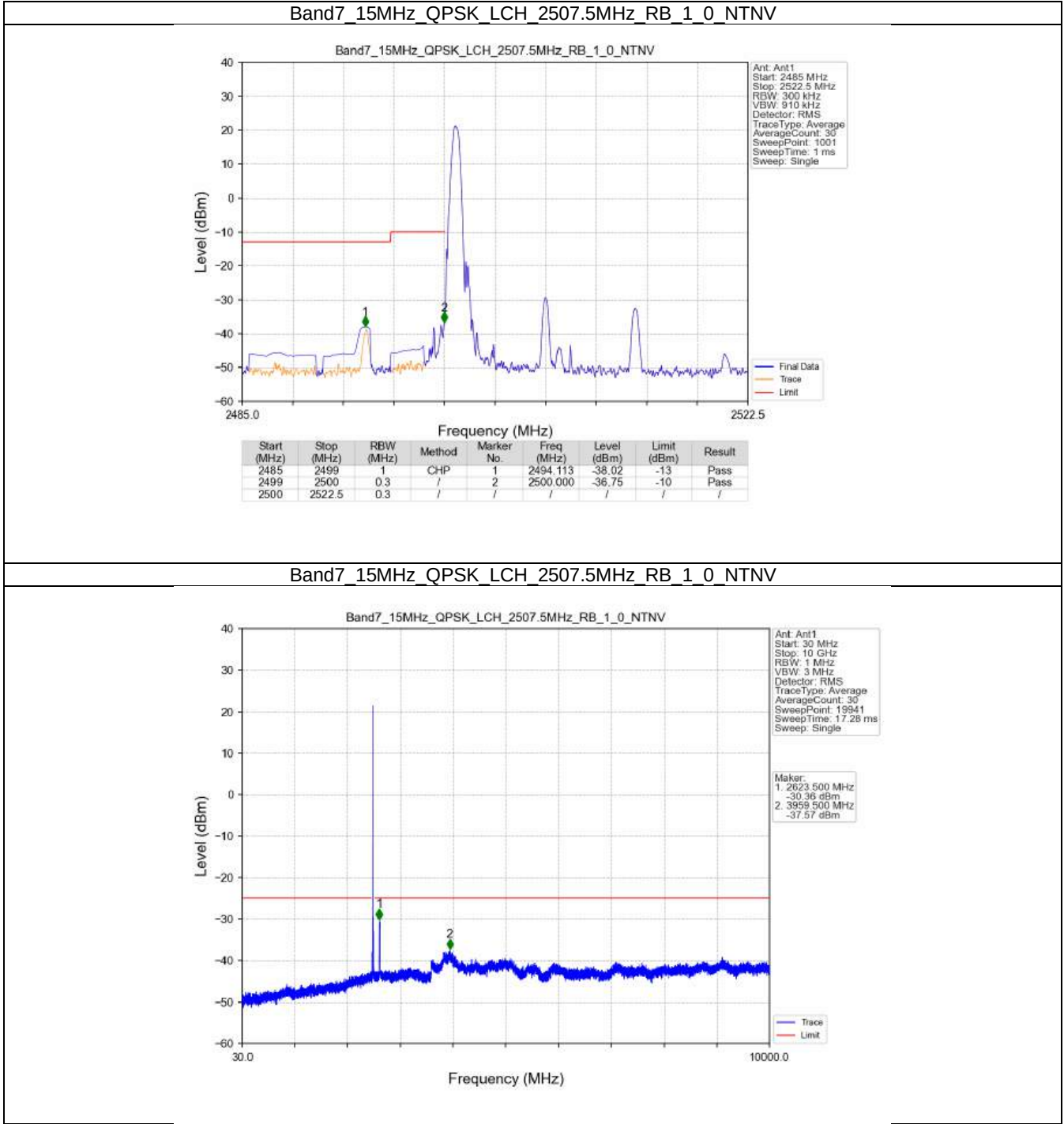
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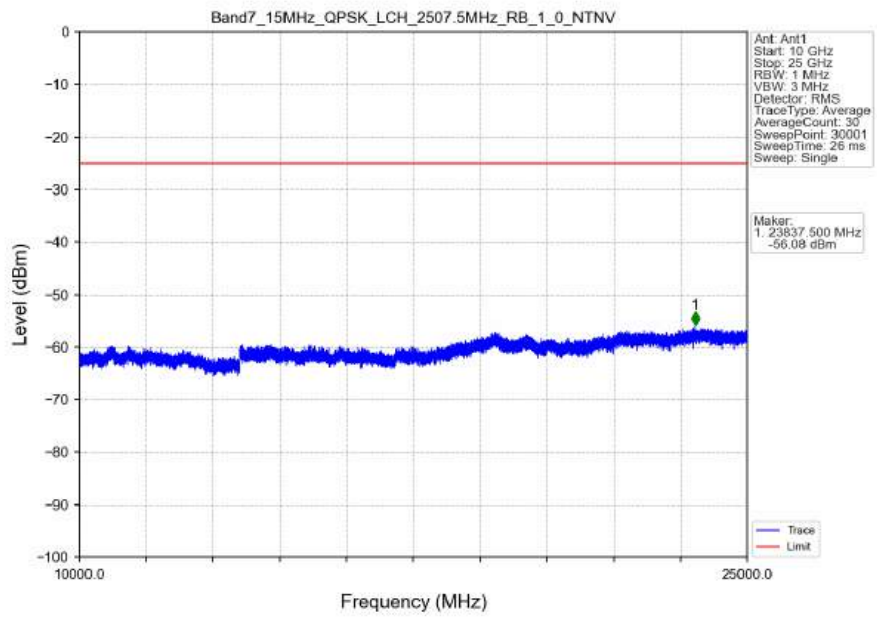
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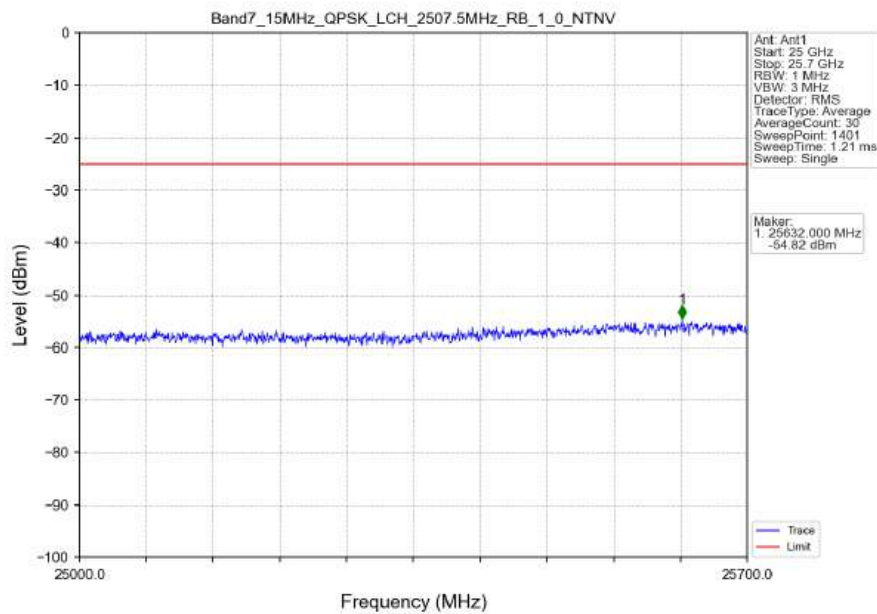
5.2.3 B7_15MHz



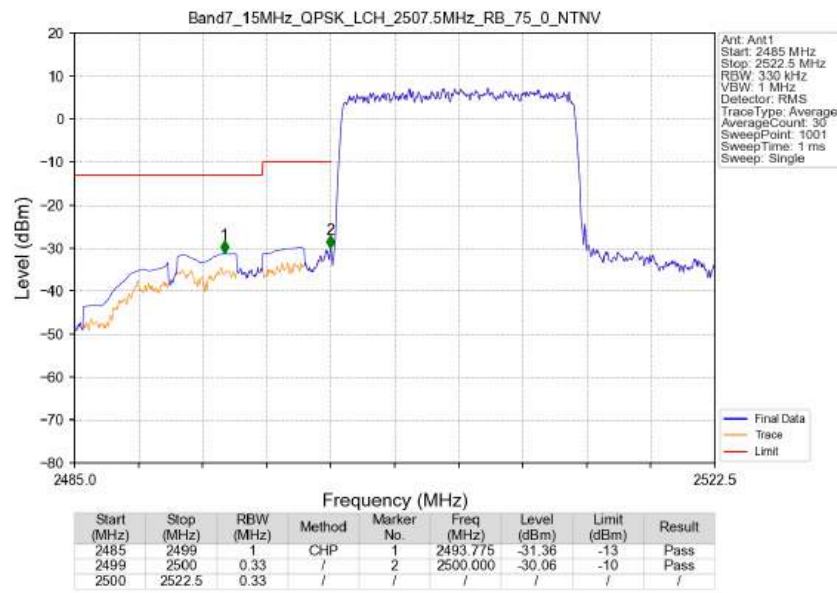
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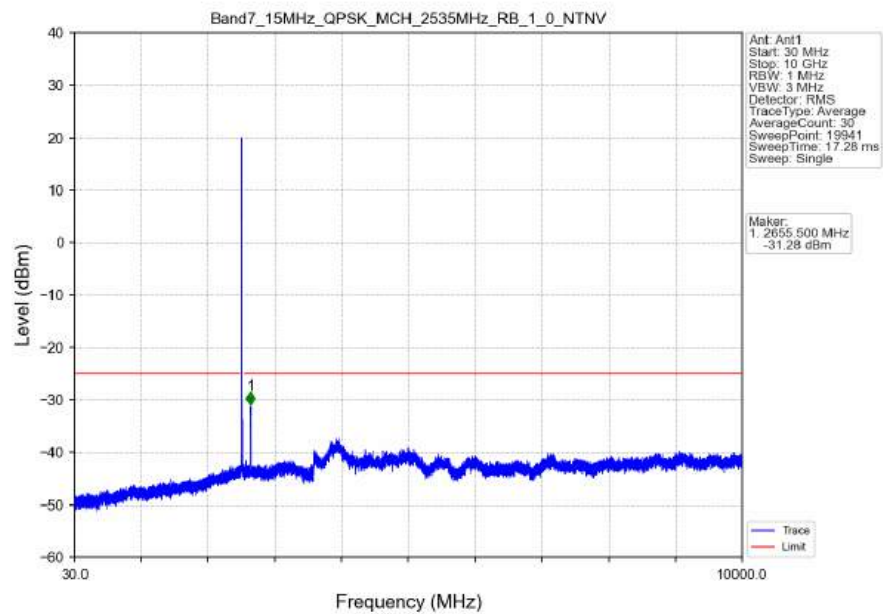
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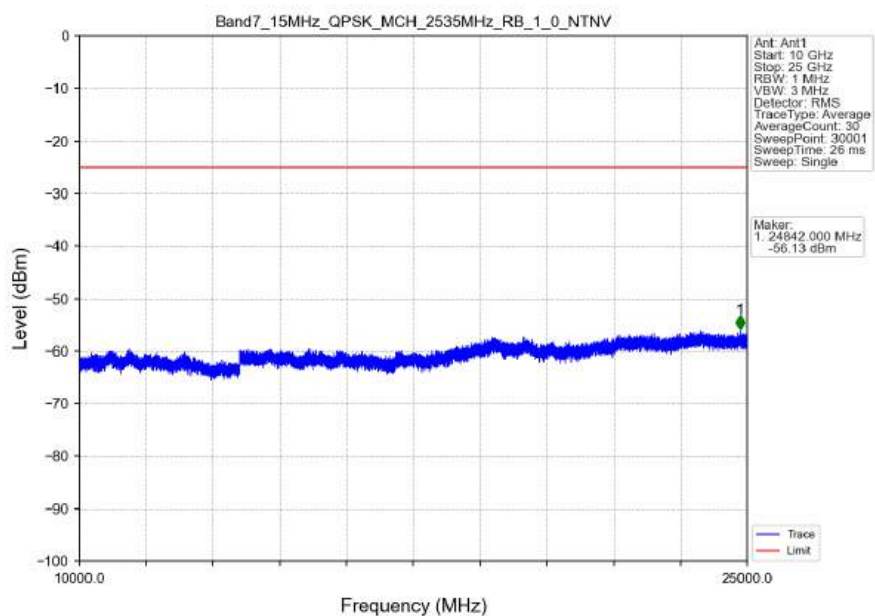
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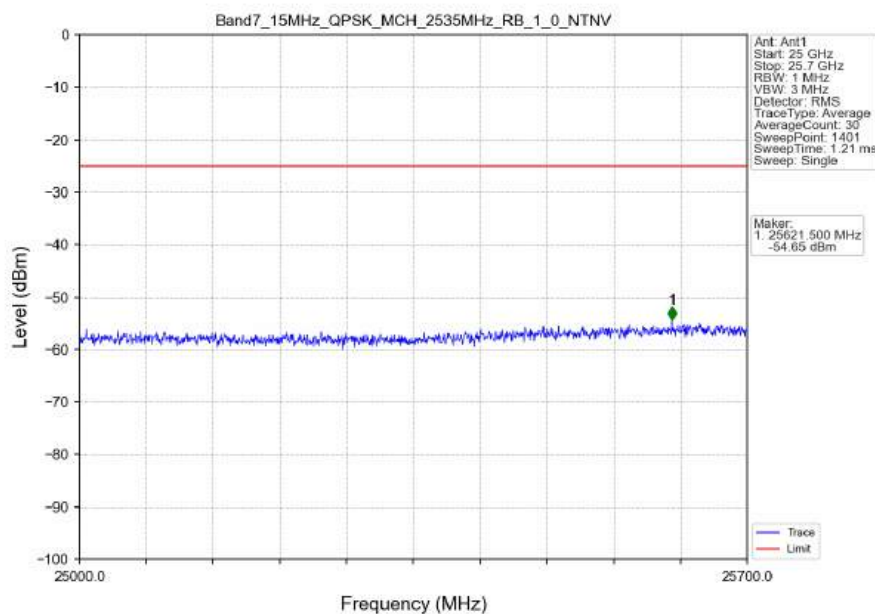
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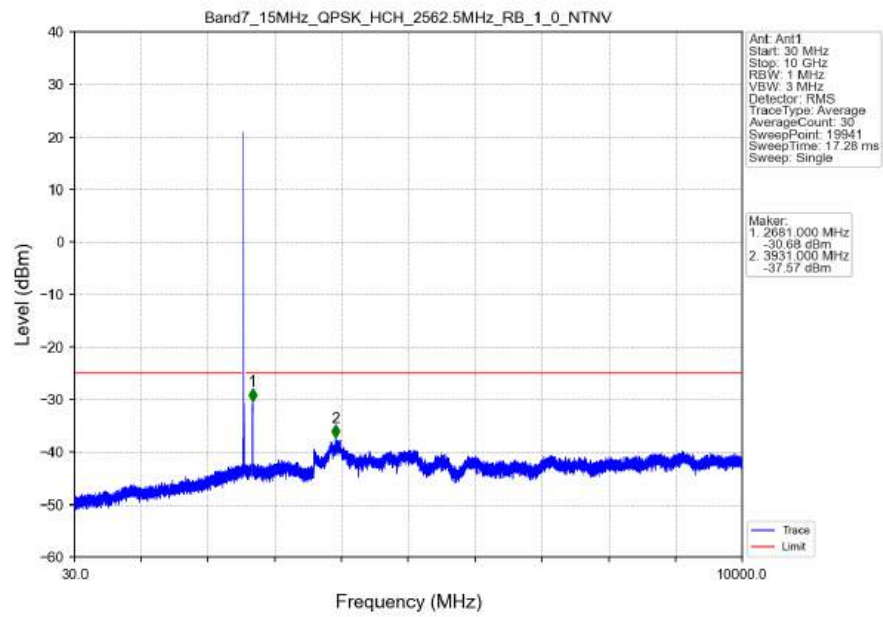
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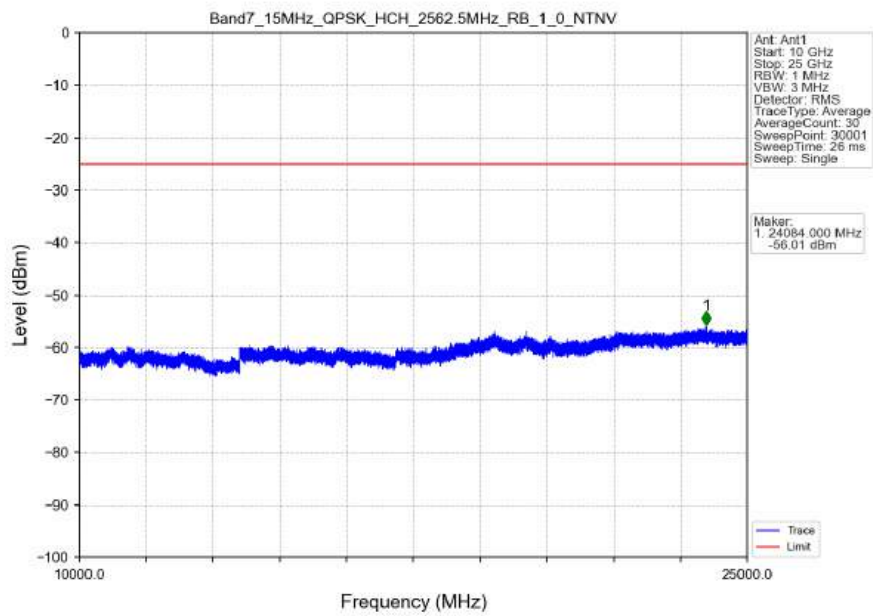
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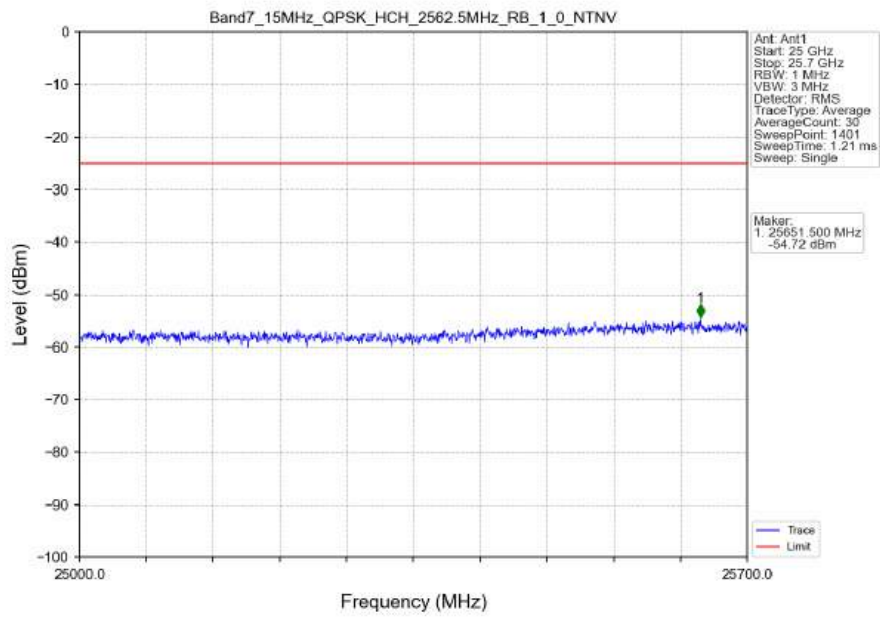
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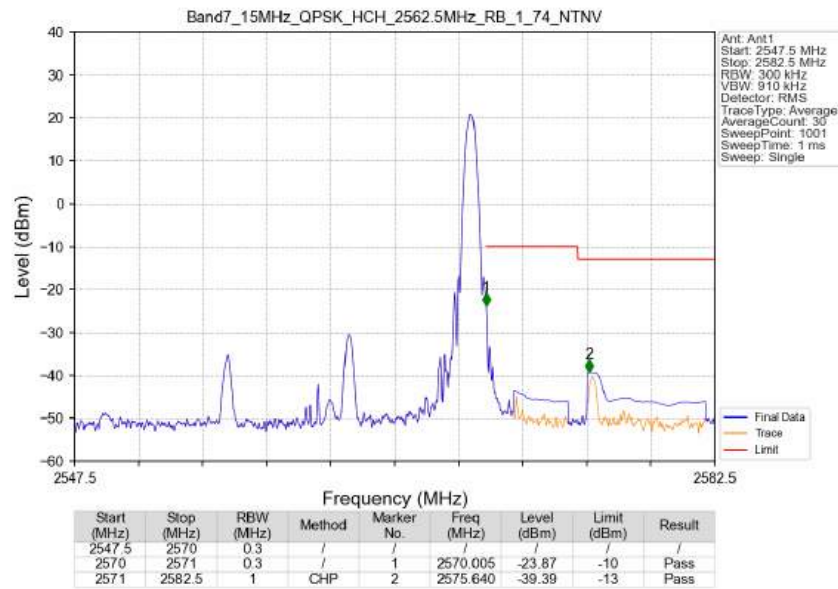
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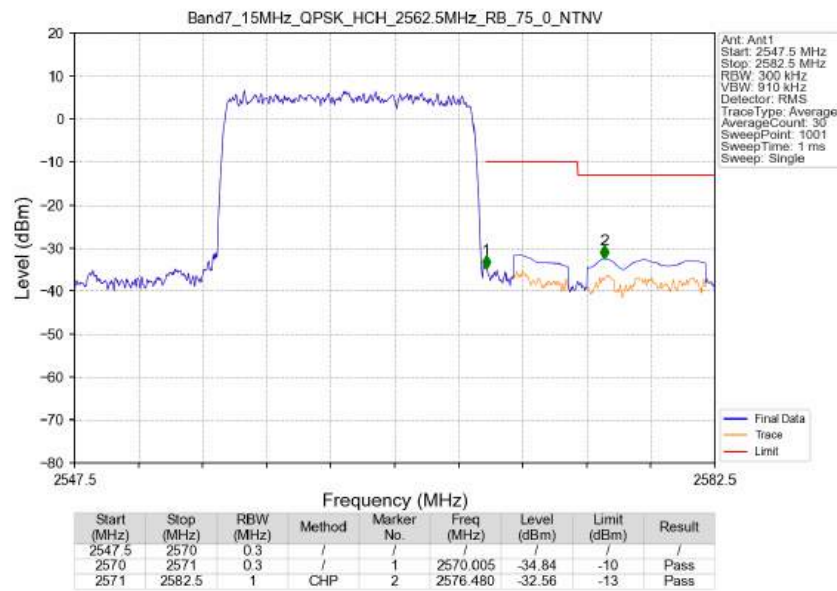
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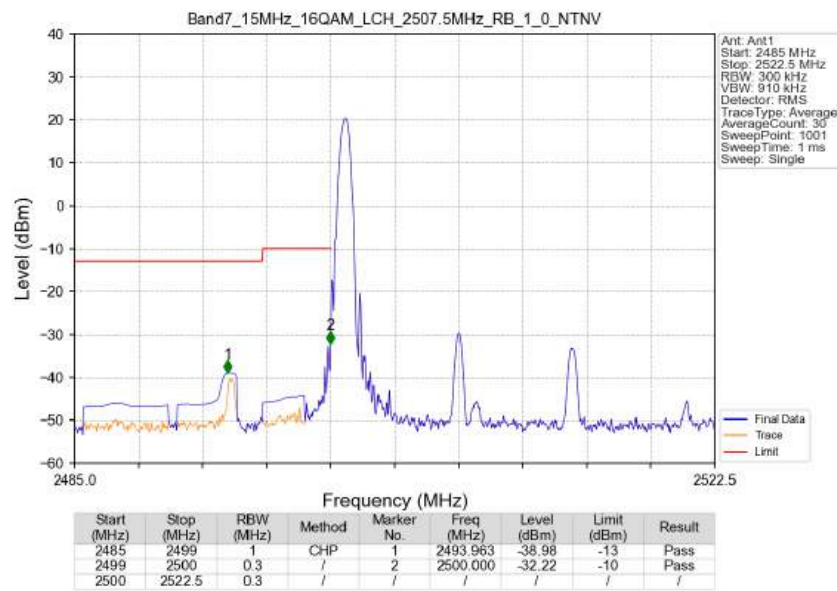
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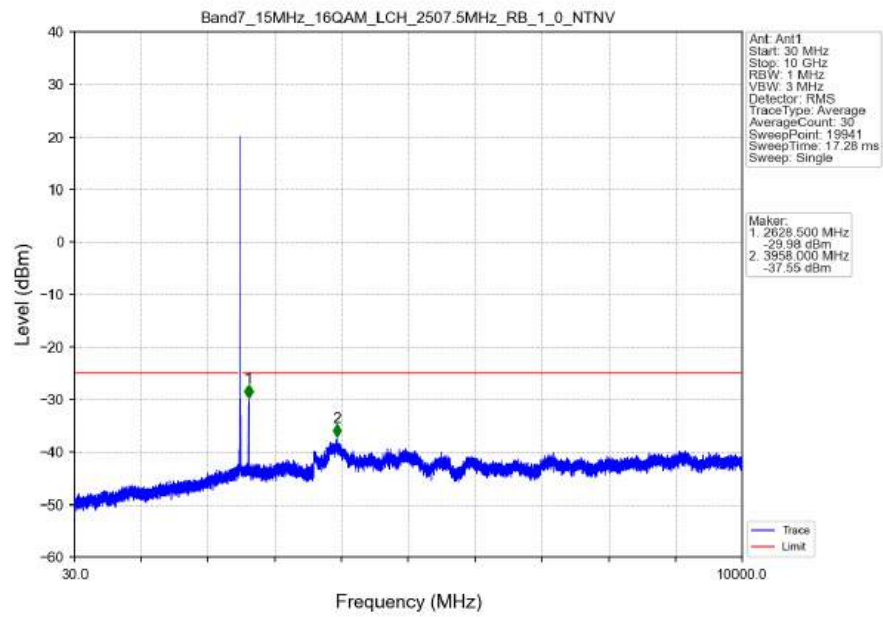
Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTNV



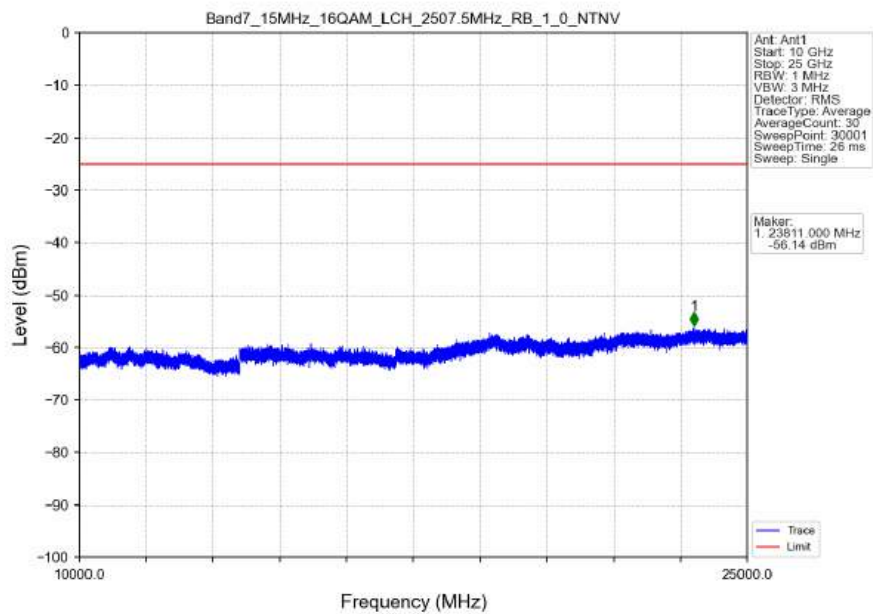
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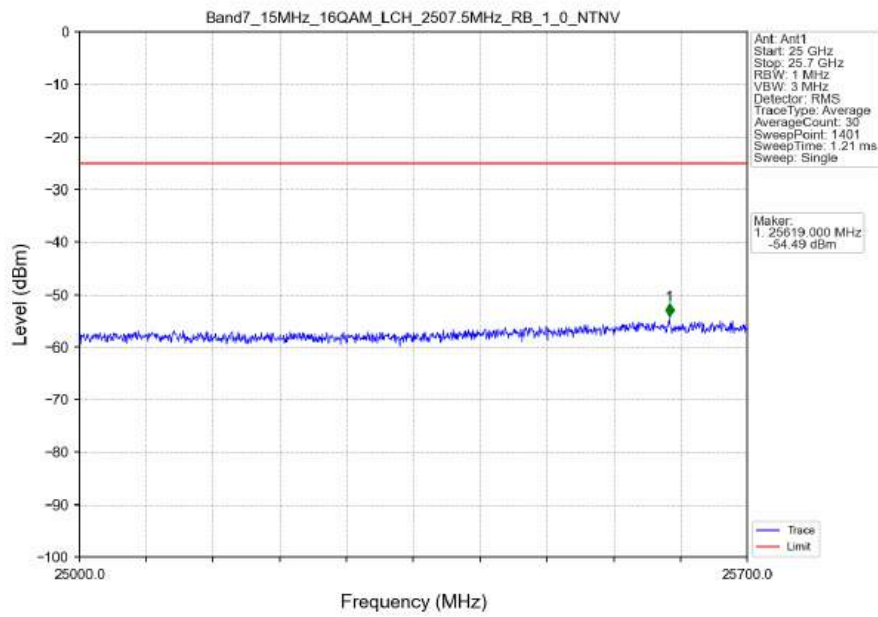
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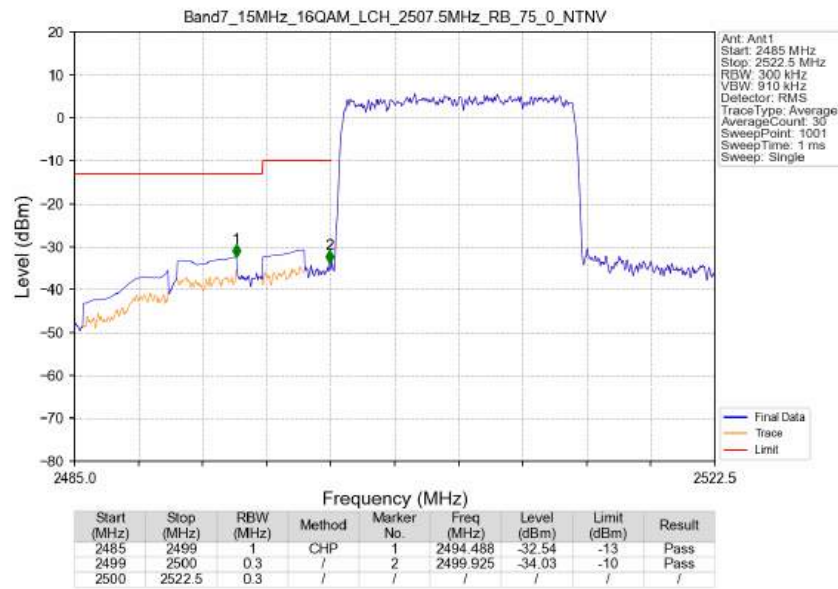
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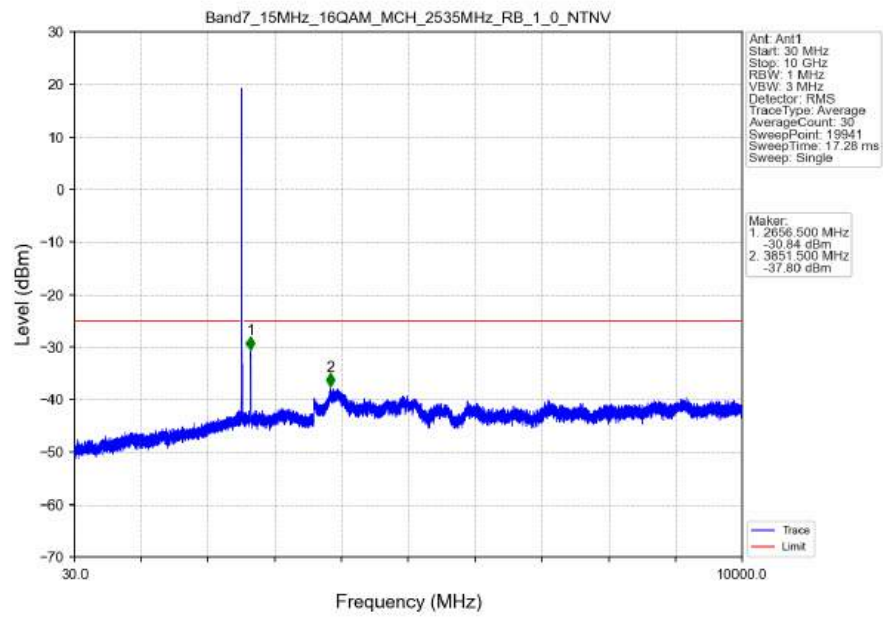
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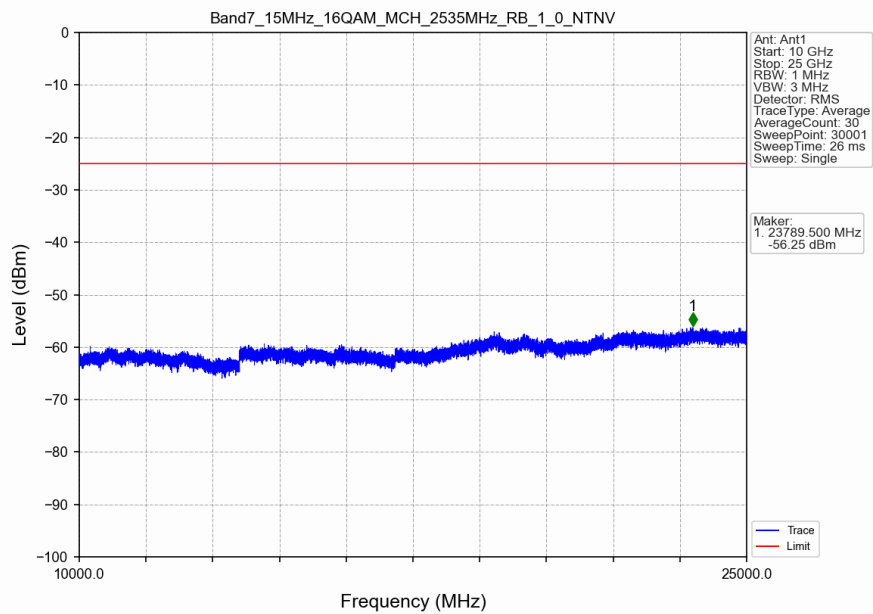
Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



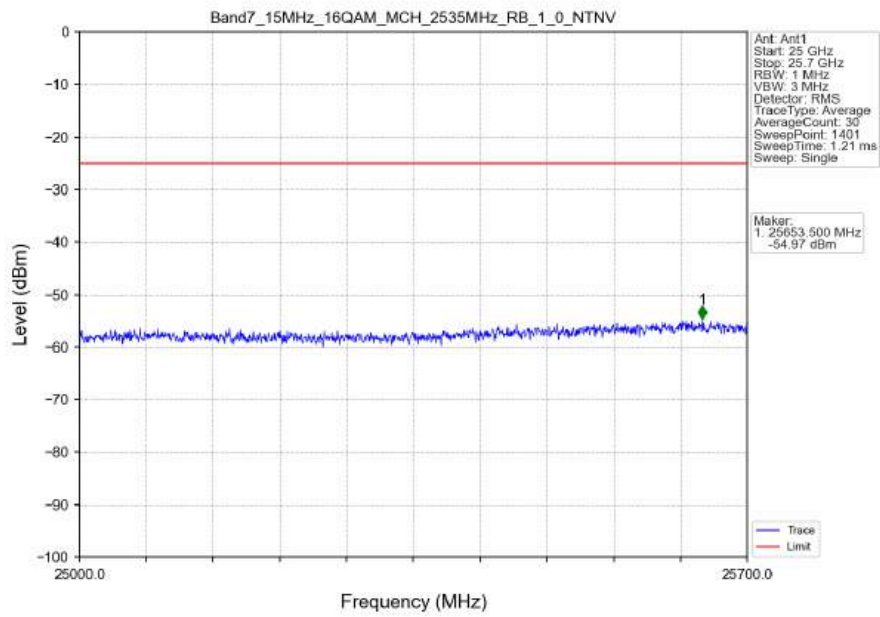
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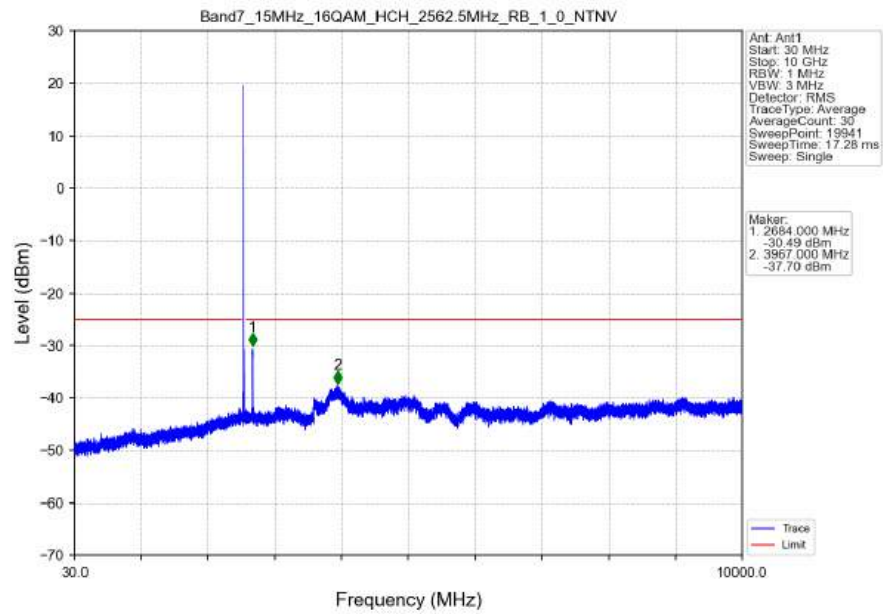
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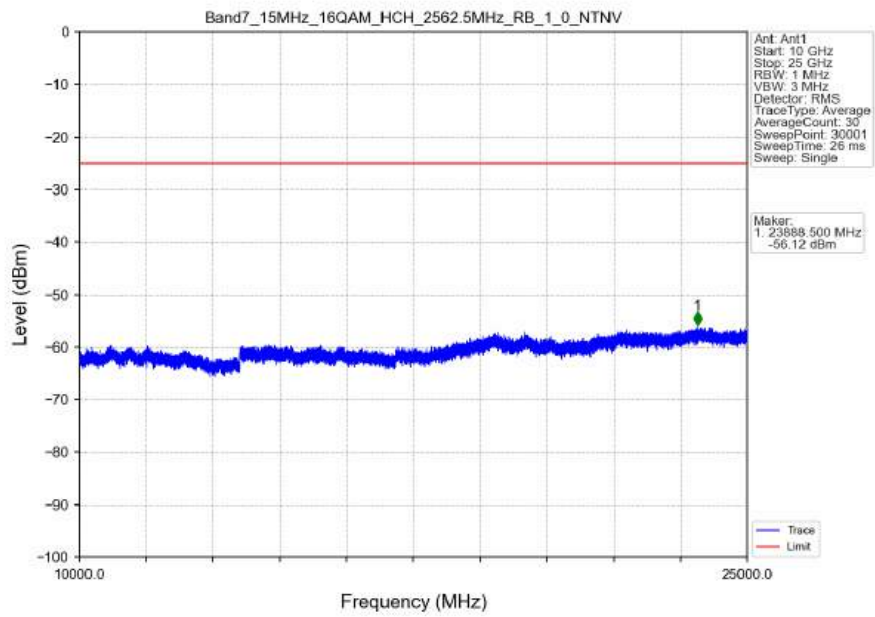
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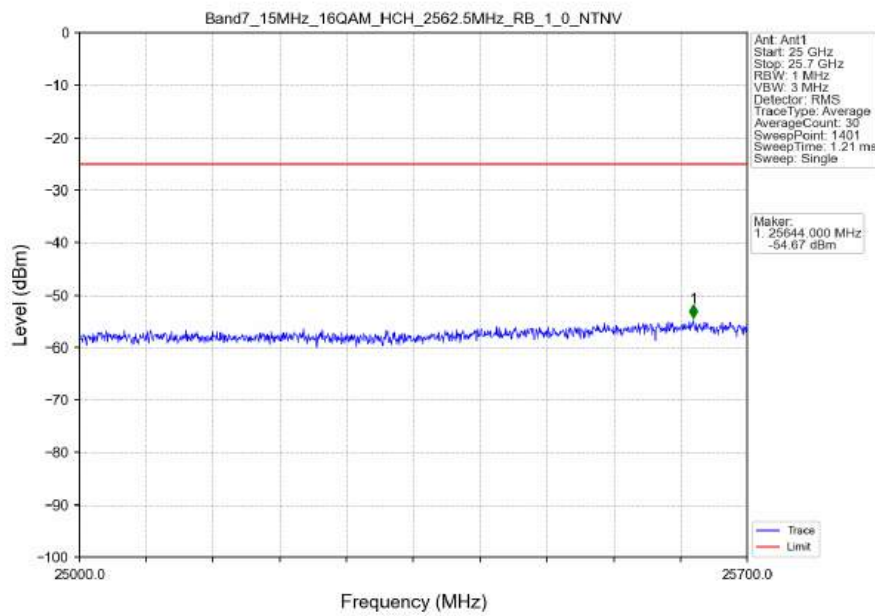
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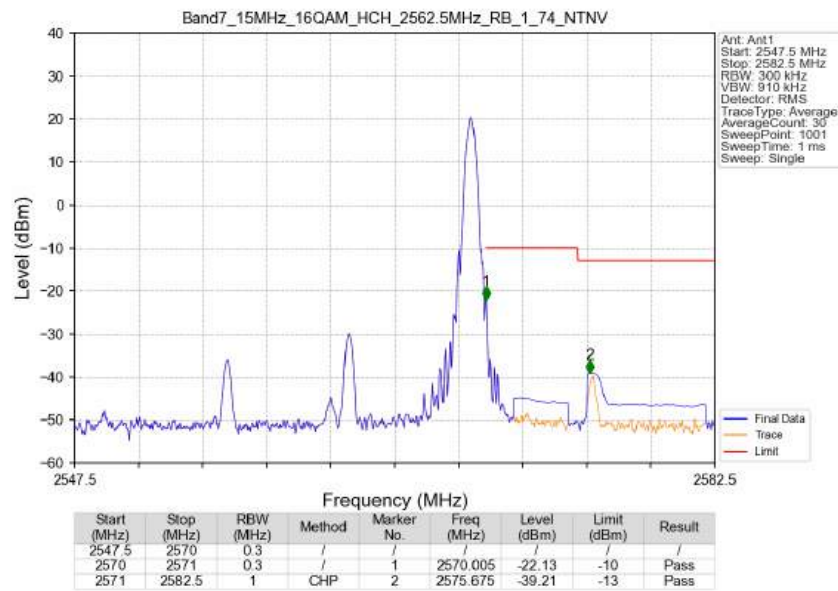
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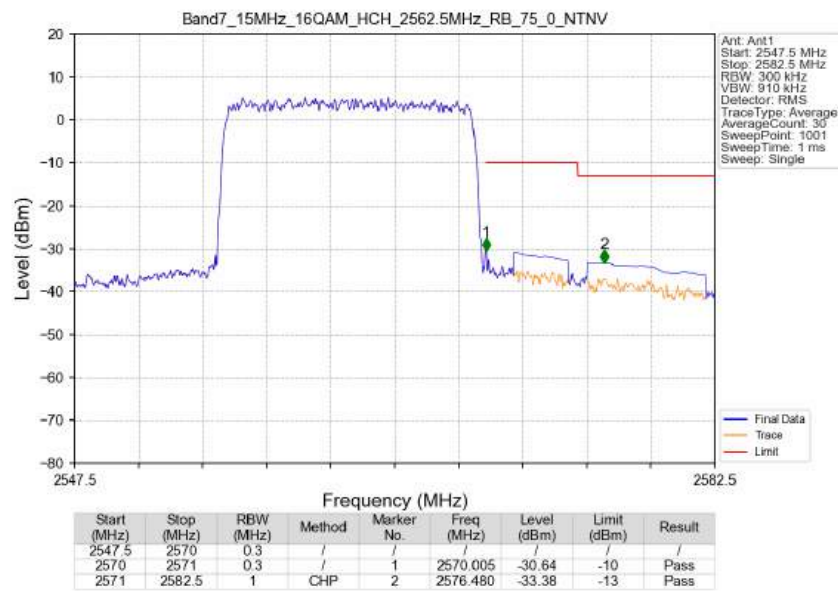
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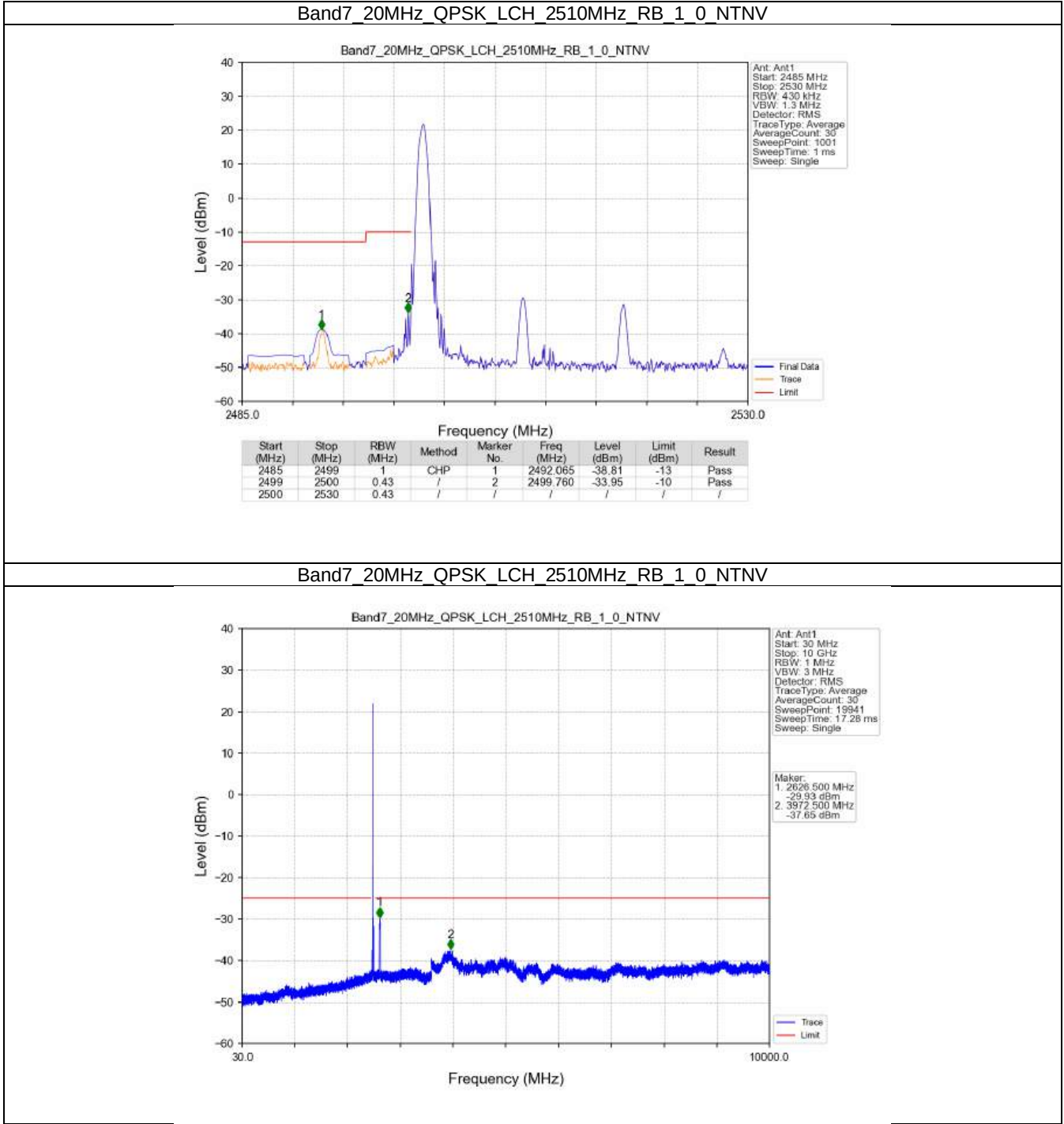
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_1_74_NTNV



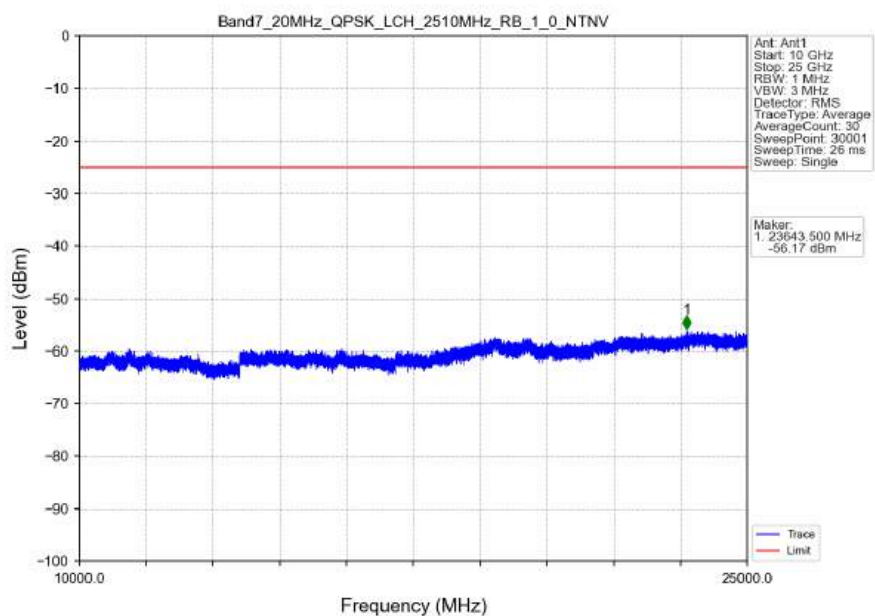
Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



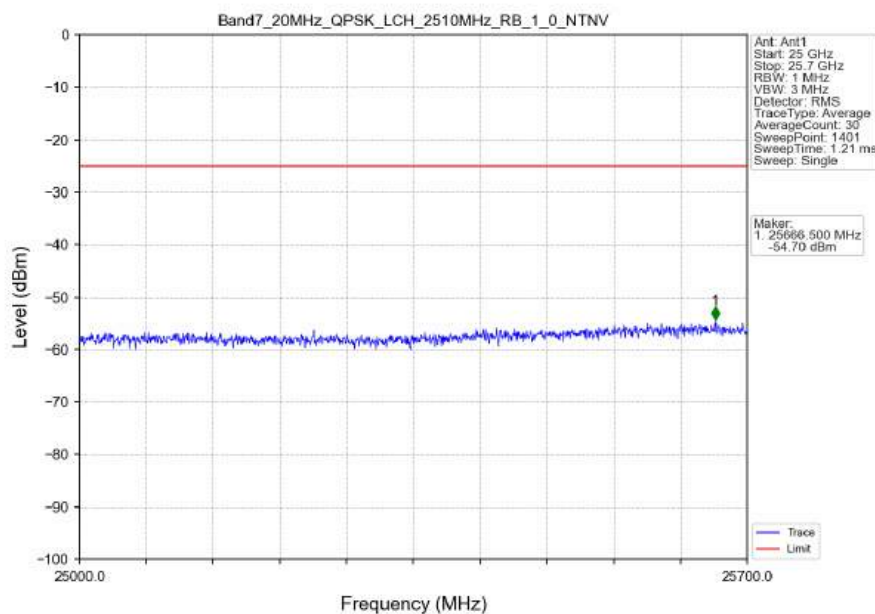
5.2.4 B7_20MHz



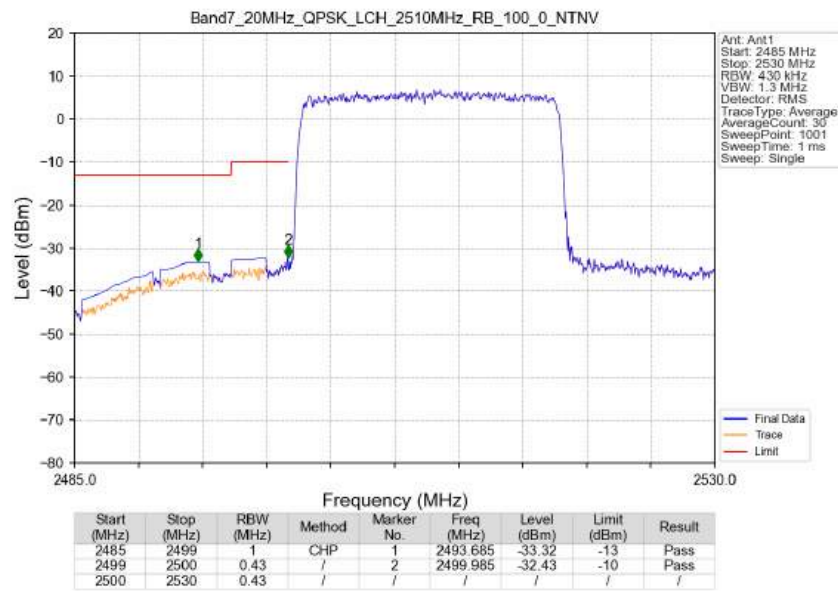
Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



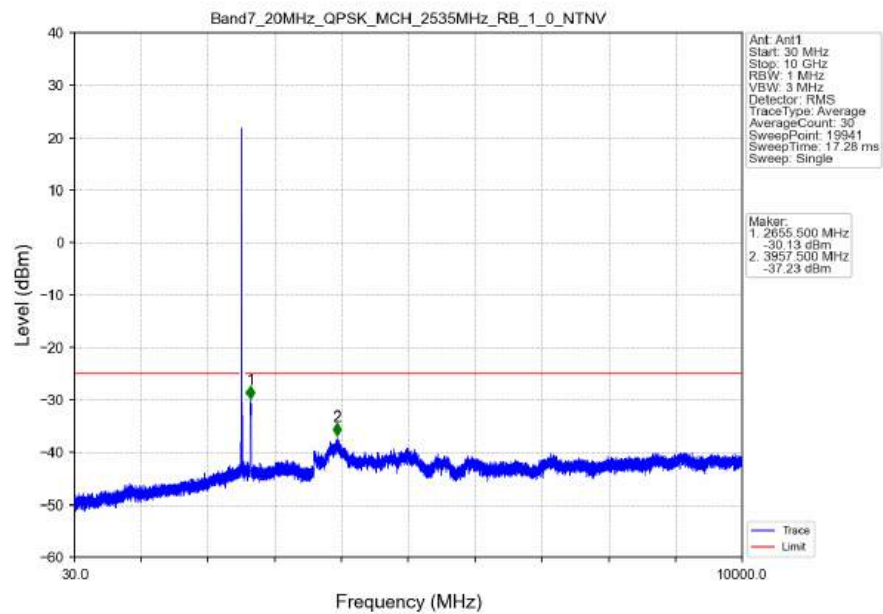
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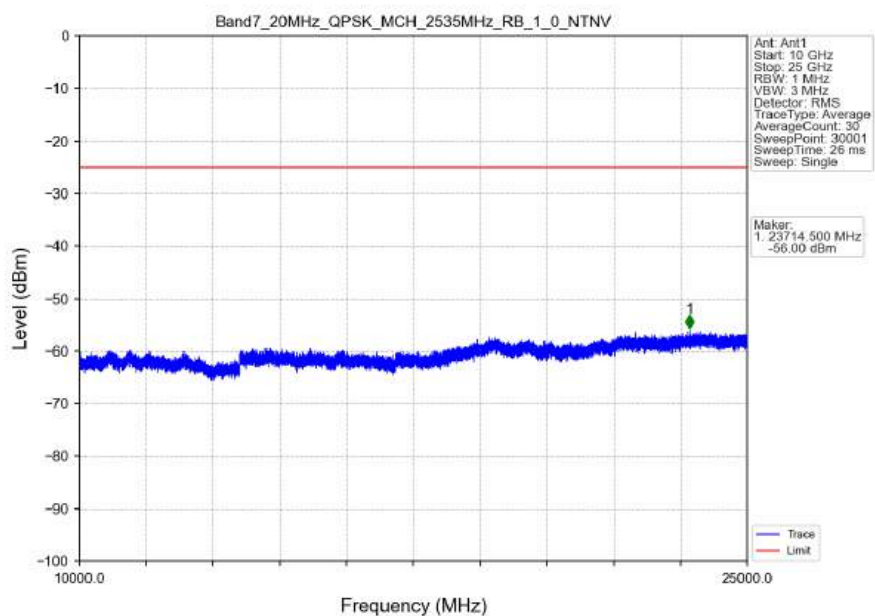
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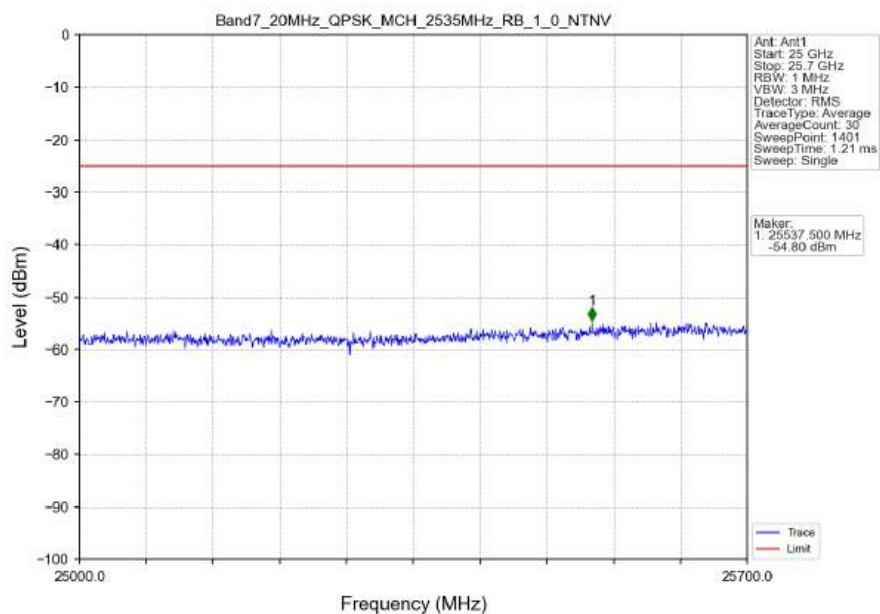
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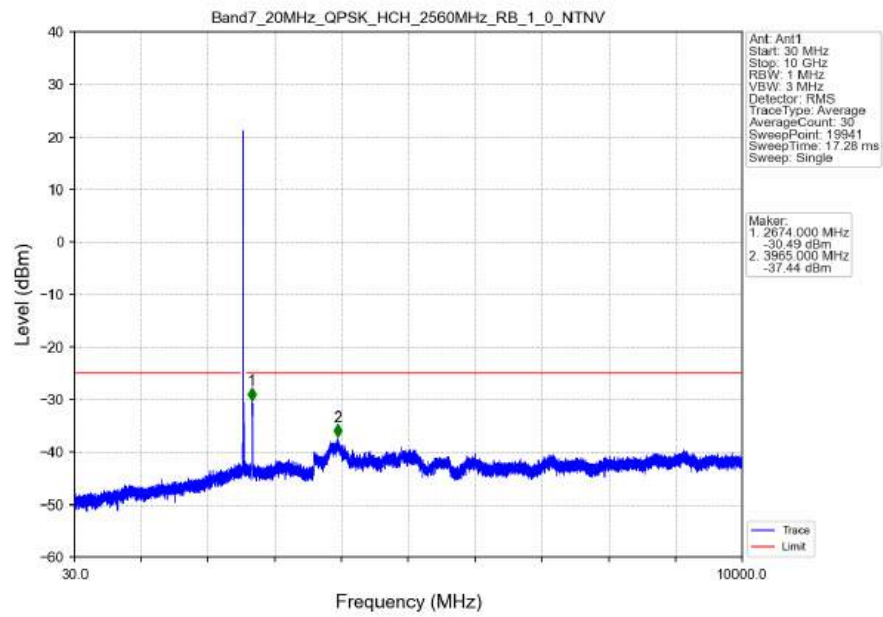
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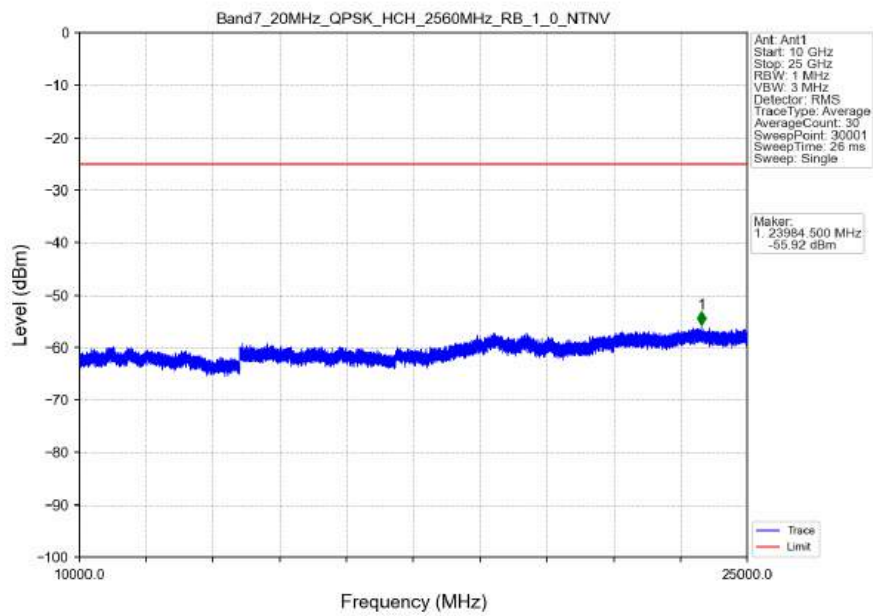
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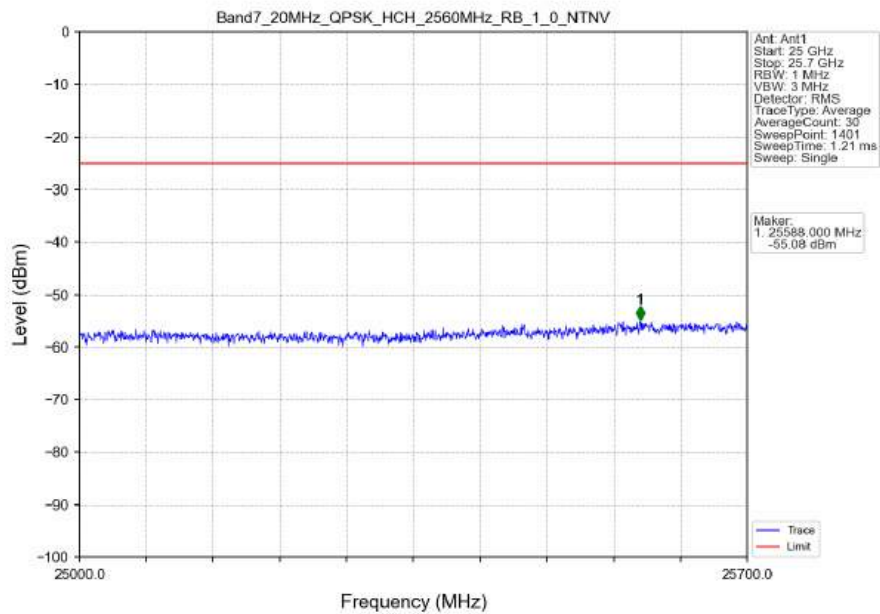
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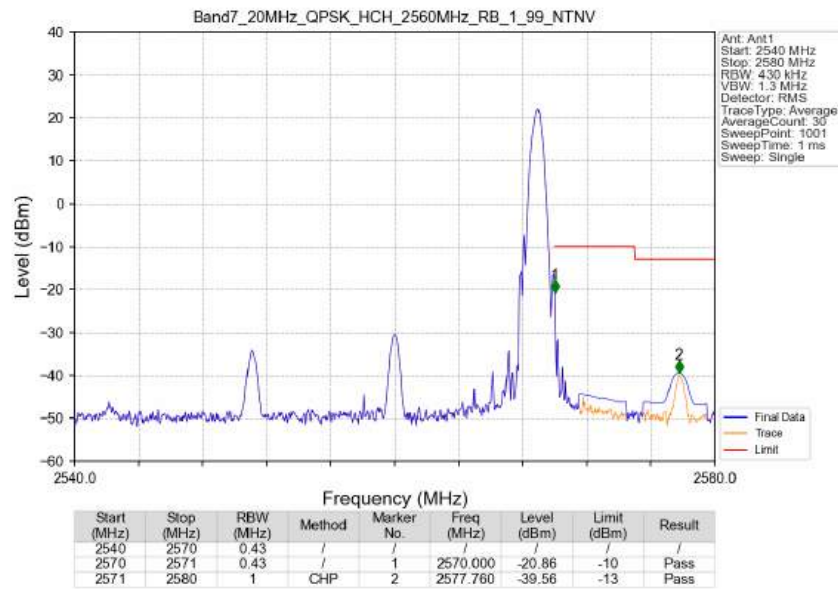
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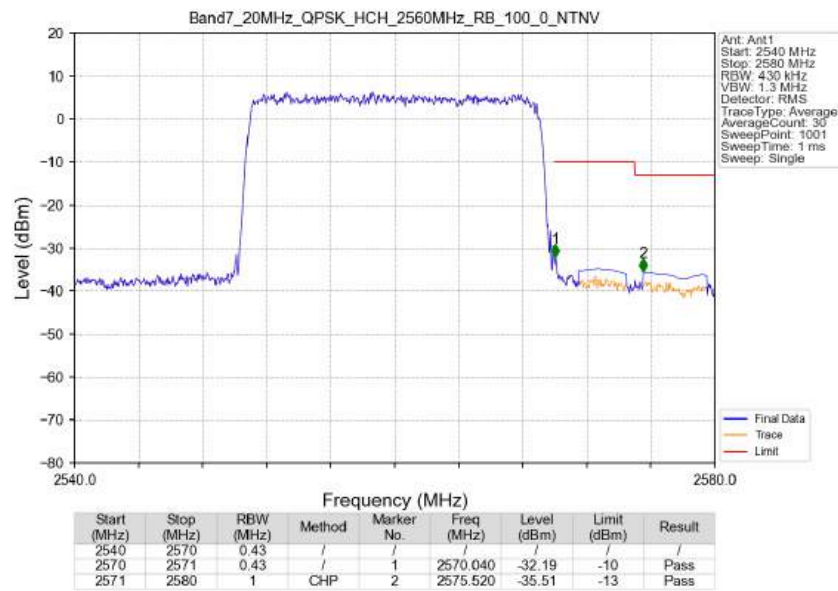
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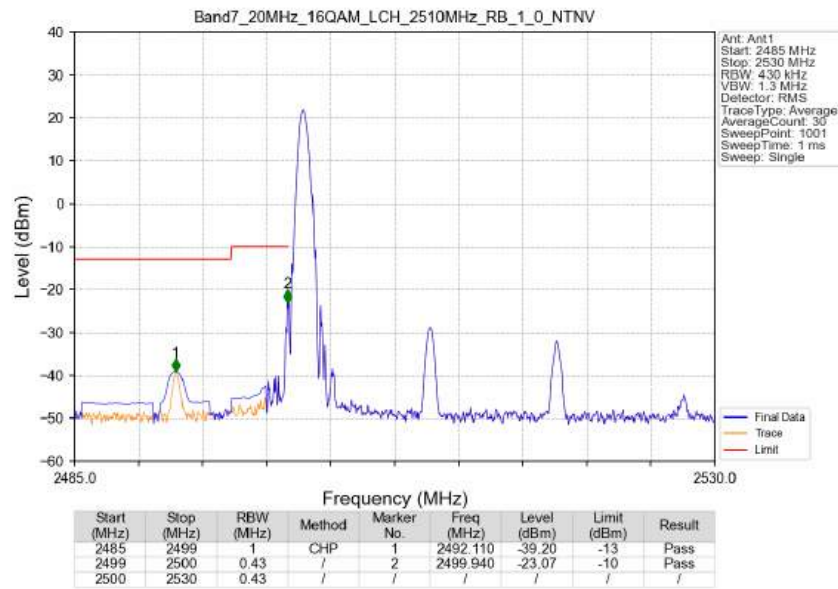
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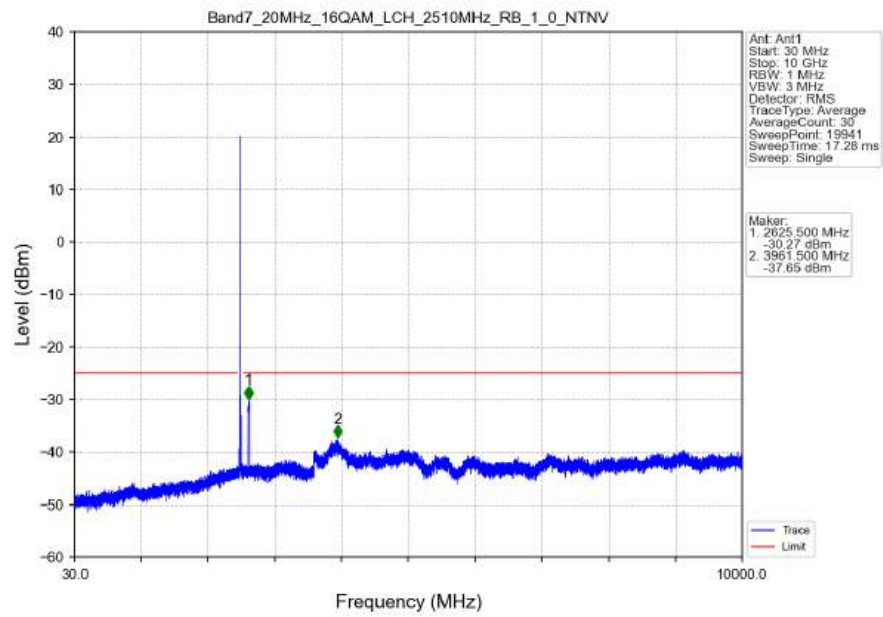
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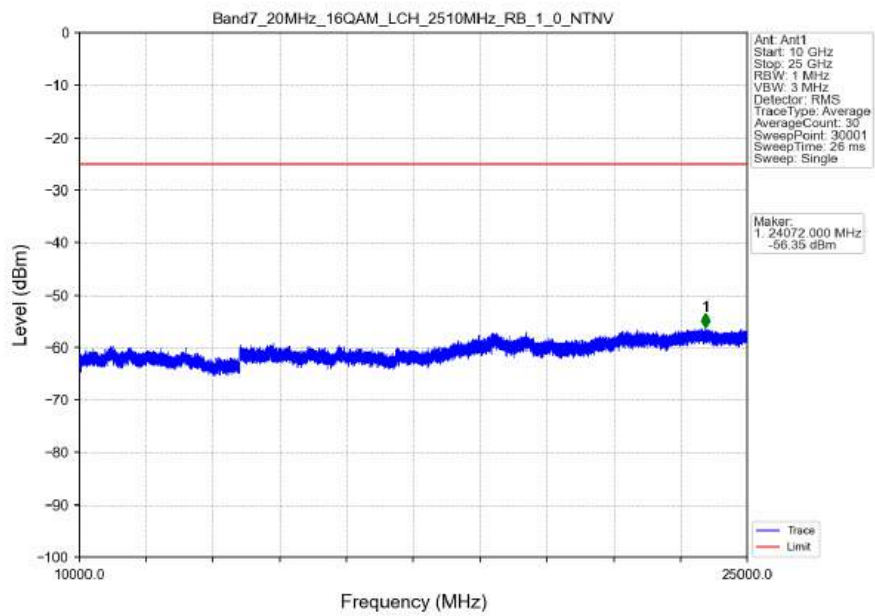
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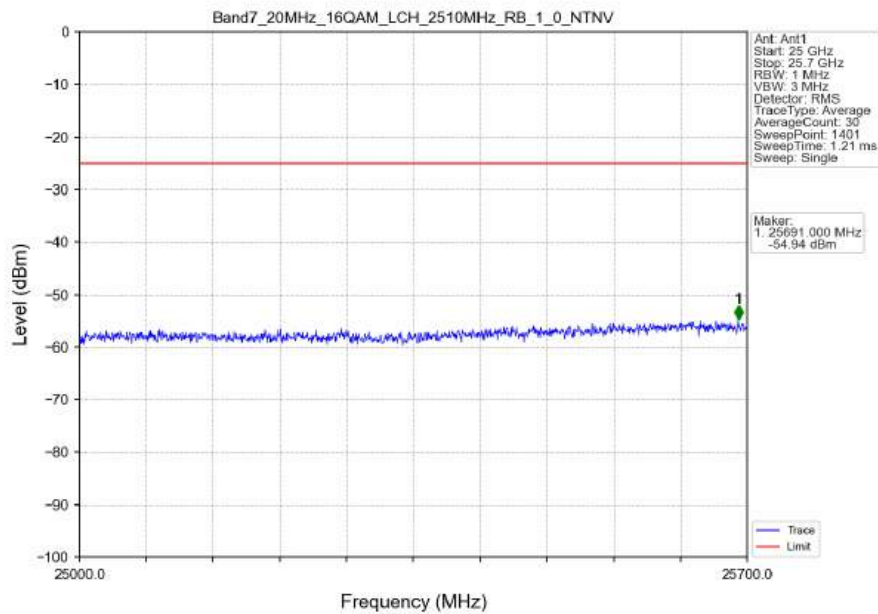
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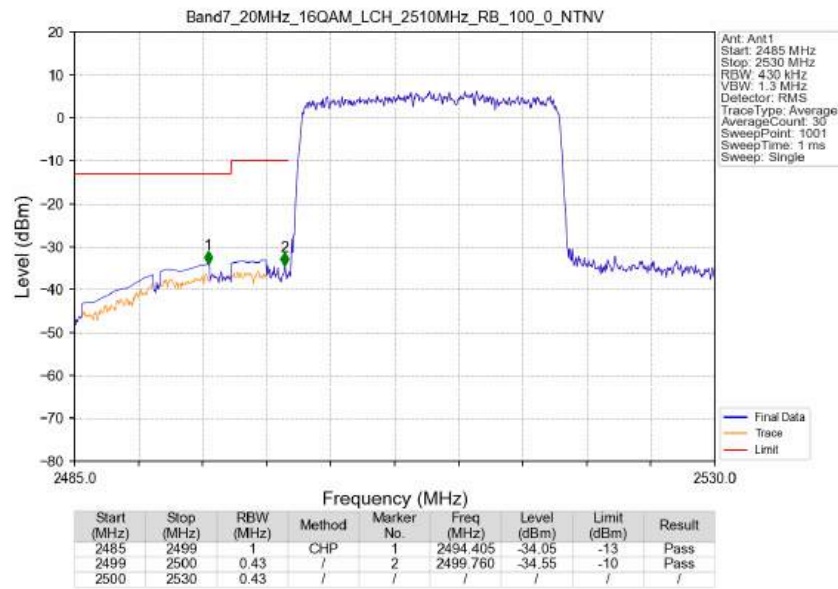
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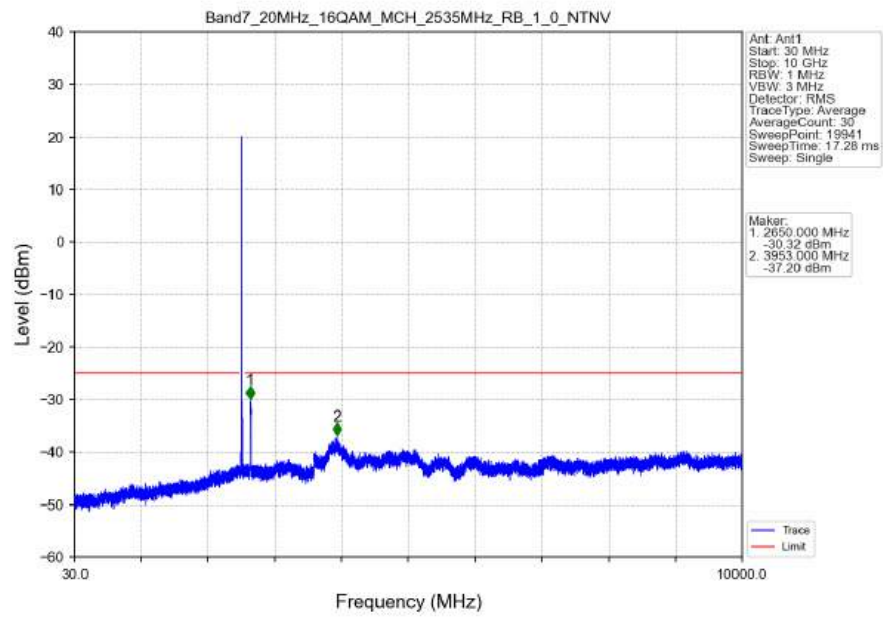
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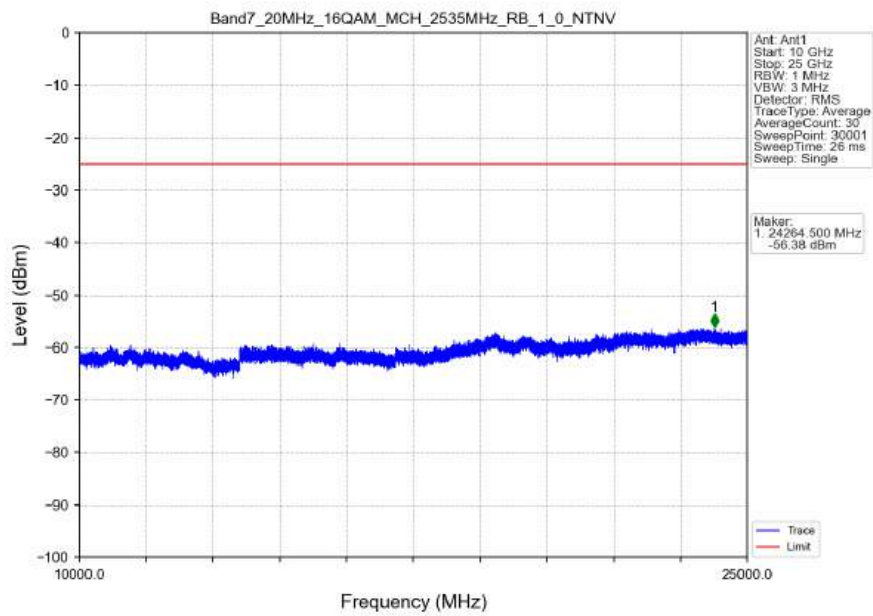
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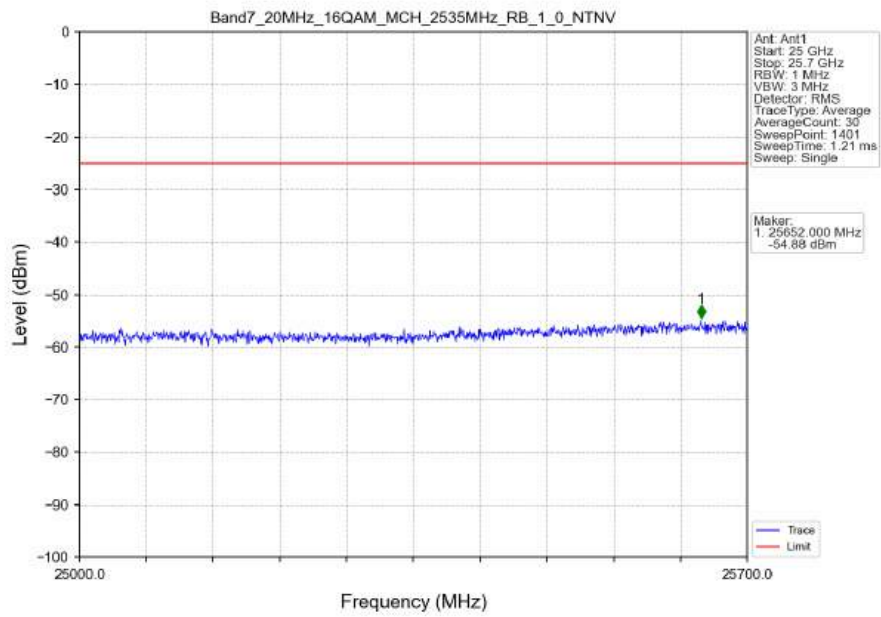
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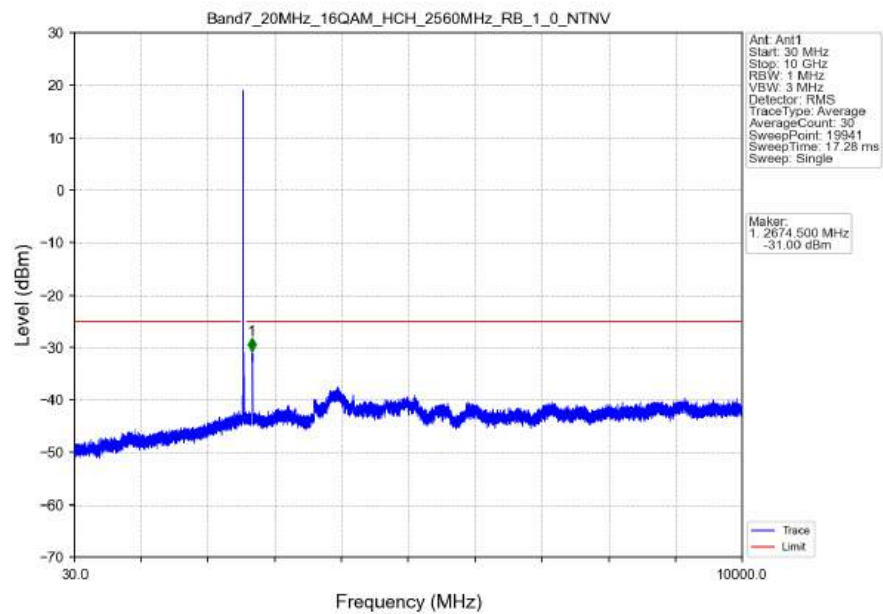
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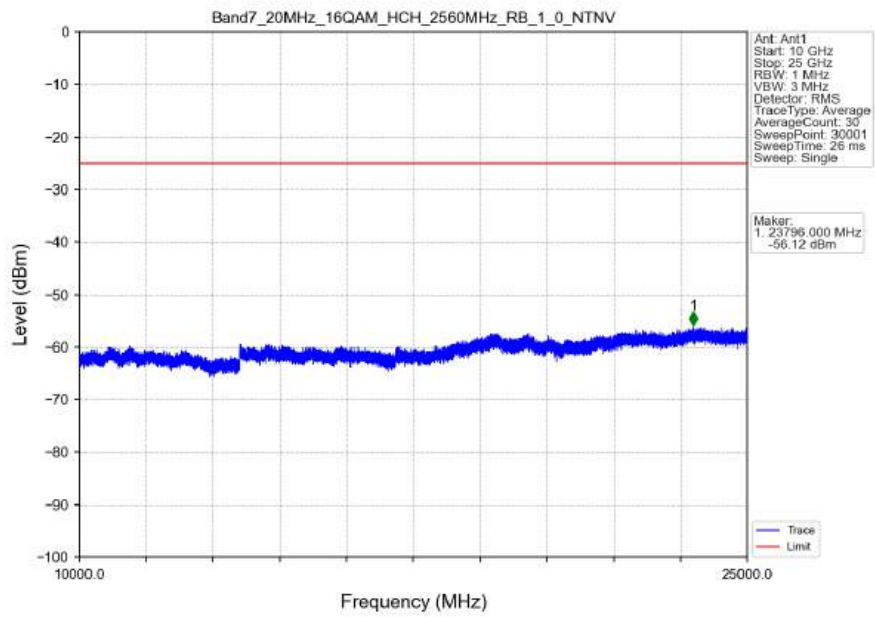
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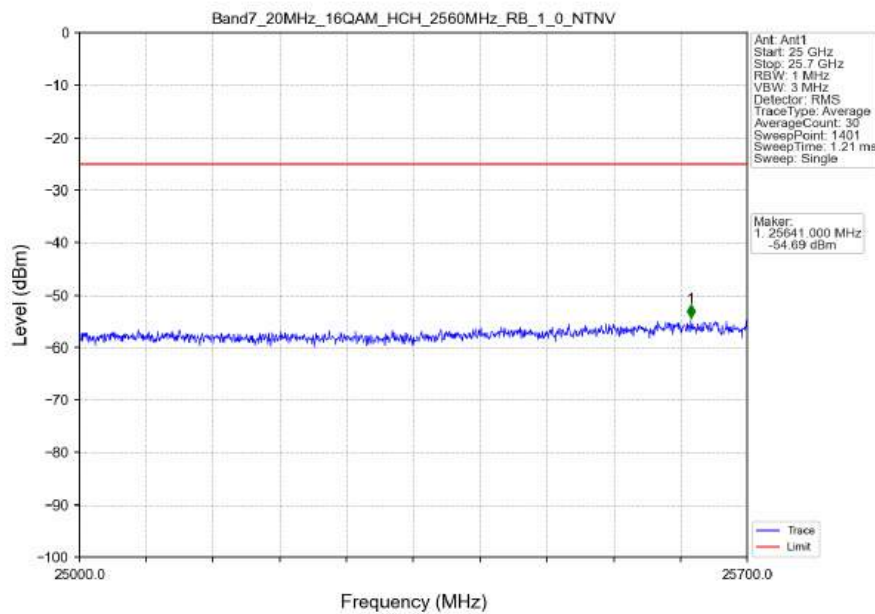
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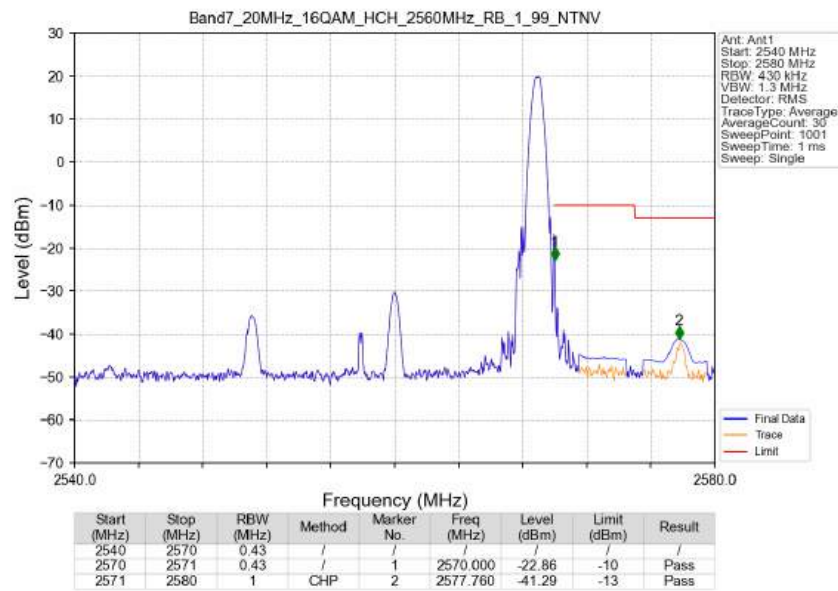
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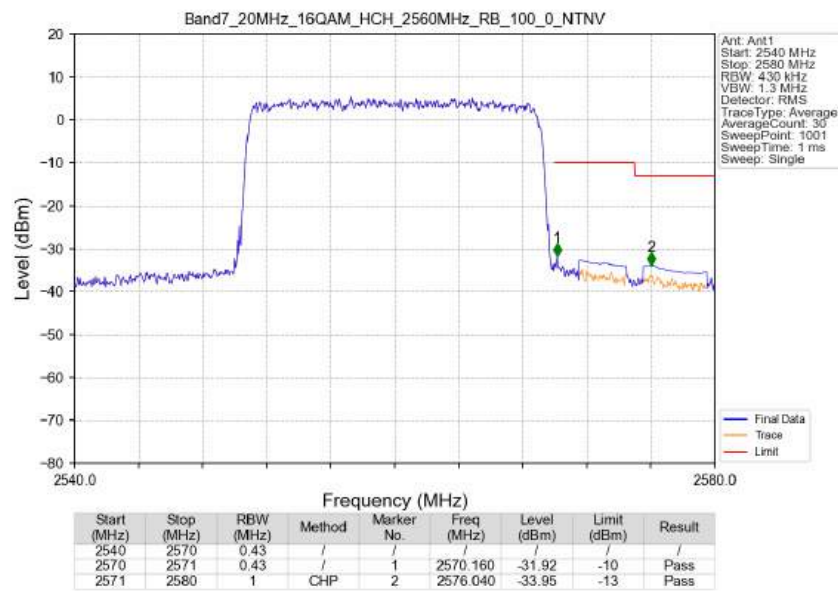
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Band7_20MHz_16QAM_HCH_2560MHz_RB_1_99_NTNV



Band7_20MHz_16QAM_HCH_2560MHz_RB_100_0_NTNV



6. Field Strength of Spurious Radiation

LTE Band 7-Low channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5002.0	-59.18	-25	-34.18	-65.06	4.26	10.14	Horizontal	Pass
7503.0	-54.99	-25	-29.99	-62.51	4.22	11.74	Horizontal	Pass
10004.0	-52.55	-25	-27.55	-60.5	5.08	13.03	Horizontal	Pass
5002.0	-58.96	-25	-33.96	-64.84	4.26	10.14	Vertical	Pass
7503.0	-55.0	-25	-30.0	-62.52	4.22	11.74	Vertical	Pass
10004.0	-51.82	-25	-26.82	-59.77	5.08	13.03	Vertical	Pass

LTE Band 7-Middle channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5052.0	-58.46	-25	-33.46	-64.37	4.26	10.17	Horizontal	Pass
7578.0	-57.26	-25	-32.26	-64.87	4.22	11.83	Horizontal	Pass
10104.0	-52.38	-25	-27.38	-60.35	5.08	13.05	Horizontal	Pass
5052.0	-58.42	-25	-33.42	-64.33	4.26	10.17	Vertical	Pass
7578.0	-56.54	-25	-31.54	-64.15	4.22	11.83	Vertical	Pass
10104.0	-52.63	-25	-27.63	-60.6	5.08	13.05	Vertical	Pass

LTE Band 7-High channel, Modulation: QPSK, Bandwidth:20MHz, 1RB#0								
Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	Cable Loss (dB)	Antenna Gain (dBi)	Polarization (H/V)	Result
5102.0	-58.56	-25	-33.56	-64.5	4.26	10.2	Horizontal	Pass
7653.0	-55.73	-25	-30.73	-63.42	4.23	11.92	Horizontal	Pass
10204.0	-53.88	-25	-28.88	-61.87	5.08	13.07	Horizontal	Pass
5102.0	-58.07	-25	-33.07	-64.01	4.26	10.2	Vertical	Pass
7653.0	-56.03	-25	-31.03	-63.72	4.23	11.92	Vertical	Pass
10204.0	-53.5	-25	-28.5	-61.49	5.08	13.07	Vertical	Pass