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Appendix B.7

LTE Band 7



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1. Effective (Isotropic) Radiated Power Output Data

1.1.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	23.84	24.39	33	PASS
Band7	5MHz	QPSK	20775	1RB#12	23.82	24.37	33	PASS
Band7	5MHz	QPSK	20775	1RB#24	23.68	24.23	33	PASS
Band7	5MHz	QPSK	20775	25RB#0	22.9	23.45	33	PASS
Band7	5MHz	QPSK	21100	1RB#0	23.61	24.16	33	PASS
Band7	5MHz	QPSK	21100	1RB#12	23.65	24.2	33	PASS
Band7	5MHz	QPSK	21100	1RB#24	23.68	24.23	33	PASS
Band7	5MHz	QPSK	21100	25RB#0	22.64	23.19	33	PASS
Band7	5MHz	QPSK	21425	1RB#0	23.5	24.05	33	PASS
Band7	5MHz	QPSK	21425	1RB#12	23.53	24.08	33	PASS
Band7	5MHz	QPSK	21425	1RB#24	23.55	24.1	33	PASS
Band7	5MHz	QPSK	21425	25RB#0	23.58	24.13	33	PASS
Band7	5MHz	16QAM	20775	1RB#0	22.87	23.42	33	PASS
Band7	5MHz	16QAM	20775	1RB#12	22.98	23.53	33	PASS
Band7	5MHz	16QAM	20775	1RB#24	22.94	23.49	33	PASS
Band7	5MHz	16QAM	20775	25RB#0	21.9	22.45	33	PASS
Band7	5MHz	16QAM	21100	1RB#0	22.73	23.28	33	PASS
Band7	5MHz	16QAM	21100	1RB#12	22.72	23.27	33	PASS
Band7	5MHz	16QAM	21100	1RB#24	22.84	23.39	33	PASS
Band7	5MHz	16QAM	21100	25RB#0	21.68	22.23	33	PASS
Band7	5MHz	16QAM	21425	1RB#0	22.65	23.2	33	PASS
Band7	5MHz	16QAM	21425	1RB#12	22.77	23.32	33	PASS
Band7	5MHz	16QAM	21425	1RB#24	22.82	23.37	33	PASS
Band7	5MHz	16QAM	21425	25RB#0	21.62	22.17	33	PASS
Band7	5MHz	64QAM	20775	1RB#0	21.84	22.39	33	PASS
Band7	5MHz	64QAM	20775	1RB#12	22.03	22.58	33	PASS
Band7	5MHz	64QAM	20775	1RB#24	21.89	22.44	33	PASS
Band7	5MHz	64QAM	20775	25RB#0	20.83	21.38	33	PASS
Band7	5MHz	64QAM	21100	1RB#0	21.8	22.35	33	PASS



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Band7	5MHz	64QAM	21100	1RB#12	21.79	22.34	33	PASS
Band7	5MHz	64QAM	21100	1RB#24	21.88	22.43	33	PASS
Band7	5MHz	64QAM	21100	25RB#0	20.75	21.3	33	PASS
Band7	5MHz	64QAM	21425	1RB#0	21.72	22.27	33	PASS
Band7	5MHz	64QAM	21425	1RB#12	21.83	22.38	33	PASS
Band7	5MHz	64QAM	21425	1RB#24	21.8	22.35	33	PASS
Band7	5MHz	64QAM	21425	25RB#0	20.6	21.15	33	PASS
Band7	5MHz	256QAM	20775	1RB#0	19.94	20.49	33	PASS
Band7	5MHz	256QAM	20775	1RB#12	18.88	19.43	33	PASS
Band7	5MHz	256QAM	20775	1RB#24	18.85	19.4	33	PASS
Band7	5MHz	256QAM	20775	25RB#0	18.81	19.36	33	PASS
Band7	5MHz	256QAM	21100	1RB#0	18.71	19.26	33	PASS
Band7	5MHz	256QAM	21100	1RB#12	18.93	19.48	33	PASS
Band7	5MHz	256QAM	21100	1RB#24	18.62	19.17	33	PASS
Band7	5MHz	256QAM	21100	25RB#0	18.66	19.21	33	PASS
Band7	5MHz	256QAM	21425	1RB#0	18.63	19.18	33	PASS
Band7	5MHz	256QAM	21425	1RB#12	18.75	19.3	33	PASS
Band7	5MHz	256QAM	21425	1RB#24	18.72	19.27	33	PASS
Band7	5MHz	256QAM	21425	25RB#0	18.54	19.09	33	PASS
Band7	10MHz	QPSK	20800	1RB#0	23.86	24.41	33	PASS
Band7	10MHz	QPSK	20800	1RB#24	23.85	24.4	33	PASS
Band7	10MHz	QPSK	20800	1RB#49	23.71	24.26	33	PASS
Band7	10MHz	QPSK	20800	50RB#0	22.88	23.43	33	PASS
Band7	10MHz	QPSK	21100	1RB#0	23.51	24.06	33	PASS
Band7	10MHz	QPSK	21100	1RB#24	23.8	24.35	33	PASS
Band7	10MHz	QPSK	21100	1RB#49	23.79	24.34	33	PASS
Band7	10MHz	QPSK	21100	50RB#0	22.67	23.22	33	PASS
Band7	10MHz	QPSK	21400	1RB#0	23.06	23.61	33	PASS
Band7	10MHz	QPSK	21400	1RB#24	23.59	24.14	33	PASS
Band7	10MHz	QPSK	21400	1RB#49	23.57	24.12	33	PASS
Band7	10MHz	QPSK	21400	50RB#0	22.63	23.18	33	PASS
Band7	10MHz	16QAM	20800	1RB#0	23.04	23.59	33	PASS
Band7	10MHz	16QAM	20800	1RB#24	23.09	23.64	33	PASS
Band7	10MHz	16QAM	20800	1RB#49	22.87	23.42	33	PASS



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Band7	10MHz	16QAM	20800	50RB#0	21.95	22.5	33	PASS
Band7	10MHz	16QAM	21100	1RB#0	22.7	23.25	33	PASS
Band7	10MHz	16QAM	21100	1RB#24	22.93	23.48	33	PASS
Band7	10MHz	16QAM	21100	1RB#49	22.82	23.37	33	PASS
Band7	10MHz	16QAM	21100	50RB#0	21.64	22.19	33	PASS
Band7	10MHz	16QAM	21400	1RB#0	22.79	23.34	33	PASS
Band7	10MHz	16QAM	21400	1RB#24	22.78	23.33	33	PASS
Band7	10MHz	16QAM	21400	1RB#49	22.59	23.14	33	PASS
Band7	10MHz	16QAM	21400	50RB#0	21.67	22.22	33	PASS
Band7	10MHz	64QAM	20800	1RB#0	21.96	22.51	33	PASS
Band7	10MHz	64QAM	20800	1RB#24	22.03	22.58	33	PASS
Band7	10MHz	64QAM	20800	1RB#49	21.88	22.43	33	PASS
Band7	10MHz	64QAM	20800	50RB#0	20.81	21.36	33	PASS
Band7	10MHz	64QAM	21100	1RB#0	22.12	22.67	33	PASS
Band7	10MHz	64QAM	21100	1RB#24	21.99	22.54	33	PASS
Band7	10MHz	64QAM	21100	1RB#49	21.97	22.52	33	PASS
Band7	10MHz	64QAM	21100	50RB#0	20.64	21.19	33	PASS
Band7	10MHz	64QAM	21400	1RB#0	21.8	22.35	33	PASS
Band7	10MHz	64QAM	21400	1RB#24	21.69	22.24	33	PASS
Band7	10MHz	64QAM	21400	1RB#49	21.62	22.17	33	PASS
Band7	10MHz	64QAM	21400	50RB#0	20.72	21.27	33	PASS
Band7	10MHz	256QAM	20800	1RB#0	19.02	19.57	33	PASS
Band7	10MHz	256QAM	20800	1RB#24	18.92	19.47	33	PASS
Band7	10MHz	256QAM	20800	1RB#49	18.85	19.4	33	PASS
Band7	10MHz	256QAM	20800	50RB#0	18.83	19.38	33	PASS
Band7	10MHz	256QAM	21100	1RB#0	18.65	19.2	33	PASS
Band7	10MHz	256QAM	21100	1RB#24	18.77	19.32	33	PASS
Band7	10MHz	256QAM	21100	1RB#49	18.73	19.28	33	PASS
Band7	10MHz	256QAM	21100	50RB#0	18.59	19.14	33	PASS
Band7	10MHz	256QAM	21400	1RB#0	18.79	19.34	33	PASS
Band7	10MHz	256QAM	21400	1RB#24	18.65	19.2	33	PASS
Band7	10MHz	256QAM	21400	1RB#49	18.58	19.13	33	PASS
Band7	10MHz	256QAM	21400	50RB#0	18.72	19.27	33	PASS
Band7	15MHz	QPSK	20825	1RB#0	23.66	24.21	33	PASS



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Band7	15MHz	QPSK	20825	1RB#38	23.75	24.3	33	PASS
Band7	15MHz	QPSK	20825	1RB#74	23.59	24.14	33	PASS
Band7	15MHz	QPSK	20825	75RB#0	22.69	23.24	33	PASS
Band7	15MHz	QPSK	21100	1RB#0	23.65	24.2	33	PASS
Band7	15MHz	QPSK	21100	1RB#38	23.56	24.11	33	PASS
Band7	15MHz	QPSK	21100	1RB#74	23.79	24.34	33	PASS
Band7	15MHz	QPSK	21100	75RB#0	22.57	23.12	33	PASS
Band7	15MHz	QPSK	21375	1RB#0	23.54	24.09	33	PASS
Band7	15MHz	QPSK	21375	1RB#38	23.39	23.94	33	PASS
Band7	15MHz	QPSK	21375	1RB#74	23.44	23.99	33	PASS
Band7	15MHz	QPSK	21375	75RB#0	22.56	23.11	33	PASS
Band7	15MHz	16QAM	20825	1RB#0	22.69	23.24	33	PASS
Band7	15MHz	16QAM	20825	1RB#38	22.63	23.18	33	PASS
Band7	15MHz	16QAM	20825	1RB#74	22.74	23.29	33	PASS
Band7	15MHz	16QAM	20825	75RB#0	21.73	22.28	33	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.72	23.27	33	PASS
Band7	15MHz	16QAM	21100	1RB#38	22.76	23.31	33	PASS
Band7	15MHz	16QAM	21100	1RB#74	22.65	23.2	33	PASS
Band7	15MHz	16QAM	21100	75RB#0	21.53	22.08	33	PASS
Band7	15MHz	16QAM	21375	1RB#0	22.49	23.04	33	PASS
Band7	15MHz	16QAM	21375	1RB#38	22.57	23.12	33	PASS
Band7	15MHz	16QAM	21375	1RB#74	22.39	22.94	33	PASS
Band7	15MHz	16QAM	21375	75RB#0	21.56	22.11	33	PASS
Band7	15MHz	64QAM	20825	1RB#0	21.79	22.34	33	PASS
Band7	15MHz	64QAM	20825	1RB#38	21.76	22.31	33	PASS
Band7	15MHz	64QAM	20825	1RB#74	21.85	22.4	33	PASS
Band7	15MHz	64QAM	20825	75RB#0	20.72	21.27	33	PASS
Band7	15MHz	64QAM	21100	1RB#0	22	22.55	33	PASS
Band7	15MHz	64QAM	21100	1RB#38	21.79	22.34	33	PASS
Band7	15MHz	64QAM	21100	1RB#74	21.75	22.3	33	PASS
Band7	15MHz	64QAM	21100	75RB#0	20.44	20.99	33	PASS
Band7	15MHz	64QAM	21375	1RB#0	21.65	22.2	33	PASS
Band7	15MHz	64QAM	21375	1RB#38	21.66	22.21	33	PASS
Band7	15MHz	64QAM	21375	1RB#74	21.55	22.1	33	PASS



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Band7	15MHz	256QAM	20825	1RB#0	18.74	19.29	33	PASS
Band7	15MHz	256QAM	20825	1RB#38	18.7	19.25	33	PASS
Band7	15MHz	256QAM	20825	1RB#74	18.89	19.44	33	PASS
Band7	15MHz	256QAM	20825	75RB#0	18.78	19.33	33	PASS
Band7	15MHz	256QAM	21100	1RB#0	18.39	18.94	33	PASS
Band7	15MHz	256QAM	21100	1RB#38	18.62	19.17	33	PASS
Band7	15MHz	256QAM	21100	1RB#74	18.77	19.32	33	PASS
Band7	15MHz	256QAM	21100	75RB#0	18.64	19.19	33	PASS
Band7	15MHz	256QAM	21375	1RB#0	18.55	19.1	33	PASS
Band7	15MHz	256QAM	21375	1RB#38	18.59	19.14	33	PASS
Band7	15MHz	256QAM	21375	1RB#74	18.53	19.08	33	PASS
Band7	15MHz	256QAM	21375	75RB#0	18.53	19.08	33	PASS
Band7	20MHz	QPSK	20850	1RB#0	23.56	24.11	33	PASS
Band7	20MHz	QPSK	20850	1RB#49	23.45	24	33	PASS
Band7	20MHz	QPSK	20850	1RB#99	23.51	24.06	33	PASS
Band7	20MHz	QPSK	20850	100RB#0	22.8	23.35	33	PASS
Band7	20MHz	QPSK	21100	1RB#0	23.44	23.99	33	PASS
Band7	20MHz	QPSK	21100	1RB#49	23.63	24.18	33	PASS
Band7	20MHz	QPSK	21100	1RB#99	23.82	24.37	33	PASS
Band7	20MHz	QPSK	21100	100RB#0	22.62	23.17	33	PASS
Band7	20MHz	QPSK	21350	1RB#0	23.47	24.02	33	PASS
Band7	20MHz	QPSK	21350	1RB#49	23.58	24.13	33	PASS
Band7	20MHz	QPSK	21350	1RB#99	23.64	24.19	33	PASS
Band7	20MHz	QPSK	21350	100RB#0	22.51	23.06	33	PASS
Band7	20MHz	16QAM	20850	1RB#0	22.7	23.25	33	PASS
Band7	20MHz	16QAM	20850	1RB#49	22.79	23.34	33	PASS
Band7	20MHz	16QAM	20850	1RB#99	22.56	23.11	33	PASS
Band7	20MHz	16QAM	20850	100RB#0	21.62	22.17	33	PASS
Band7	20MHz	16QAM	21100	1RB#0	22.61	23.16	33	PASS
Band7	20MHz	16QAM	21100	1RB#49	22.57	23.12	33	PASS
Band7	20MHz	16QAM	21100	1RB#99	22.66	23.21	33	PASS
Band7	20MHz	16QAM	21100	100RB#0	21.54	22.09	33	PASS
Band7	20MHz	16QAM	21350	1RB#0	22.61	23.16	33	PASS



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Band7	20MHz	16QAM	21350	1RB#49	22.85	23.4	33	PASS
Band7	20MHz	16QAM	21350	1RB#99	22.39	22.94	33	PASS
Band7	20MHz	16QAM	21350	100RB#0	21.56	22.11	33	PASS
Band7	20MHz	64QAM	20850	1RB#0	21.87	22.42	33	PASS
Band7	20MHz	64QAM	20850	1RB#49	21.79	22.34	33	PASS
Band7	20MHz	64QAM	20850	1RB#99	21.63	22.18	33	PASS
Band7	20MHz	64QAM	20850	100RB#0	20.66	21.21	33	PASS
Band7	20MHz	64QAM	21100	1RB#0	21.56	22.11	33	PASS
Band7	20MHz	64QAM	21100	1RB#49	21.61	22.16	33	PASS
Band7	20MHz	64QAM	21100	1RB#99	21.69	22.24	33	PASS
Band7	20MHz	64QAM	21100	100RB#0	20.5	21.05	33	PASS
Band7	20MHz	64QAM	21350	1RB#0	21.78	22.33	33	PASS
Band7	20MHz	64QAM	21350	1RB#49	21.65	22.2	33	PASS
Band7	20MHz	64QAM	21350	1RB#99	21.59	22.14	33	PASS
Band7	20MHz	64QAM	21350	100RB#0	20.5	21.05	33	PASS
Band7	20MHz	256QAM	20850	1RB#0	18.77	19.32	33	PASS
Band7	20MHz	256QAM	20850	1RB#49	18.72	19.27	33	PASS
Band7	20MHz	256QAM	20850	1RB#99	18.75	19.3	33	PASS
Band7	20MHz	256QAM	20850	100RB#0	18.76	19.31	33	PASS
Band7	20MHz	256QAM	21100	1RB#0	18.5	19.05	33	PASS
Band7	20MHz	256QAM	21100	1RB#49	18.77	19.32	33	PASS
Band7	20MHz	256QAM	21100	1RB#99	18.76	19.31	33	PASS
Band7	20MHz	256QAM	21100	100RB#0	18.57	19.12	33	PASS
Band7	20MHz	256QAM	21350	1RB#0	18.5	19.05	33	PASS
Band7	20MHz	256QAM	21350	1RB#49	18.65	19.2	33	PASS
Band7	20MHz	256QAM	21350	1RB#99	18.52	19.07	33	PASS
Band7	20MHz	256QAM	21350	100RB#0	18.47	19.02	33	PASS



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2. Frequency Stability

2.4 B7_20MHz

2.4.1 Test Result

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	3.135	-0.872	-0.0003	/	Pass
					3.7	0.092	0.0000	/	Pass
					4.4	1.097	0.0004	/	Pass
				-30	3.7	0.428	0.0002	/	Pass
					3.7	-0.092	0.0000	/	Pass
					3.7	0.142	0.0001	/	Pass
				0	3.7	0.232	0.0001	/	Pass
					3.7	-1.447	-0.0006	/	Pass
					3.7	-0.941	-0.0004	/	Pass
				40	3.7	1.209	0.0005	/	Pass
					3.7	1.717	0.0007	/	Pass
					3.7	-0.902	-0.0004	/	Pass
	2535	100	0	20	3.135	-0.902	-0.0004	/	Pass
					3.7	-0.864	-0.0003	/	Pass
					4.4	-2.206	-0.0009	/	Pass
				-30	3.7	0.247	0.0001	/	Pass
					3.7	-2.491	-0.0010	/	Pass
					3.7	1.283	0.0005	/	Pass
				0	3.7	0.785	0.0003	/	Pass
					3.7	-0.174	-0.0001	/	Pass
					3.7	-1.405	-0.0006	/	Pass
				40	3.7	0.279	0.0001	/	Pass
					3.7	0.612	0.0002	/	Pass
					3.7	-0.894	-0.0003	/	Pass
	2560	100	0	20	3.135	-0.894	-0.0003	/	Pass
					3.7	-2.031	-0.0008	/	Pass
					4.4	-1.467	-0.0006	/	Pass
				-30	3.7	-2.492	-0.0010	/	Pass
					3.7	-2.454	-0.0010	/	Pass
					3.7	-2.270	-0.0009	/	Pass
				0	3.7	-0.120	0.0000	/	Pass
					3.7	-2.936	-0.0011	/	Pass
					3.7	0.696	0.0003	/	Pass
				40	3.7	-0.527	-0.0002	/	Pass
					3.7	-0.703	-0.0003	/	Pass
					3.7	-0.703	-0.0003	/	Pass



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3. Field Strength of Spurious Radiation

Test Band = LTE_B7
Test Channel = LCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3628.5314	53.81	-49.52	30.31	-60.66	-25.00	35.66	Horizontal
2	5160.858	52.68	-47.01	33.32	-56.27	-25.00	31.27	Horizontal
3	7461.9731	50.45	-43.44	36.68	-51.57	-25.00	26.57	Horizontal
4	8566.0283	49.38	-41.68	38.81	-48.75	-25.00	23.75	Horizontal
5	11278.9139	47.34	-38.59	39.62	-46.89	-25.00	21.89	Horizontal
6	15013.3507	46.87	-34.95	39.89	-43.45	-25.00	18.45	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3739.537	53.33	-49.57	30.46	-61.04	-25.00	36.04	Vertical
2	5161.6081	51.93	-47.00	33.30	-57.03	-25.00	32.03	Vertical
3	6979.699	50.69	-43.92	36.46	-52.03	-25.00	27.03	Vertical
4	8545.0273	49.19	-41.46	38.98	-48.55	-25.00	23.55	Vertical
5	11357.6679	47.67	-38.74	39.66	-46.67	-25.00	21.67	Vertical
6	14344.3172	47.58	-36.48	40.61	-43.55	-25.00	18.55	Vertical



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Test Band = LTE_B7
Test Channel = MCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3291.7646	52.81	-50.57	30.68	-62.34	-25.00	37.34	Horizontal
2	4217.3109	52.97	-48.87	31.71	-59.45	-25.00	34.45	Horizontal
3	5142.8571	52.08	-47.22	33.59	-56.81	-25.00	31.81	Horizontal
4	7370.4685	50.03	-43.57	36.86	-51.94	-25.00	26.94	Horizontal
5	9008.5504	48.82	-41.22	38.78	-48.88	-25.00	23.88	Horizontal
6	11866.1933	46.73	-38.08	39.64	-46.97	-25.00	21.97	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3612.7806	53.71	-49.54	30.25	-60.84	-25.00	35.84	Vertical
2	5149.6075	52.06	-47.18	33.60	-56.78	-25.00	31.78	Vertical
3	7376.4688	50.05	-43.61	36.85	-51.97	-25.00	26.97	Vertical
4	9508.8254	49.37	-40.69	39.18	-47.40	-25.00	22.40	Vertical
5	13425.5213	46.60	-36.50	40.25	-44.91	-25.00	19.91	Vertical
6	17535.7268	48.83	-38.13	41.16	-43.40	-25.00	18.40	Vertical



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Test Band = LTE_B7
Test Channel = HCH

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3995.2998	52.68	-49.00	31.08	-60.50	-25.00	35.50	Horizontal
2	5874.1437	51.12	-45.71	34.20	-55.65	-25.00	30.65	Horizontal
3	8554.7777	48.97	-41.45	39.01	-48.73	-25.00	23.73	Horizontal
4	11337.4169	47.49	-38.73	39.64	-46.86	-25.00	21.86	Horizontal
5	15006.6003	46.85	-34.86	39.89	-43.38	-25.00	18.38	Horizontal
6	17997.7499	48.78	-38.99	42.79	-42.68	-25.00	17.68	Horizontal

Final Data List								
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	3752.2876	53.40	-49.46	30.50	-60.82	-25.00	35.82	Vertical
2	5145.1073	52.28	-47.21	33.59	-56.60	-25.00	31.60	Vertical
3	7462.7231	50.19	-43.45	36.67	-51.85	-25.00	26.85	Vertical
4	9508.8254	49.17	-40.69	39.18	-47.60	-25.00	22.60	Vertical
5	13463.7732	46.60	-36.42	40.17	-44.91	-25.00	19.91	Vertical
6	17994.7497	48.80	-38.98	42.77	-42.67	-25.00	17.67	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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4. 99% & 26dB Bandwidth

4.1 Band7_OBW

4.1.1 Test Result

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	4.569	/	Pass
		2535	25	0	4.581	/	Pass
		2567.5	25	0	4.576	/	Pass
	16QAM	2502.5	25	0	4.582	/	Pass
		2535	25	0	4.576	/	Pass
		2567.5	25	0	4.593	/	Pass
	64QAM	2502.5	25	0	4.565	/	Pass
		2535	25	0	4.585	/	Pass
		2567.5	25	0	4.580	/	Pass
	256QAM	2502.5	25	0	4.575	/	Pass
		2535	25	0	4.577	/	Pass
		2567.5	25	0	4.579	/	Pass
10	QPSK	2505	50	0	9.117	/	Pass
		2535	50	0	9.087	/	Pass
		2565	50	0	9.098	/	Pass
	16QAM	2505	50	0	9.087	/	Pass
		2535	50	0	9.111	/	Pass
		2565	50	0	9.074	/	Pass
	64QAM	2505	50	0	9.086	/	Pass
		2535	50	0	9.077	/	Pass
		2565	50	0	9.101	/	Pass
	256QAM	2505	50	0	9.064	/	Pass
		2535	50	0	9.079	/	Pass
		2565	50	0	9.055	/	Pass
15	QPSK	2507.5	75	0	13.603	/	Pass
		2535	75	0	13.633	/	Pass
		2562.5	75	0	13.631	/	Pass
	16QAM	2507.5	75	0	13.611	/	Pass
		2535	75	0	13.631	/	Pass
		2562.5	75	0	13.643	/	Pass
	64QAM	2507.5	75	0	13.654	/	Pass
		2535	75	0	13.652	/	Pass
		2562.5	75	0	13.581	/	Pass
	256QAM	2507.5	75	0	13.599	/	Pass
		2535	75	0	13.585	/	Pass
		2562.5	75	0	13.660	/	Pass
20	QPSK	2510	100	0	18.093	/	Pass
		2535	100	0	18.090	/	Pass
		2560	100	0	18.102	/	Pass



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	16QAM	2510	100	0	18.108	/	Pass
		2535	100	0	18.173	/	Pass
		2560	100	0	18.133	/	Pass
	64QAM	2510	100	0	18.109	/	Pass
		2535	100	0	18.103	/	Pass
		2560	100	0	18.086	/	Pass
	256QAM	2510	100	0	18.090	/	Pass
		2535	100	0	18.121	/	Pass
		2560	100	0	18.126	/	Pass



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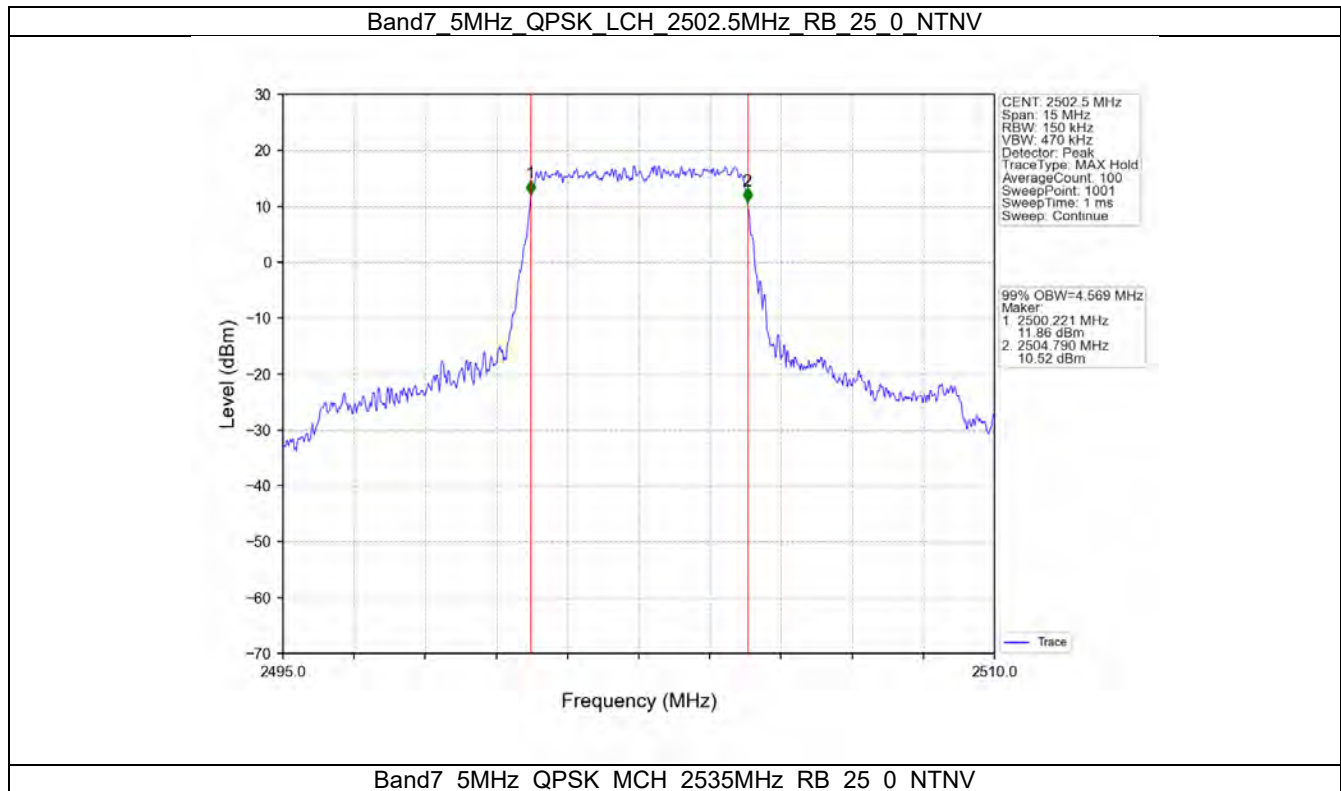
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4.1.2 Test Graph



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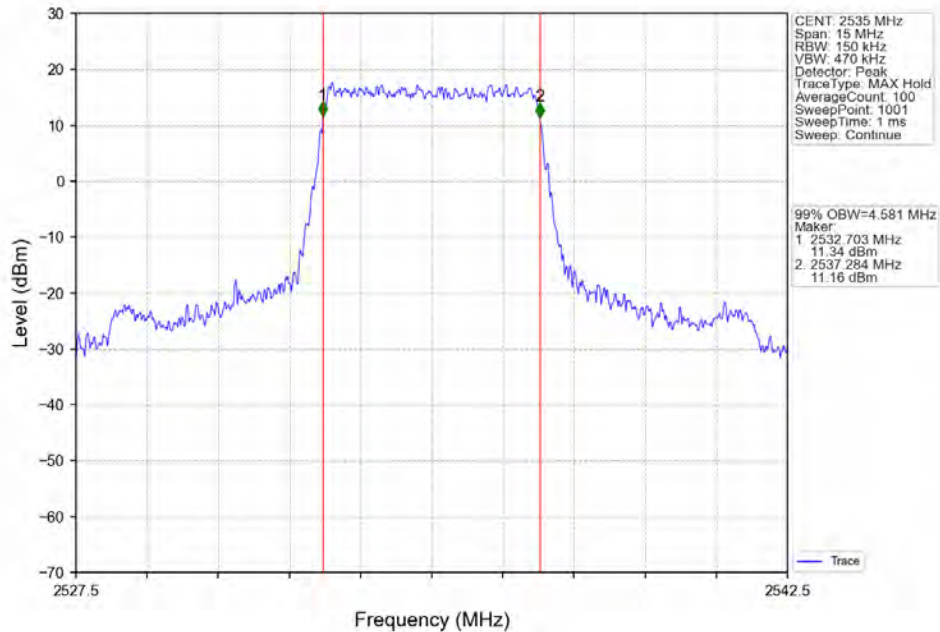
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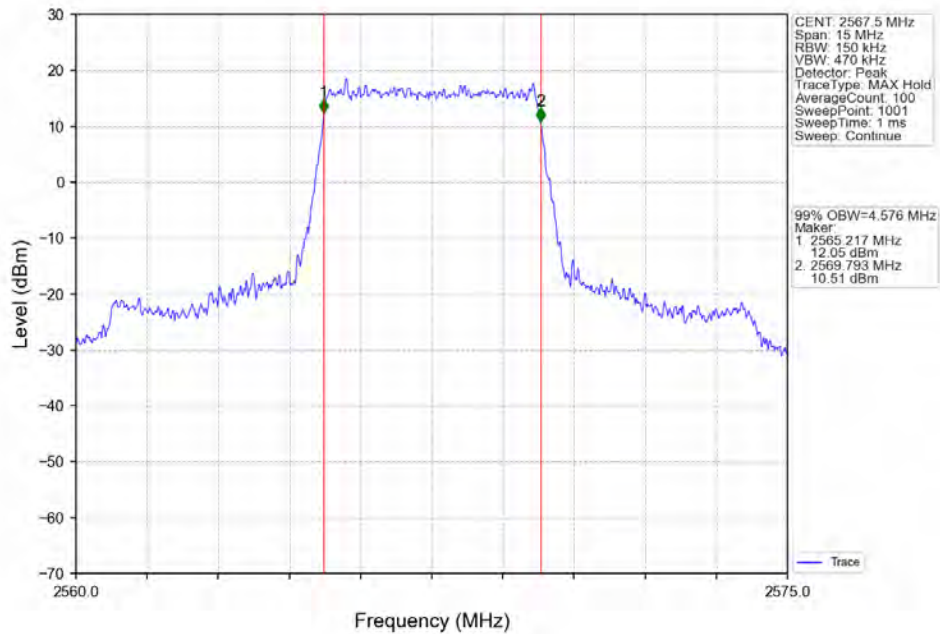
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Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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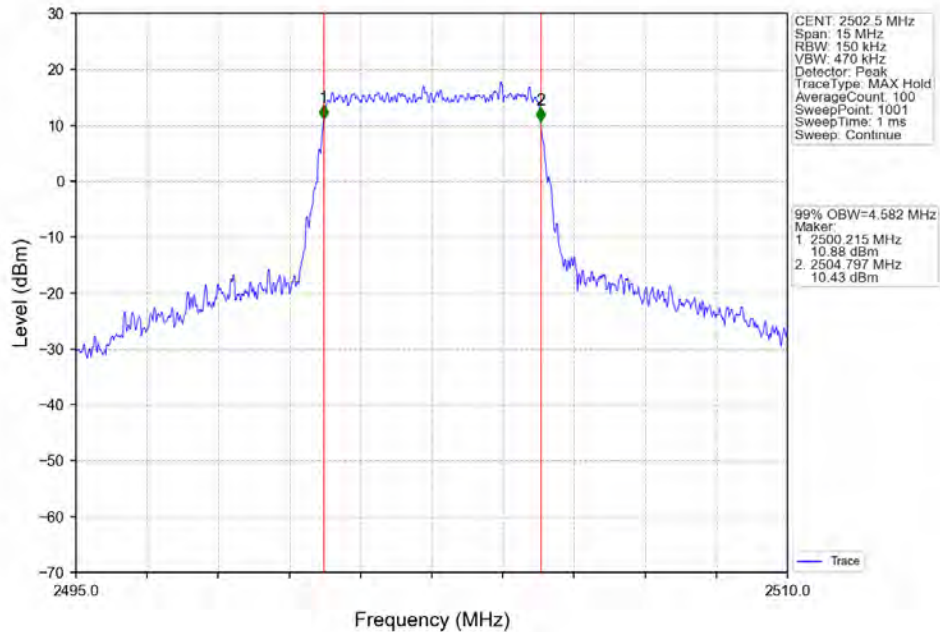
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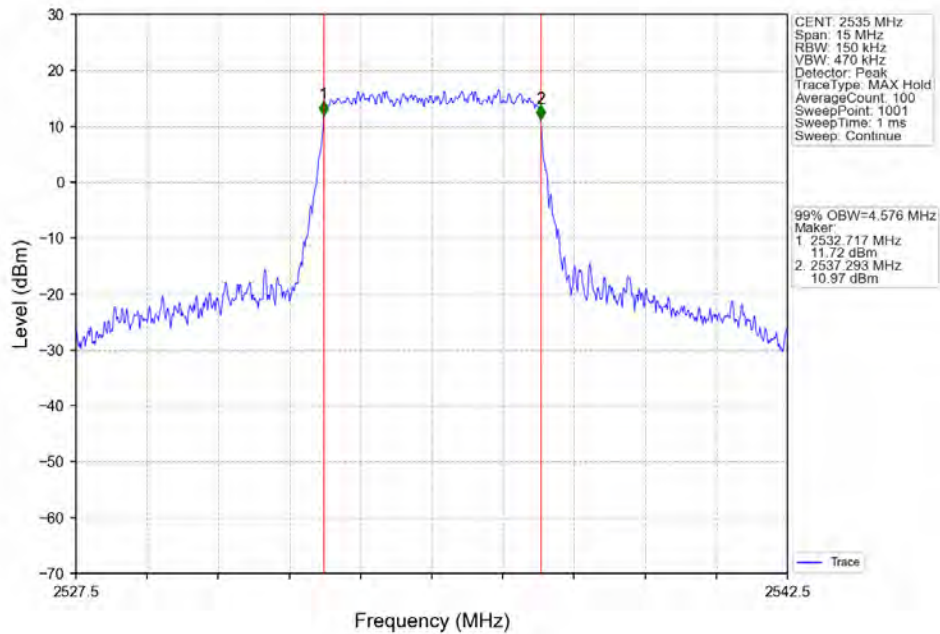
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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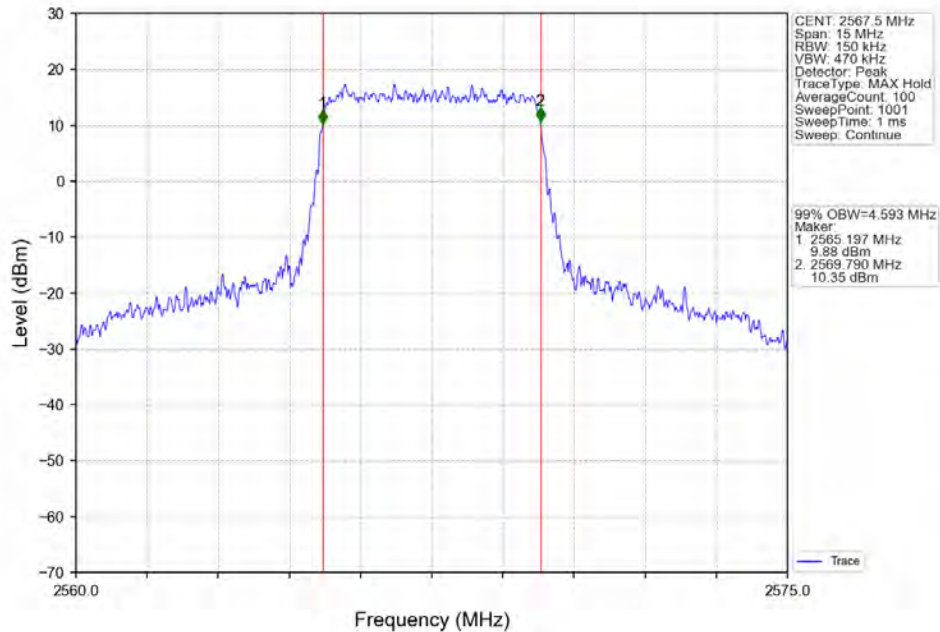
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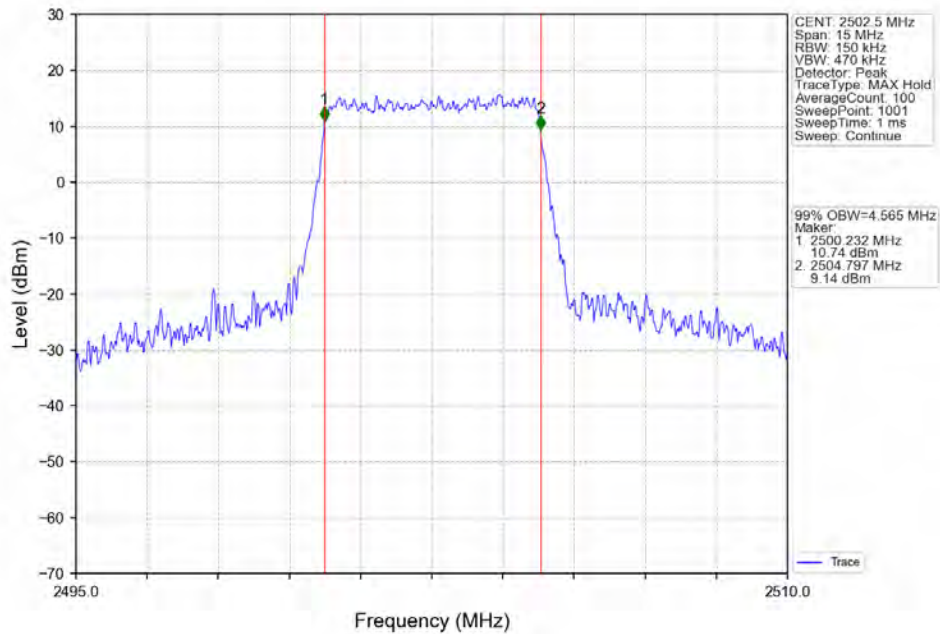
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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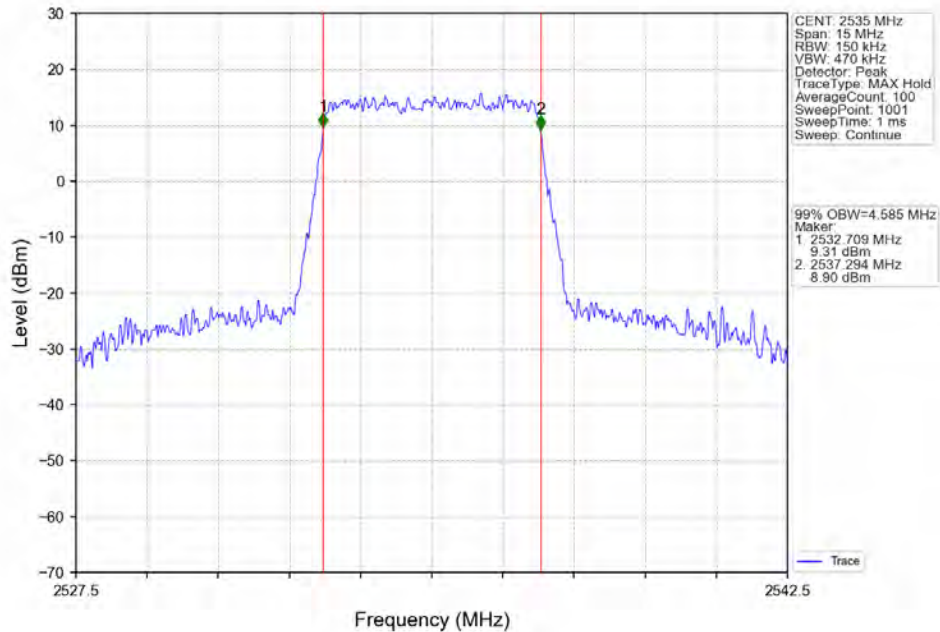
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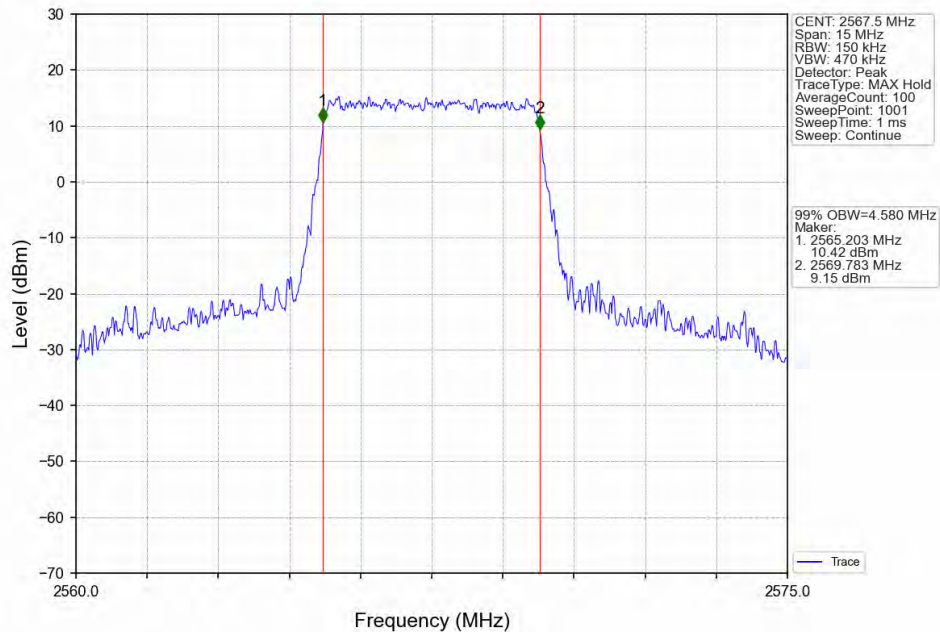
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Band7_5MHz_256QAM_LCH_2502.5MHz_RB_25_0_NTNV



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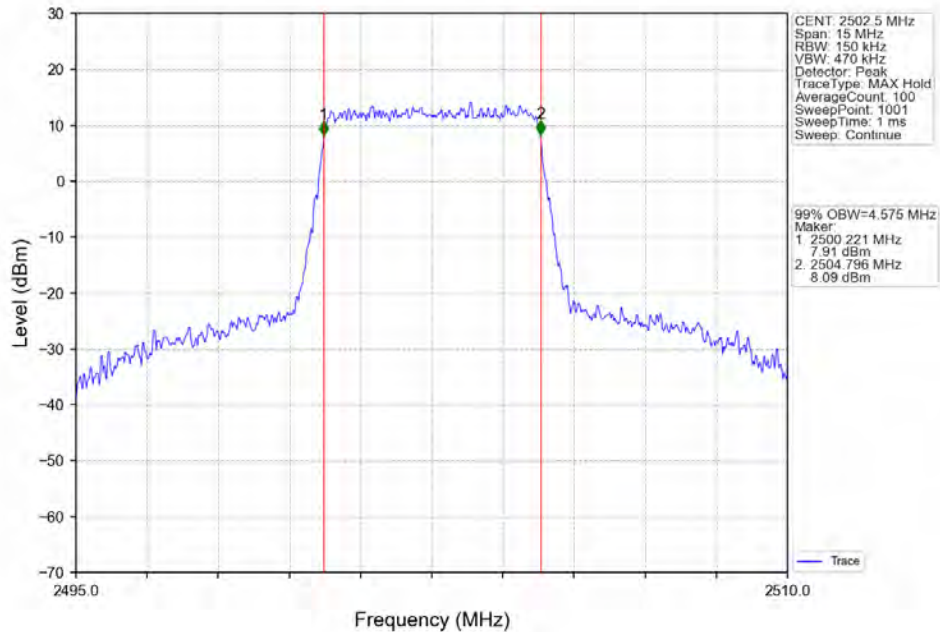
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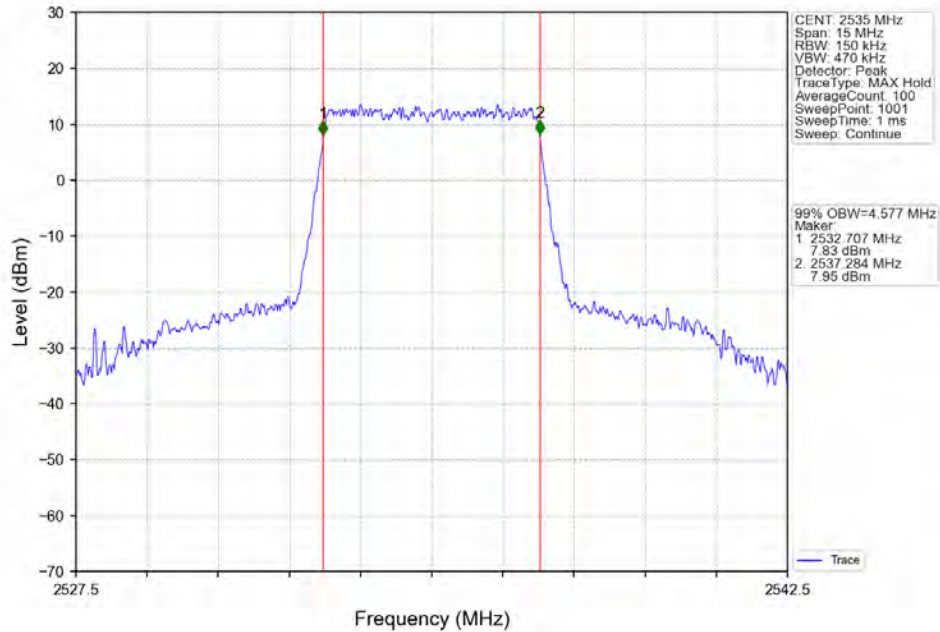
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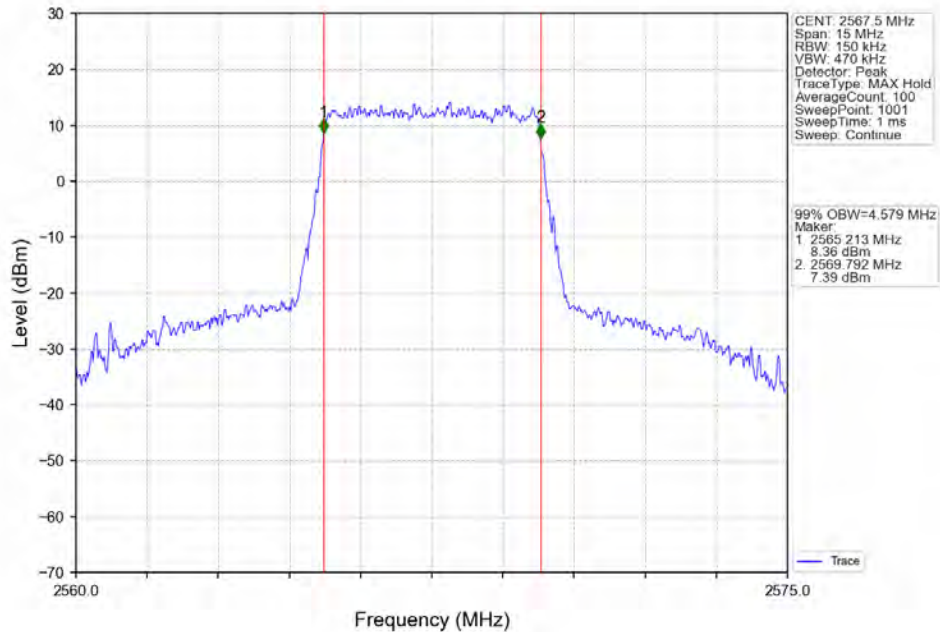
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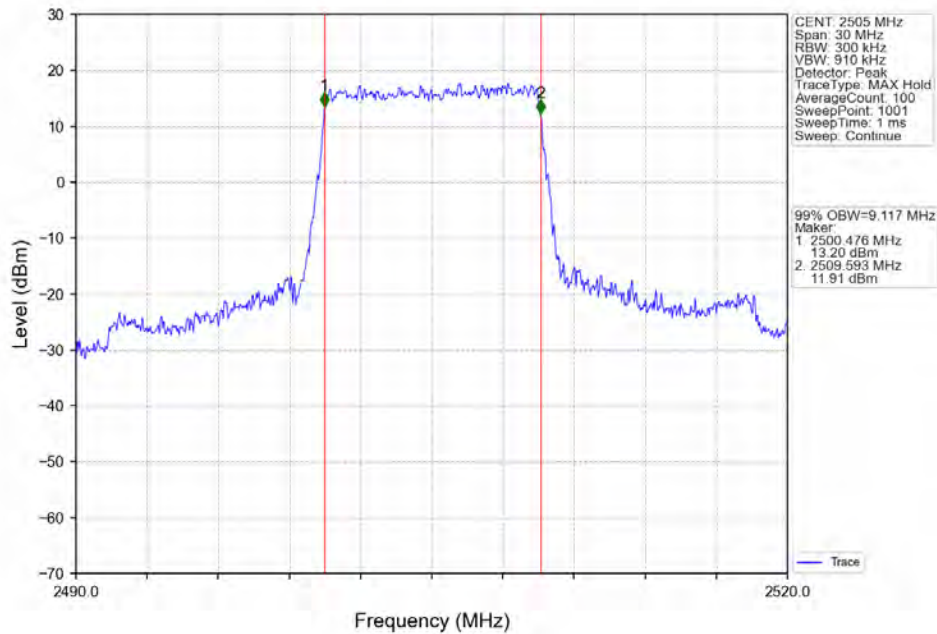
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Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



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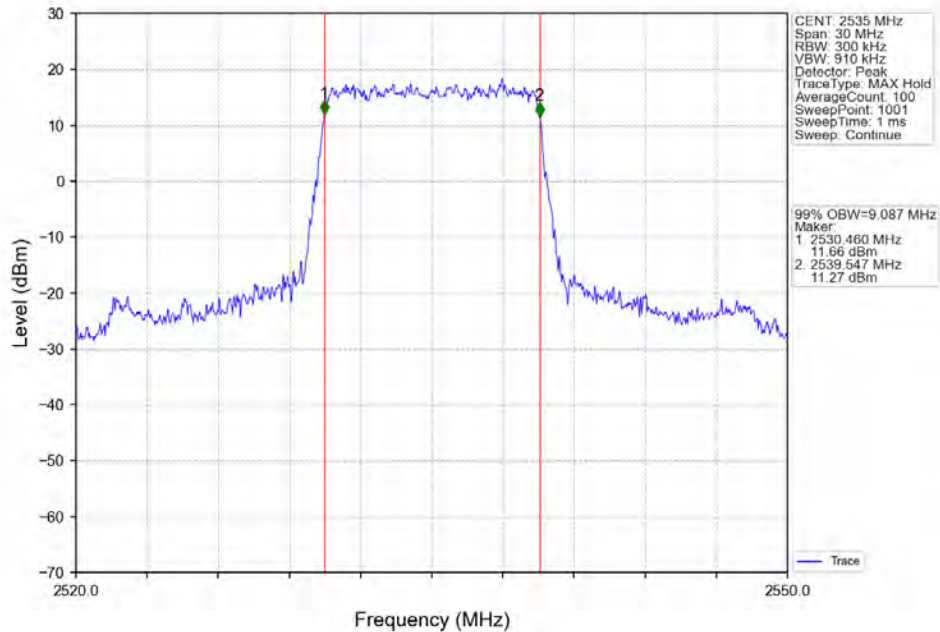
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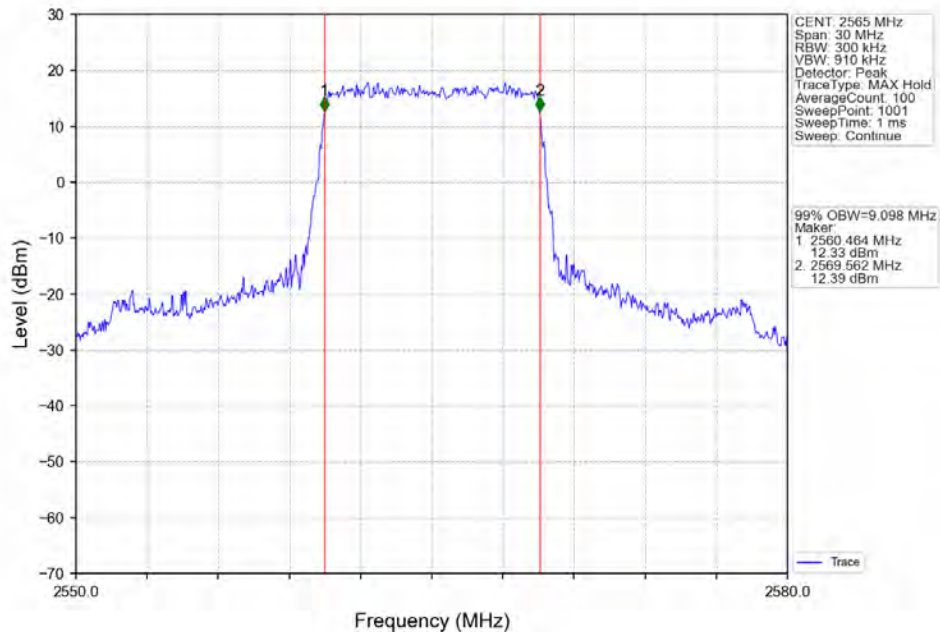
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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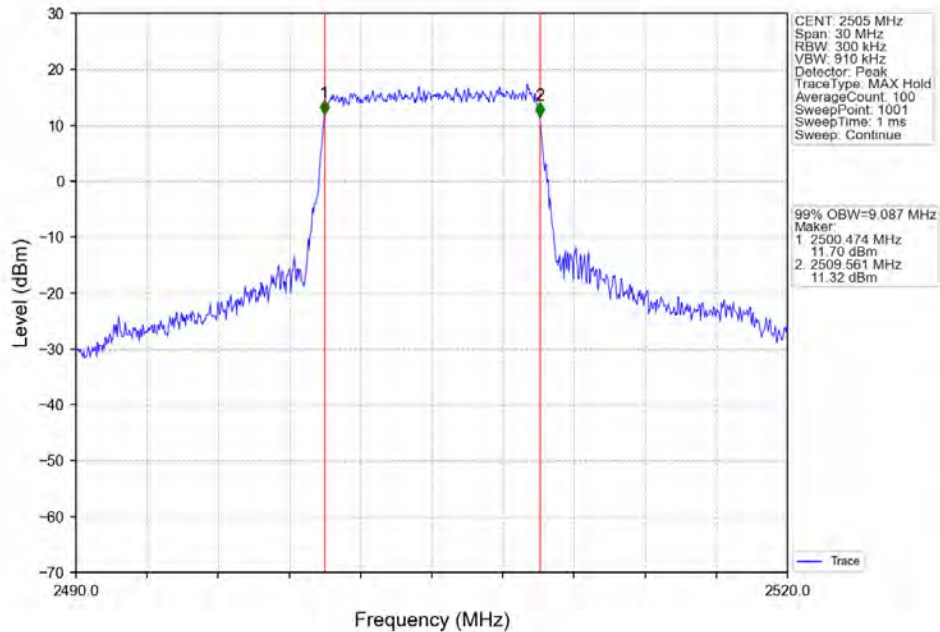
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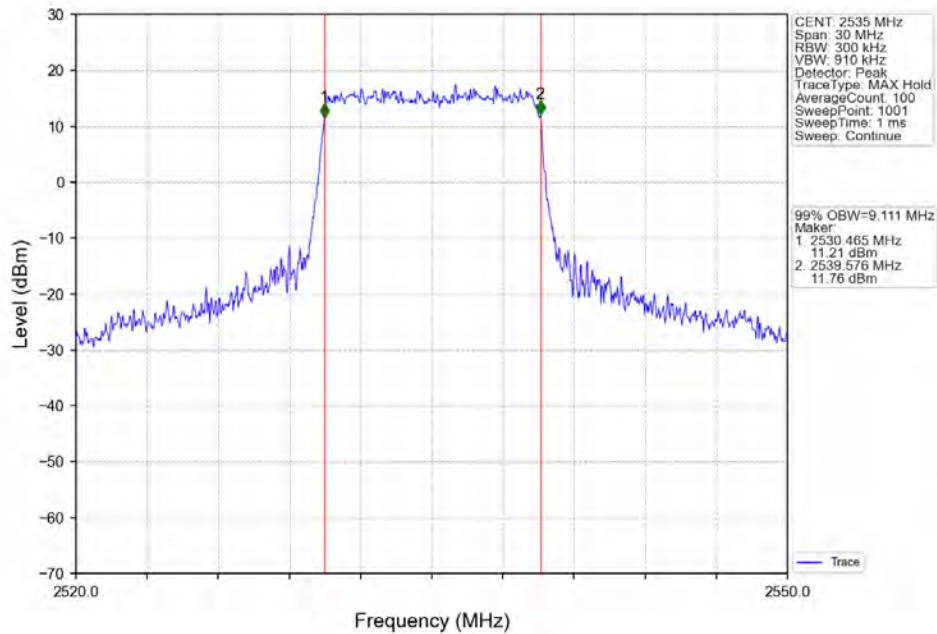
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Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



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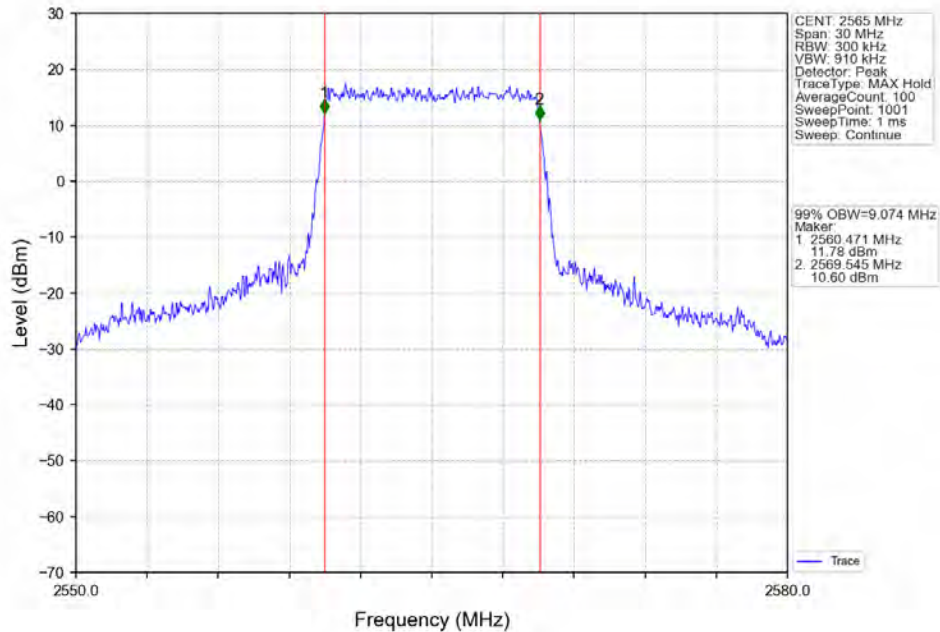
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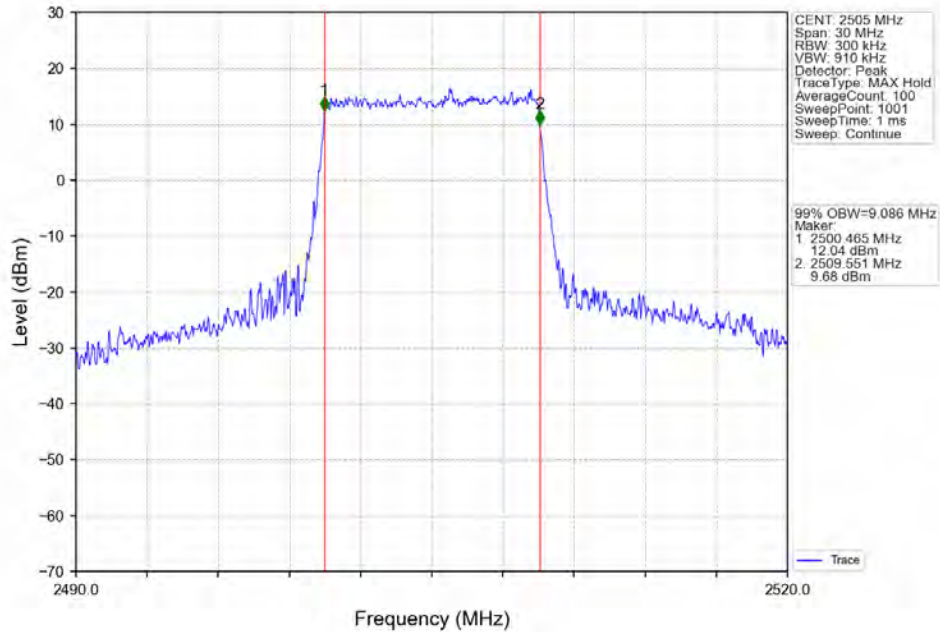
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Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



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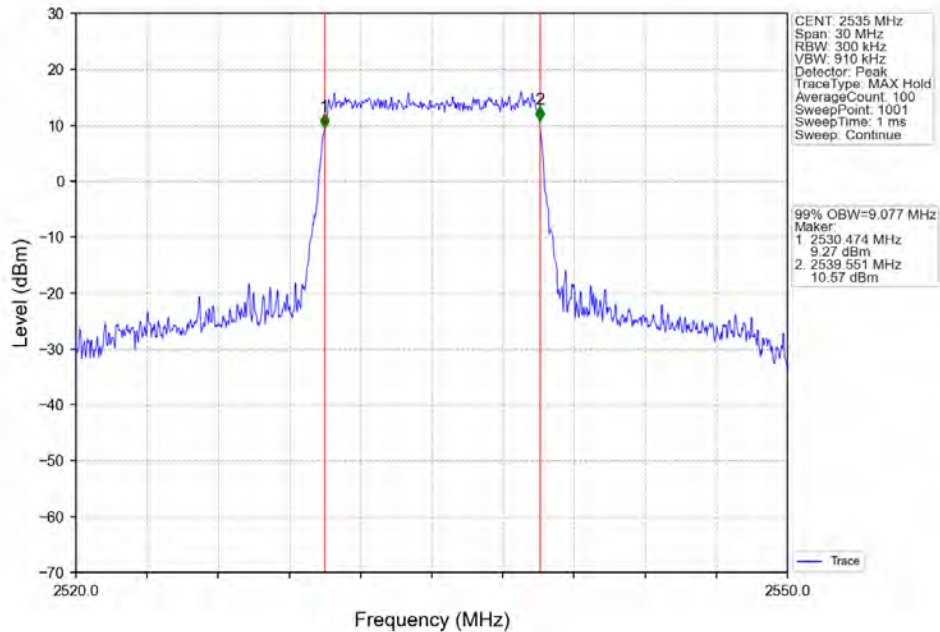
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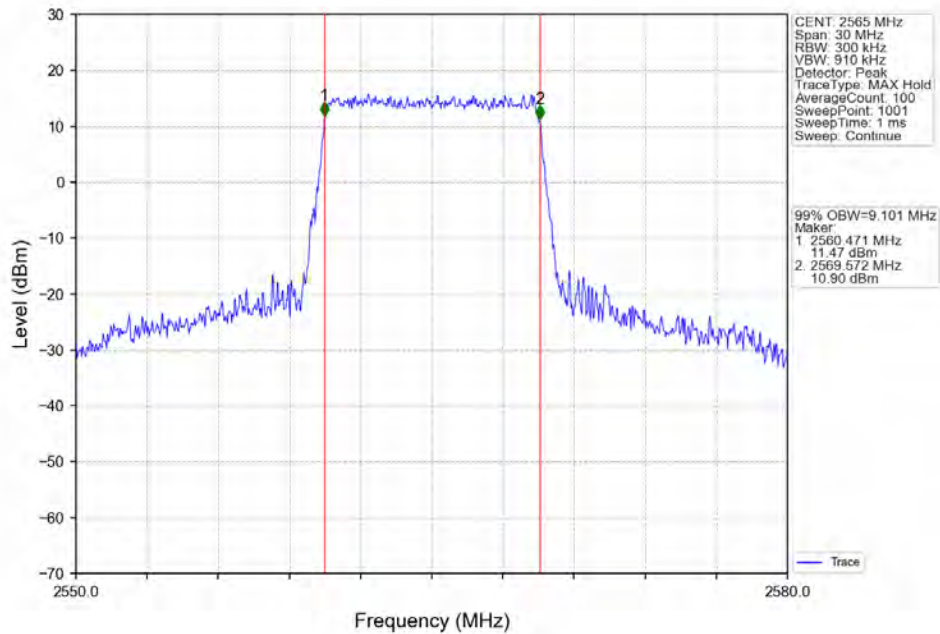
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Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



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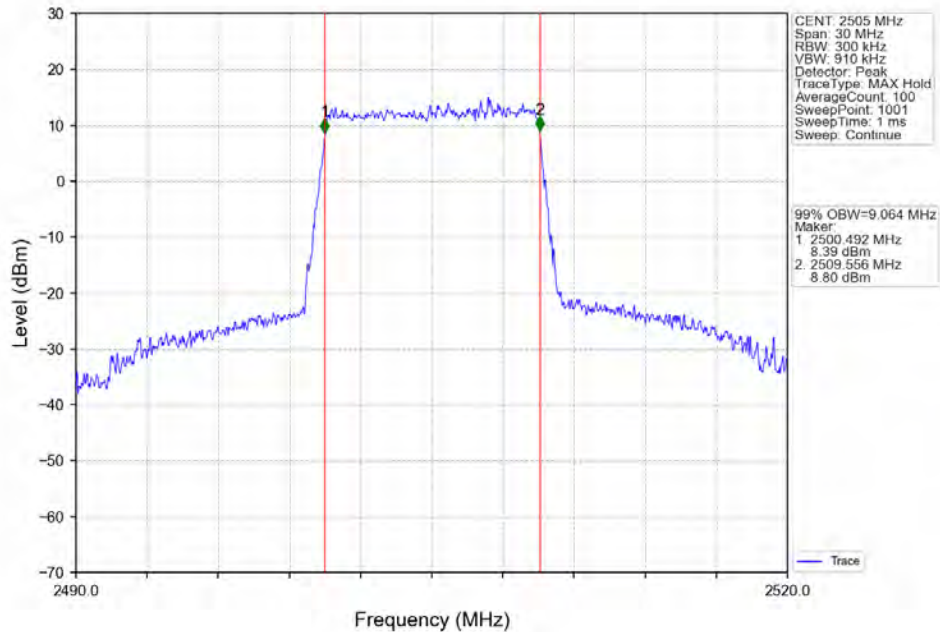
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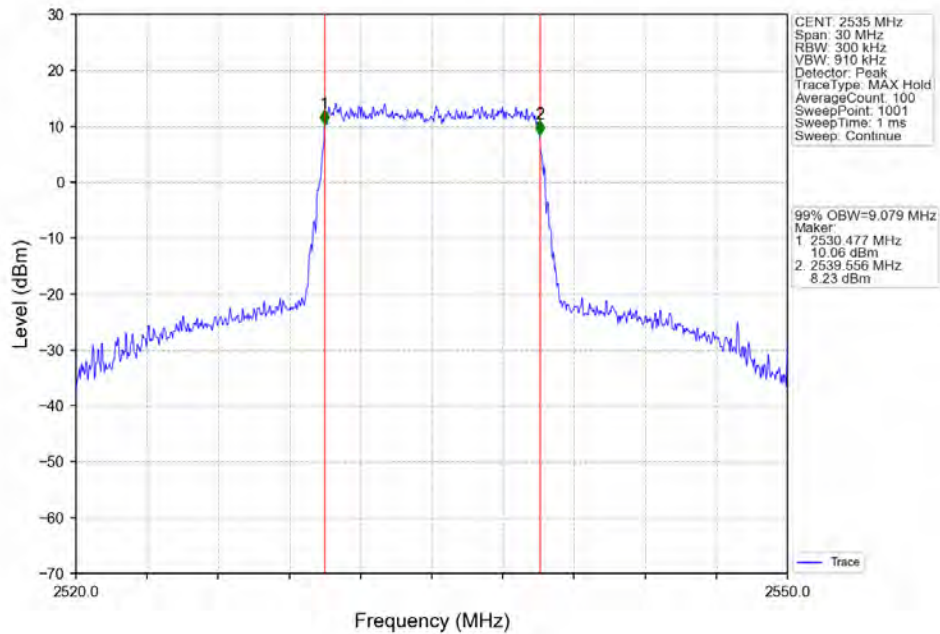
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Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



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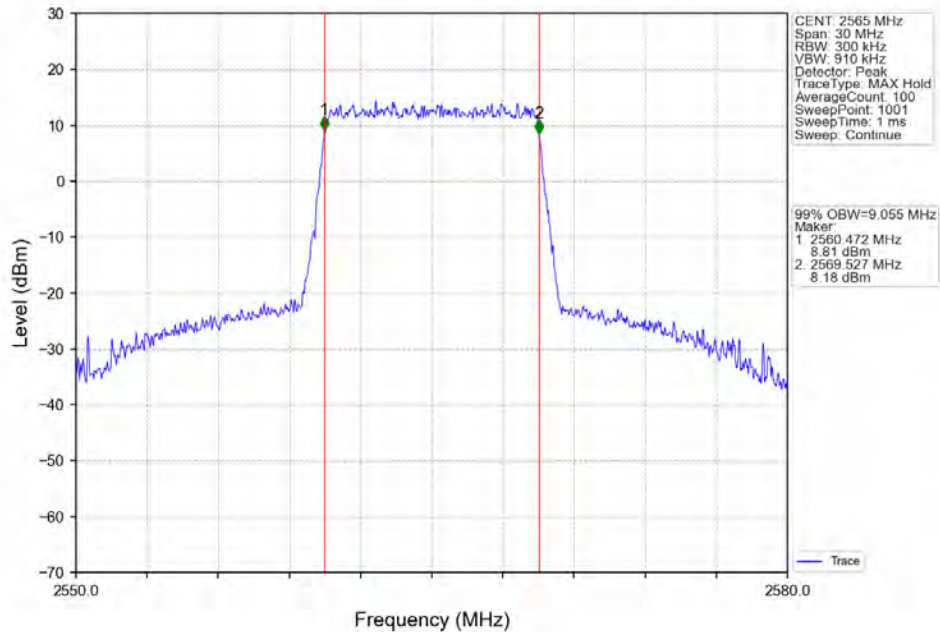
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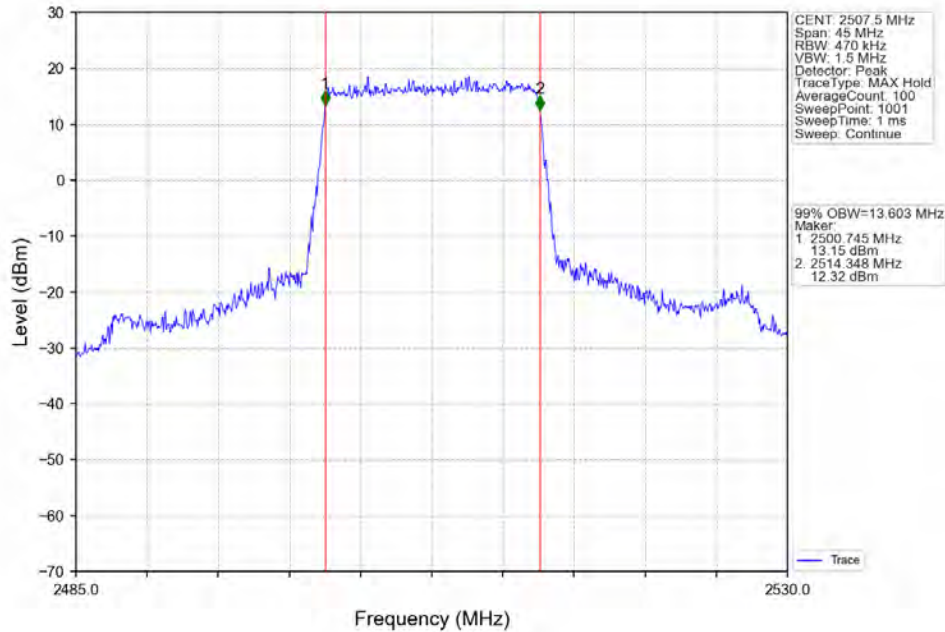
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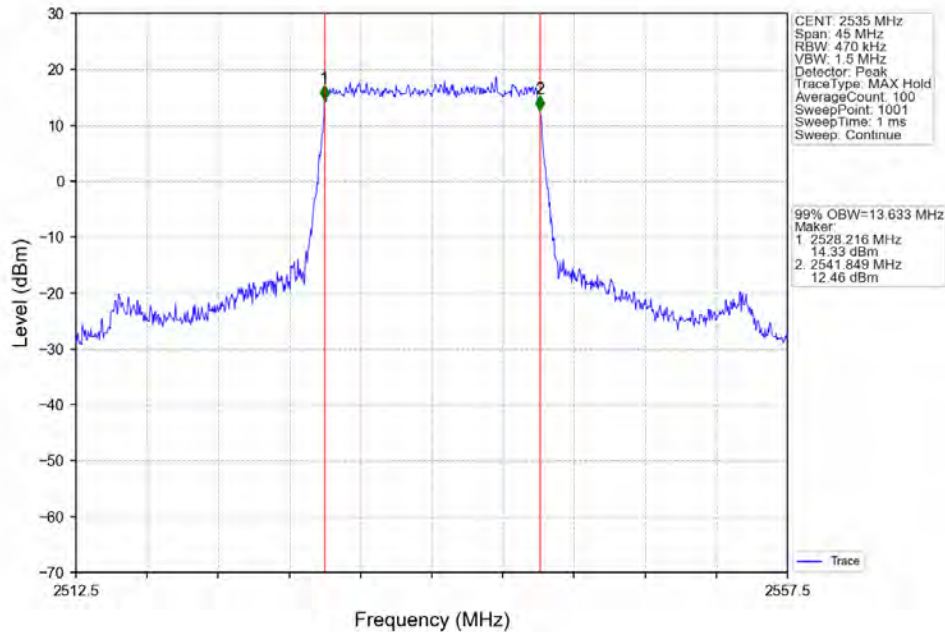
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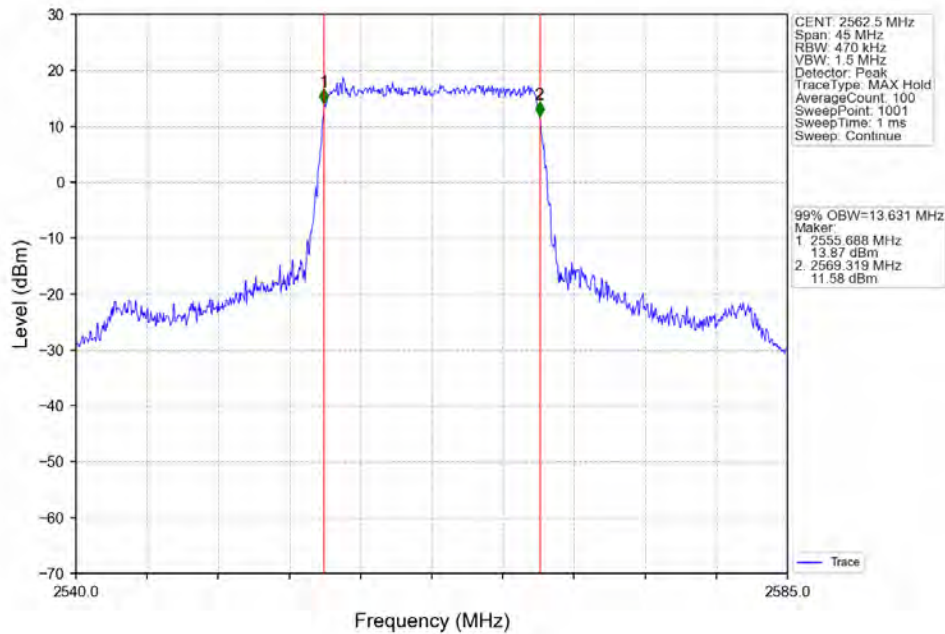
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Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTN



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



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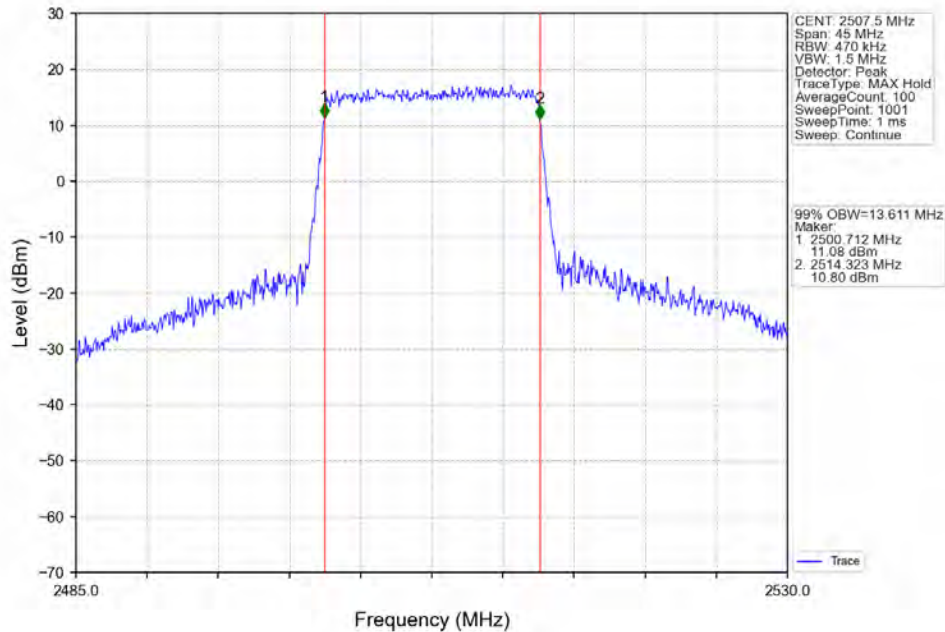
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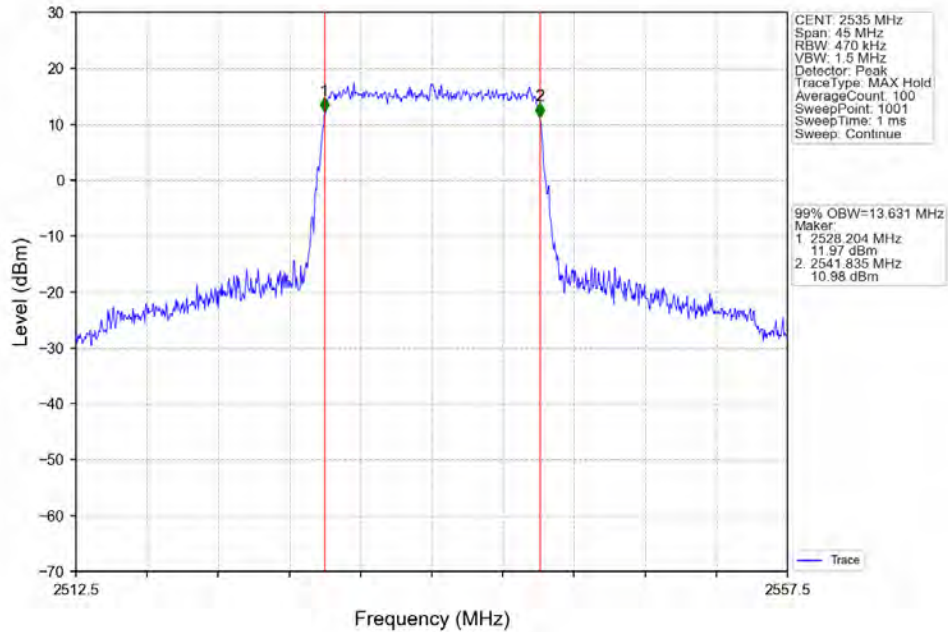
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Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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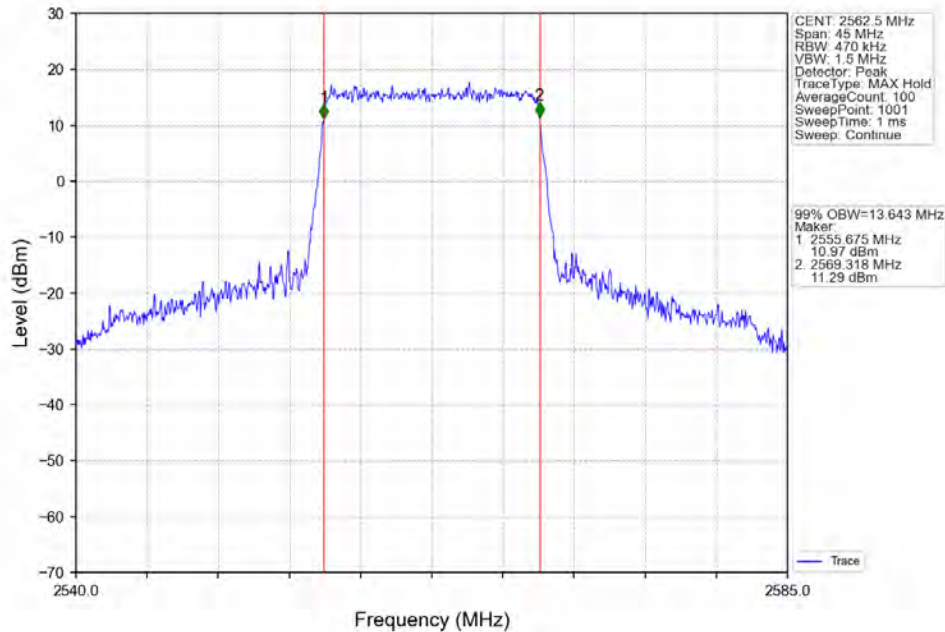
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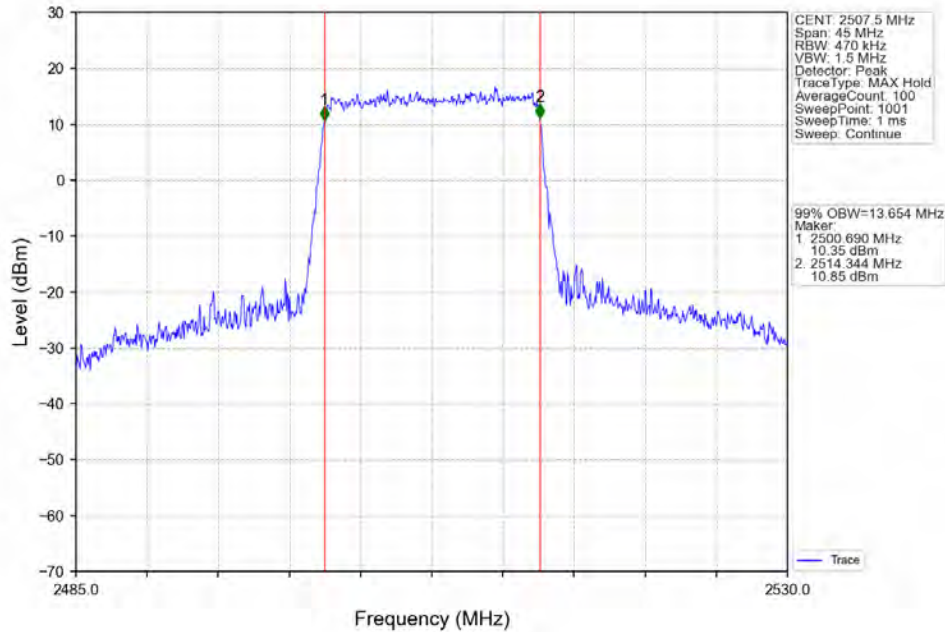
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Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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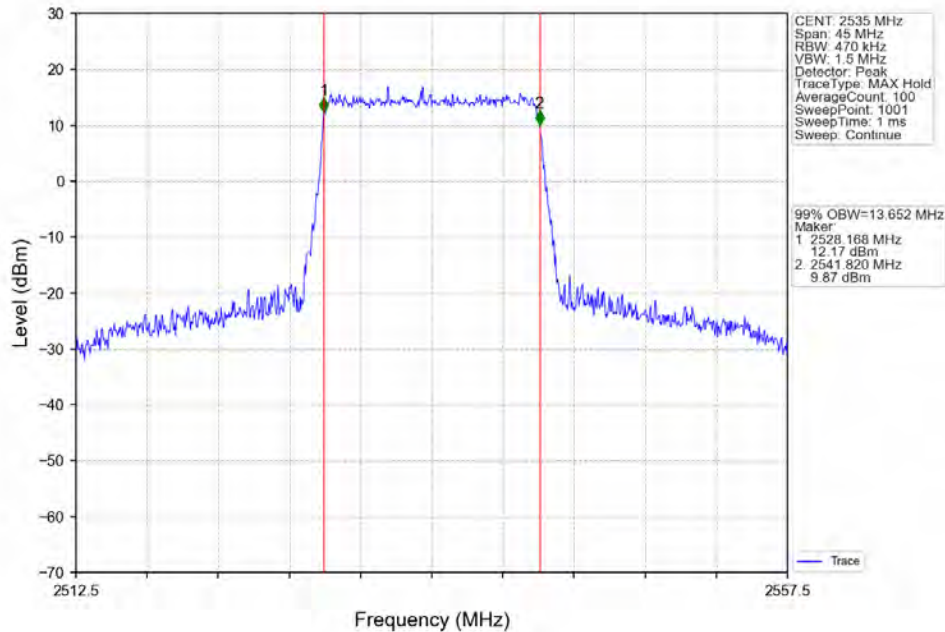
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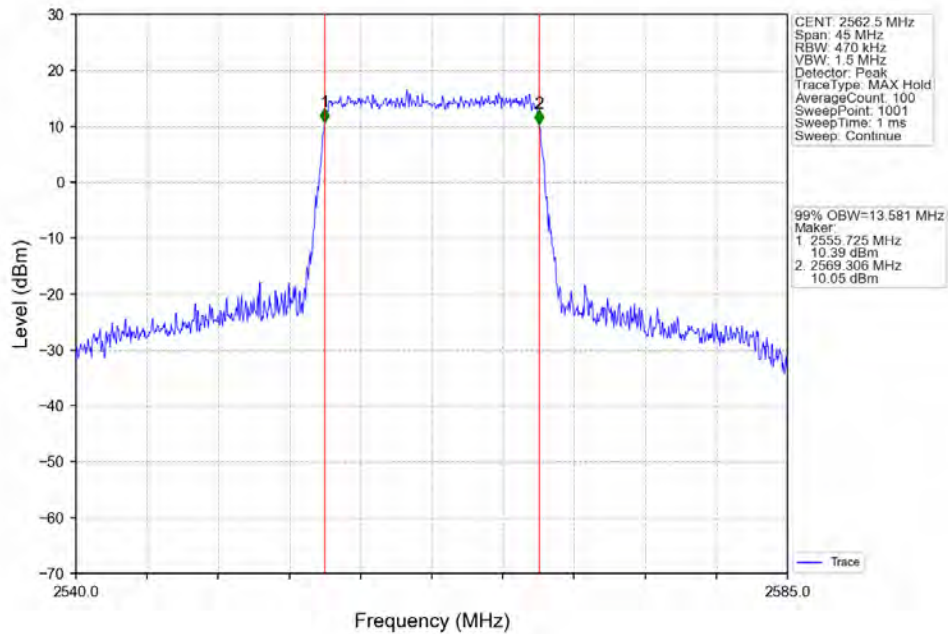
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Band7_15MHz_256QAM_LCH_2507.5MHz_RB_75_0_NTNV



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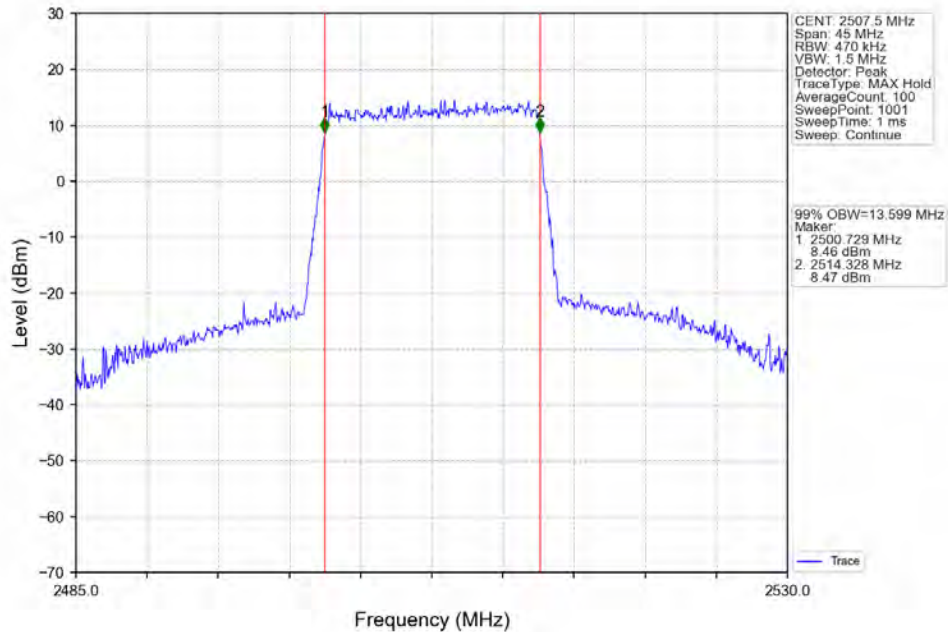
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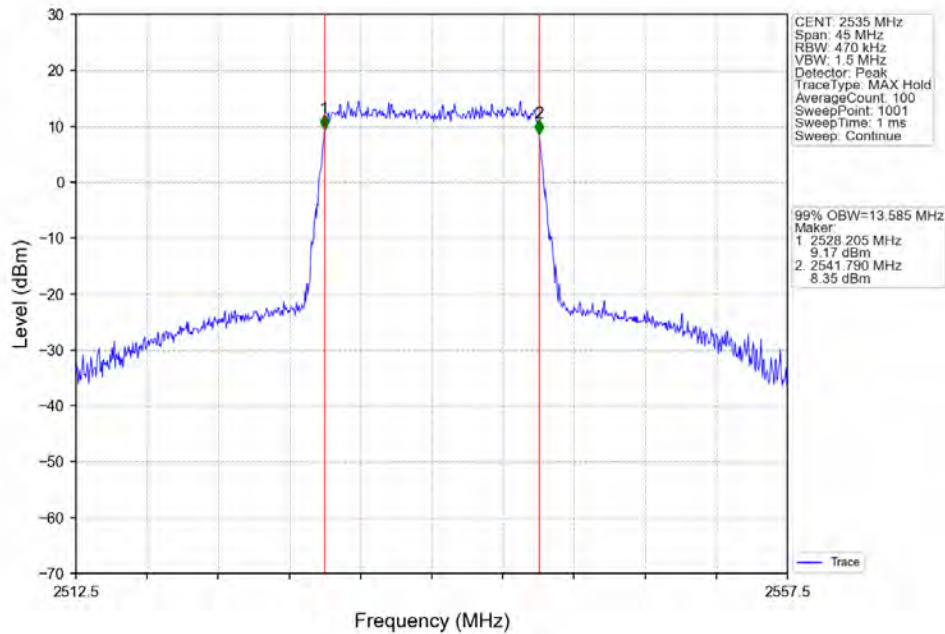
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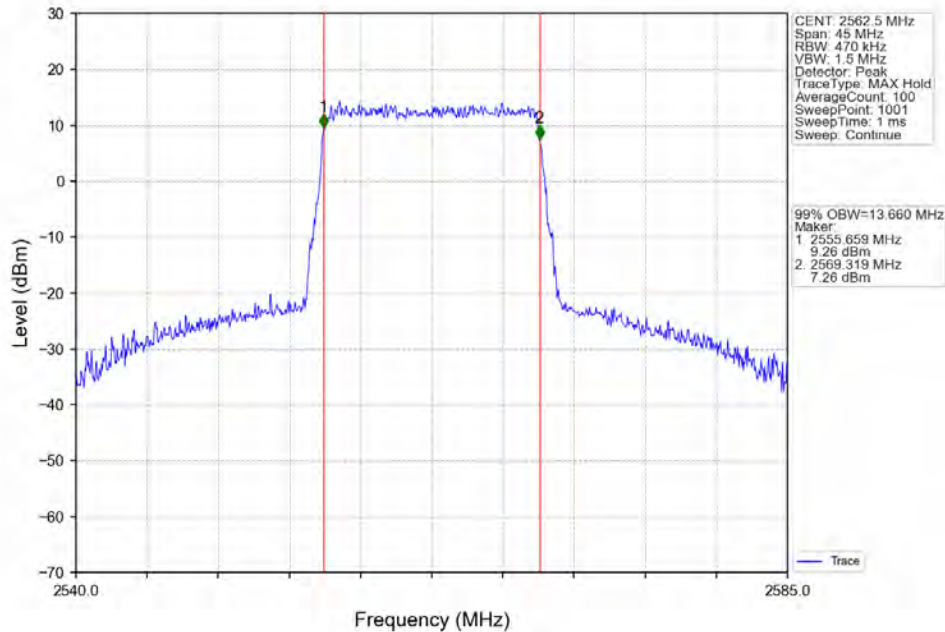
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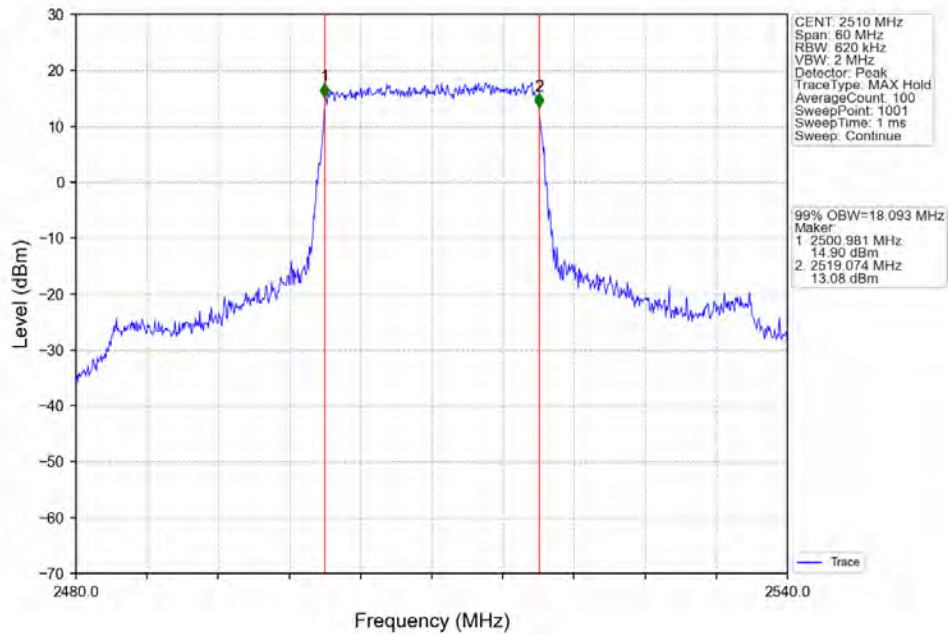
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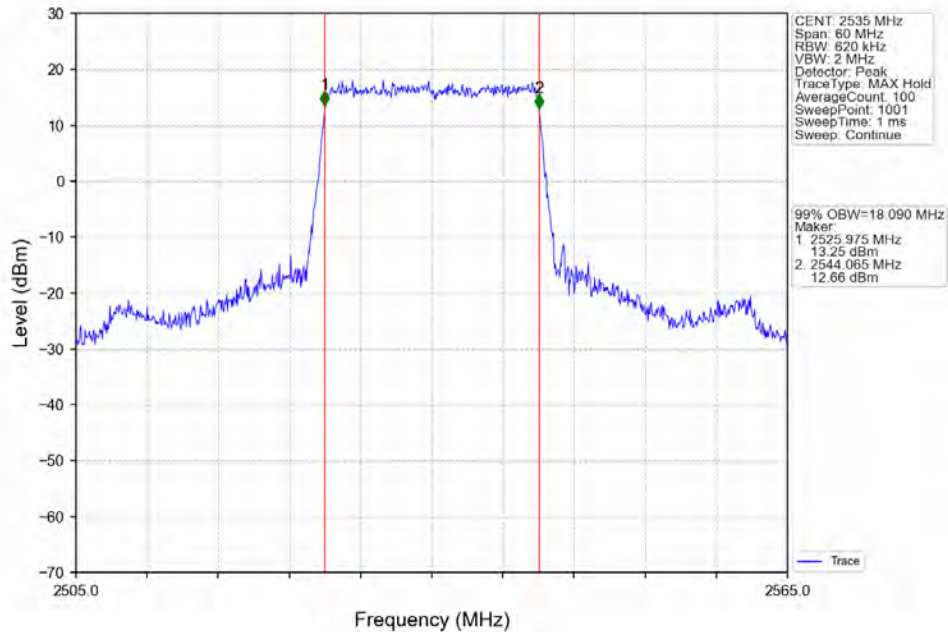
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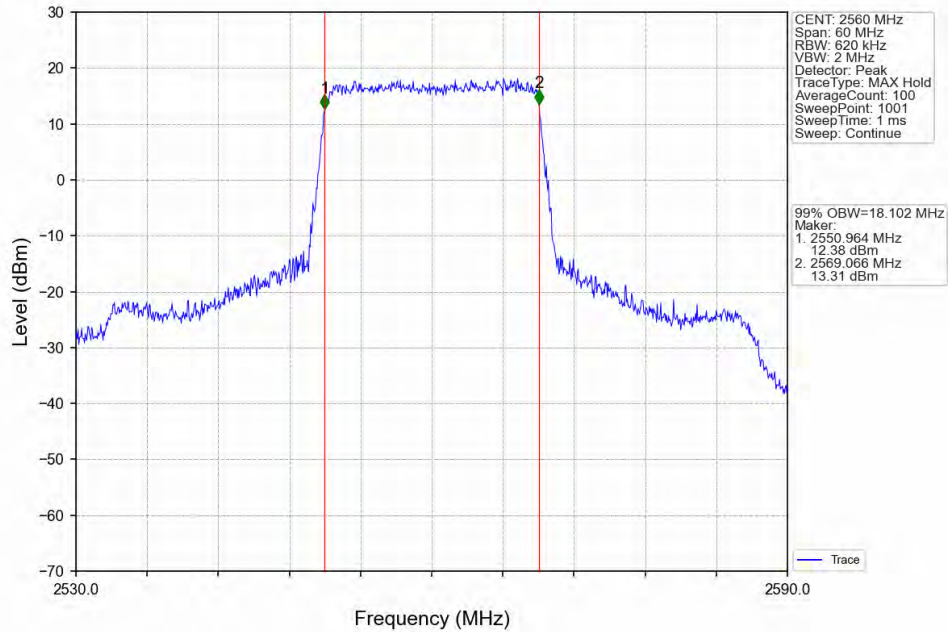
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Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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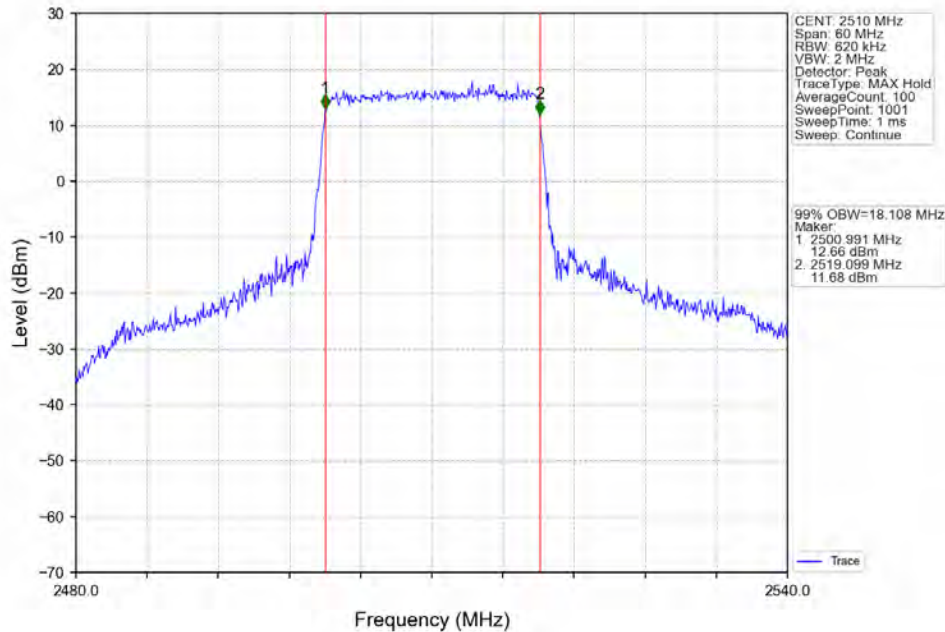
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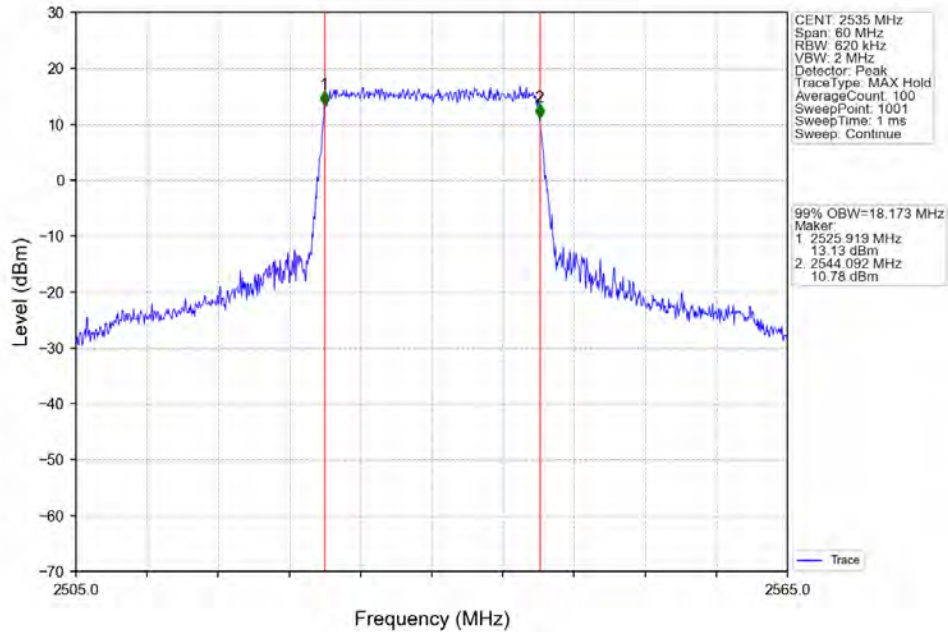
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN



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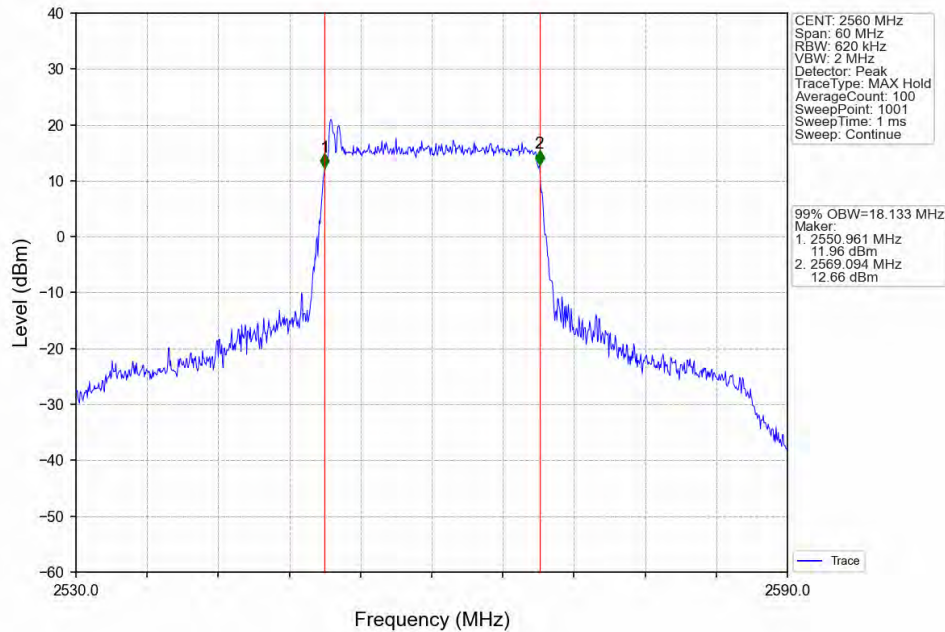
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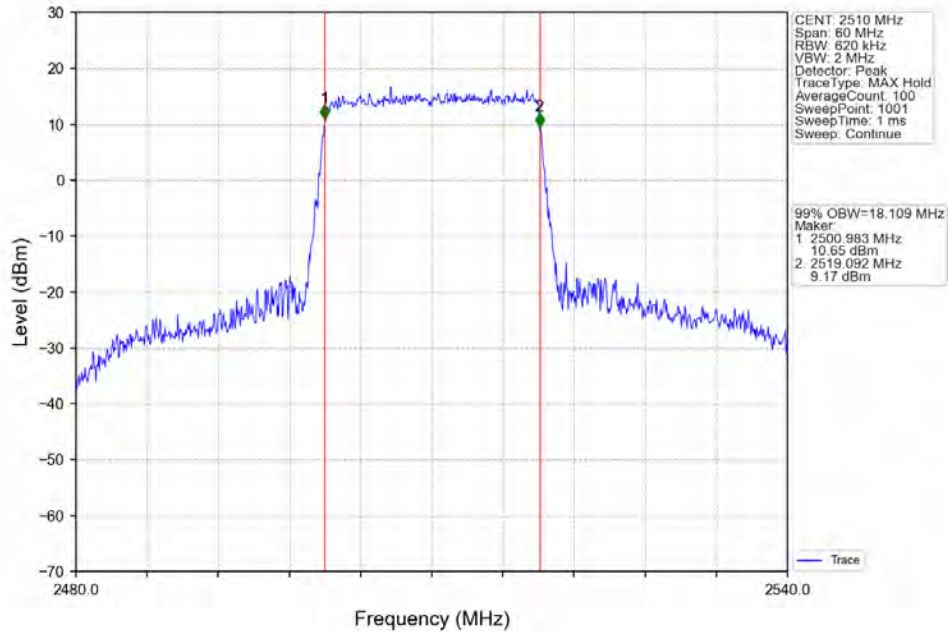
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Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTNV



Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTNV



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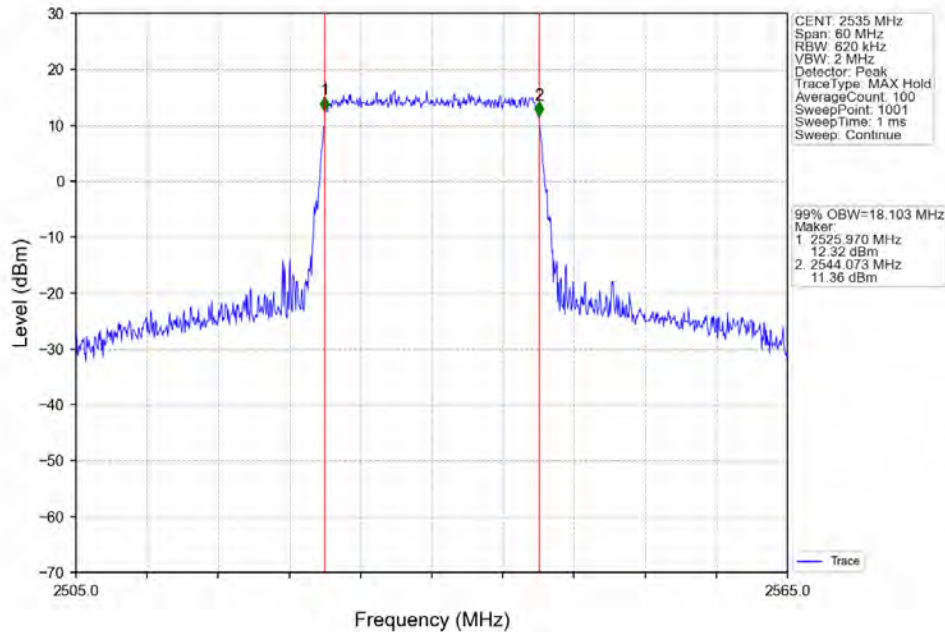
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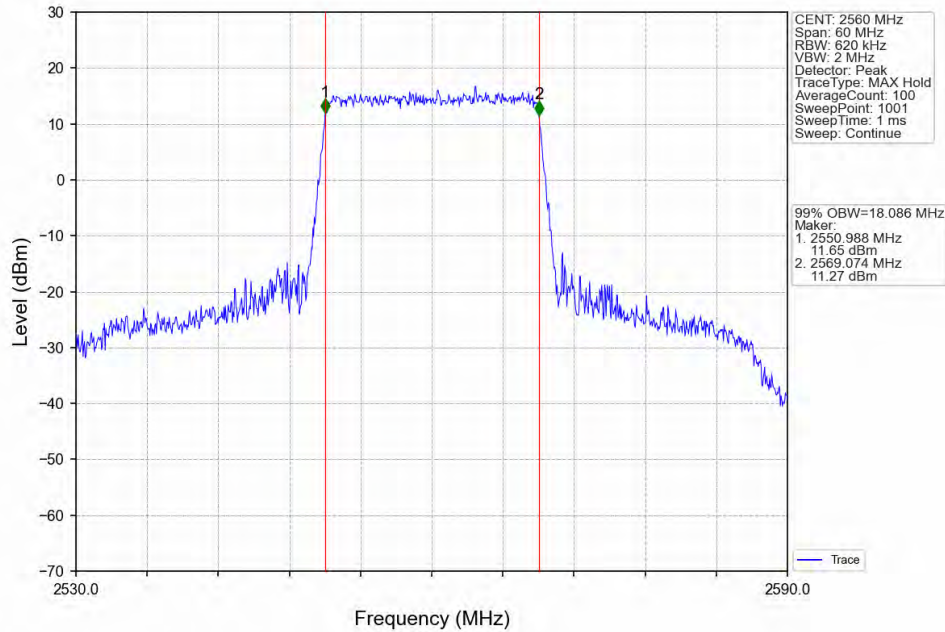
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Band7_20MHz_256QAM_LCH_2510MHz_RB_100_0_NTNV



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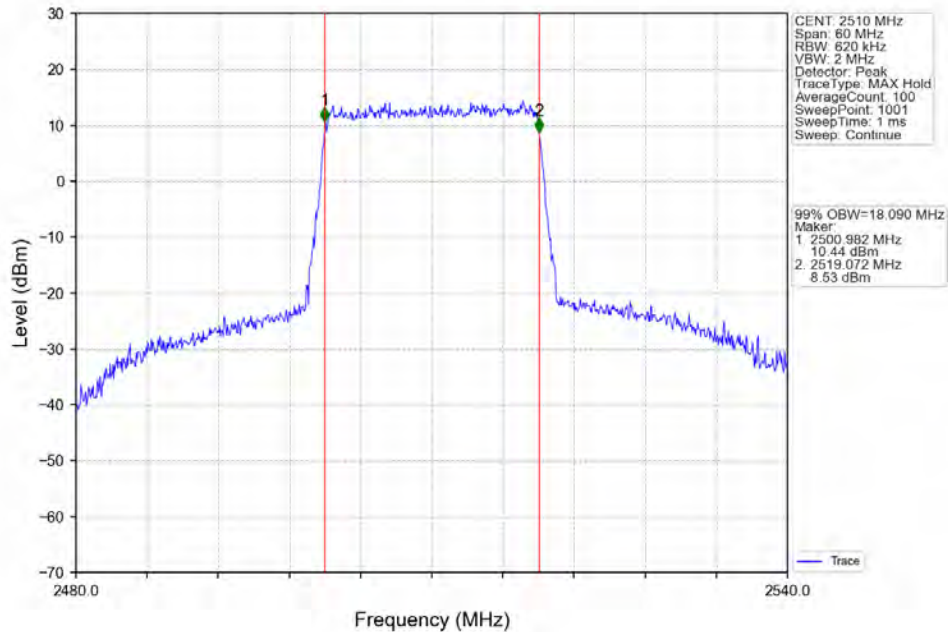
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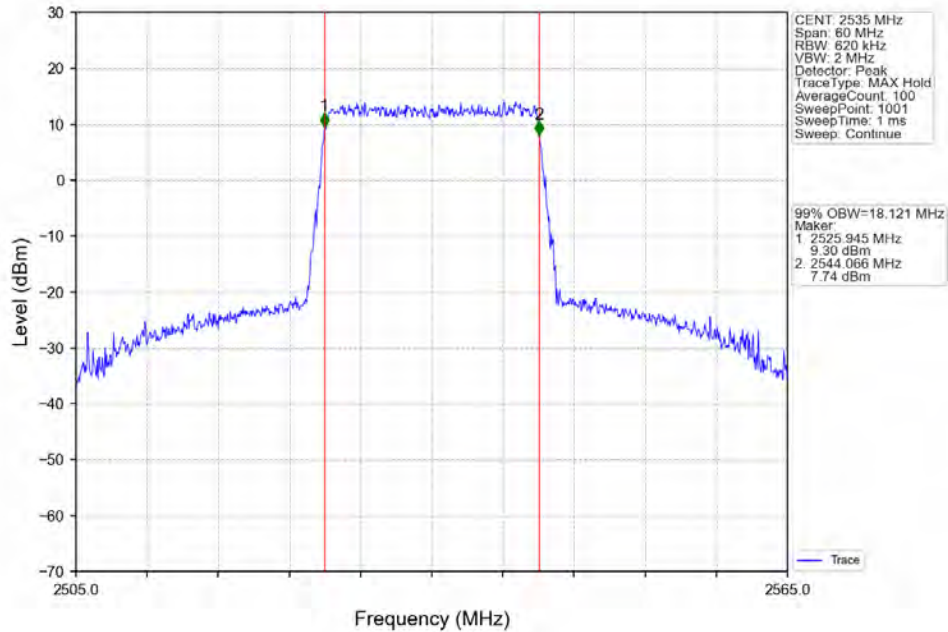
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Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



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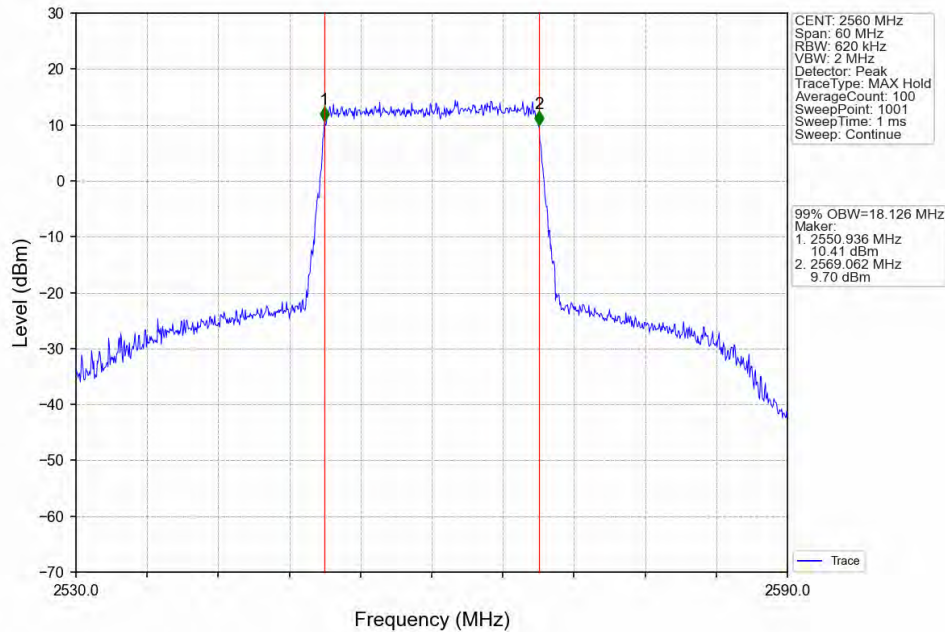
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4.2 Band7_XDB

4.2.1 Test Result

Band: 7 / NTNV							
Bandwidth (MHz)	Modulation	Frequency (MHz)	RB Allocation		26dB Bandwidth (MHz)		Verdict
			Size	Offset	Result	Limit	
5	QPSK	2502.5	25	0	5.291	/	Pass
		2535	25	0	5.290	/	Pass
		2567.5	25	0	5.204	/	Pass
	16QAM	2502.5	25	0	5.313	/	Pass
		2535	25	0	5.302	/	Pass
		2567.5	25	0	5.219	/	Pass
	64QAM	2502.5	25	0	5.280	/	Pass
		2535	25	0	5.286	/	Pass
		2567.5	25	0	5.297	/	Pass
	256QAM	2502.5	25	0	5.222	/	Pass
		2535	25	0	5.305	/	Pass
		2567.5	25	0	5.255	/	Pass
10	QPSK	2505	50	0	10.271	/	Pass
		2535	50	0	10.274	/	Pass
		2565	50	0	10.245	/	Pass
	16QAM	2505	50	0	10.192	/	Pass
		2535	50	0	10.182	/	Pass
		2565	50	0	10.123	/	Pass
	64QAM	2505	50	0	10.135	/	Pass
		2535	50	0	10.186	/	Pass
		2565	50	0	10.244	/	Pass
	256QAM	2505	50	0	10.100	/	Pass
		2535	50	0	10.180	/	Pass
		2565	50	0	10.240	/	Pass
15	QPSK	2507.5	75	0	15.222	/	Pass
		2535	75	0	15.142	/	Pass
		2562.5	75	0	15.050	/	Pass
	16QAM	2507.5	75	0	15.212	/	Pass
		2535	75	0	15.223	/	Pass
		2562.5	75	0	15.244	/	Pass
	64QAM	2507.5	75	0	15.233	/	Pass
		2535	75	0	15.205	/	Pass
		2562.5	75	0	15.076	/	Pass
	256QAM	2507.5	75	0	15.246	/	Pass
		2535	75	0	15.265	/	Pass
		2562.5	75	0	15.397	/	Pass
20	QPSK	2510	100	0	20.065	/	Pass
		2535	100	0	20.195	/	Pass
		2560	100	0	20.322	/	Pass



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	16QAM	2510	100	0	19.890	/	Pass
		2535	100	0	20.195	/	Pass
		2560	100	0	19.752	/	Pass
	64QAM	2510	100	0	20.075	/	Pass
		2535	100	0	20.087	/	Pass
		2560	100	0	20.117	/	Pass
	256QAM	2510	100	0	20.062	/	Pass
		2535	100	0	20.293	/	Pass
		2560	100	0	19.998	/	Pass



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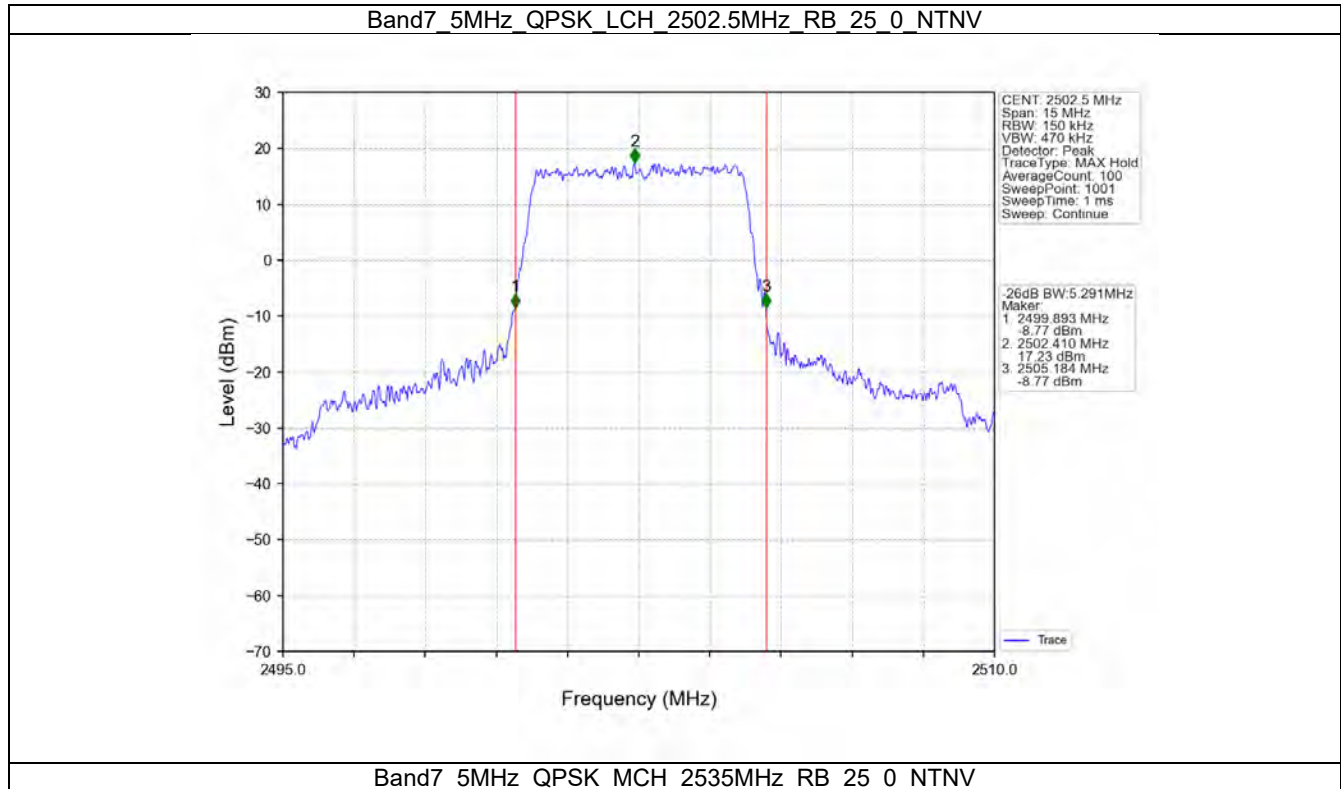
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4.2.2 Test Graph



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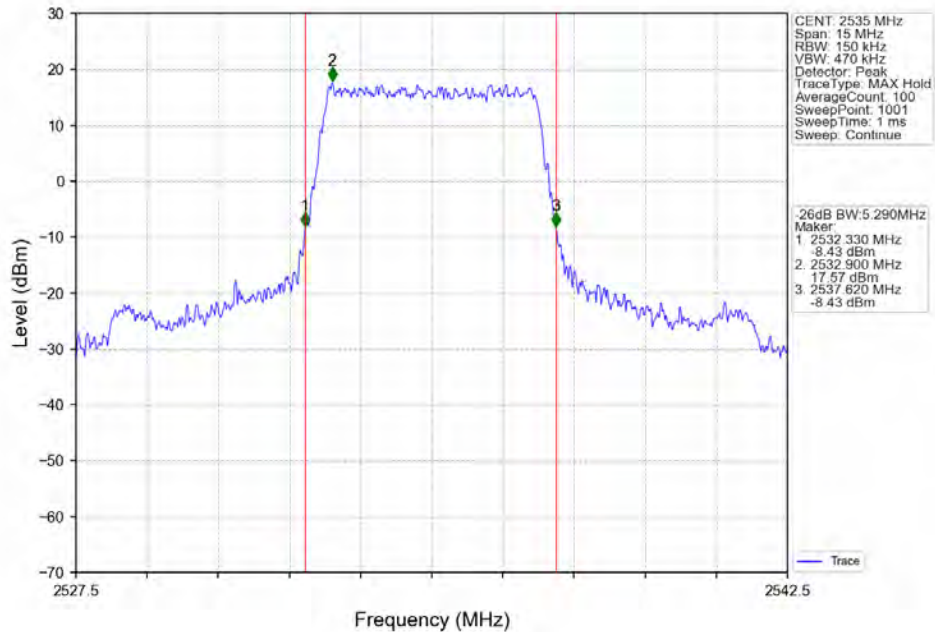
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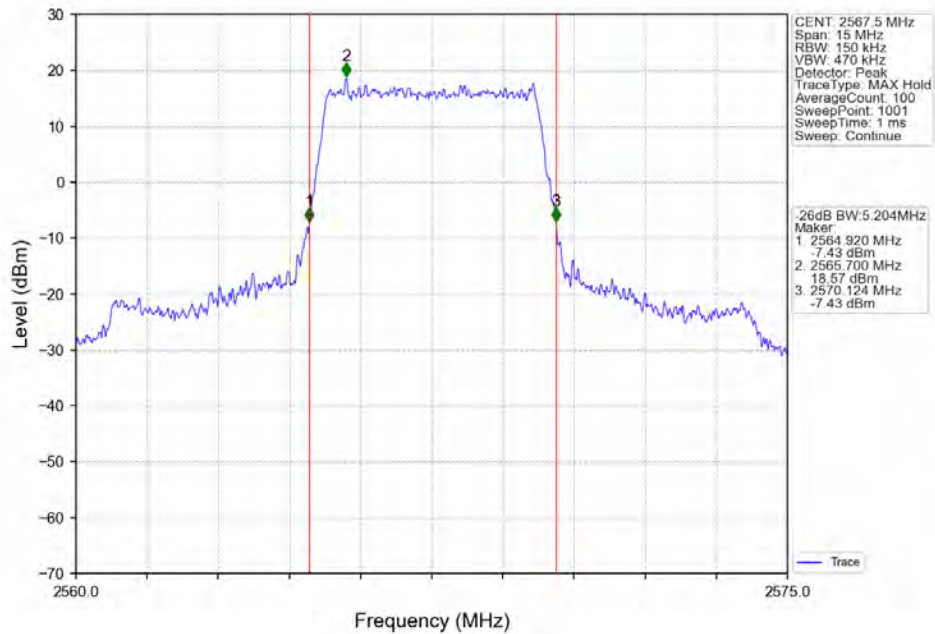
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Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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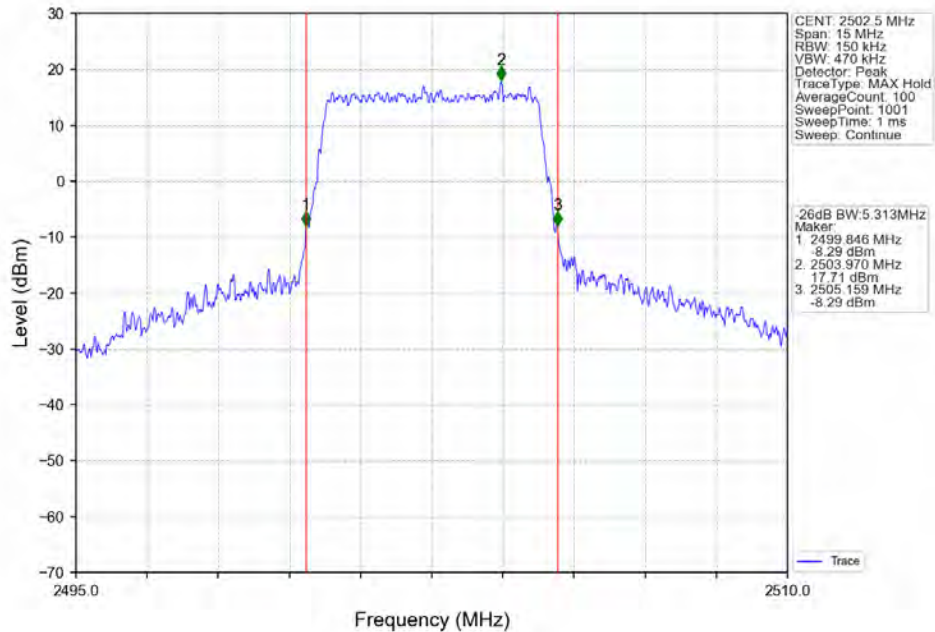
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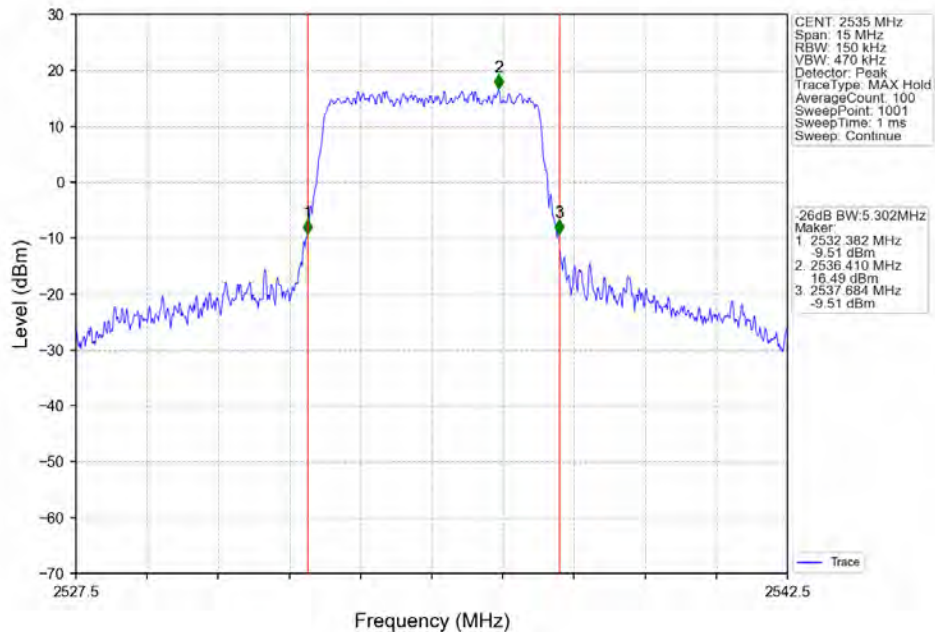
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Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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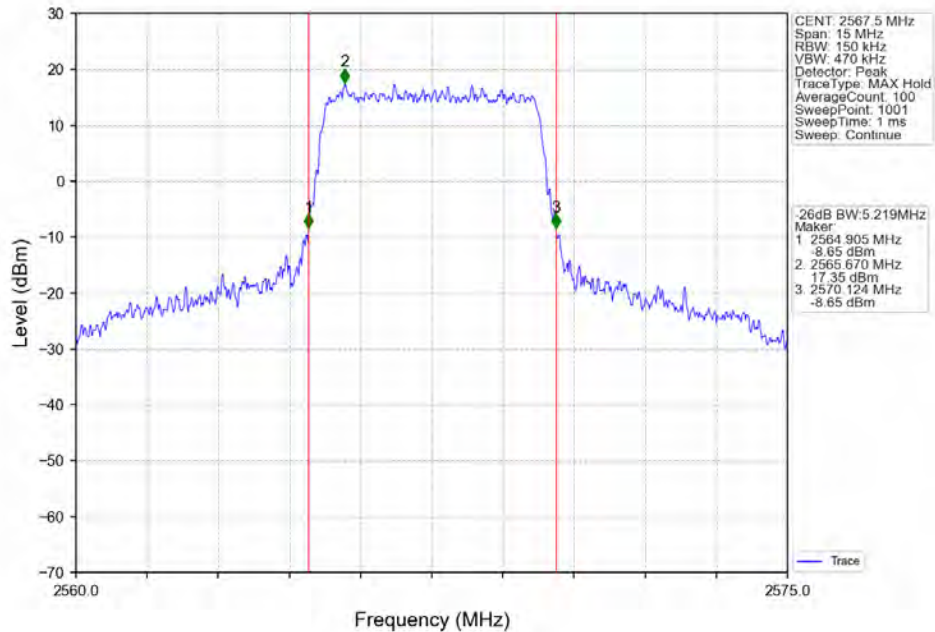
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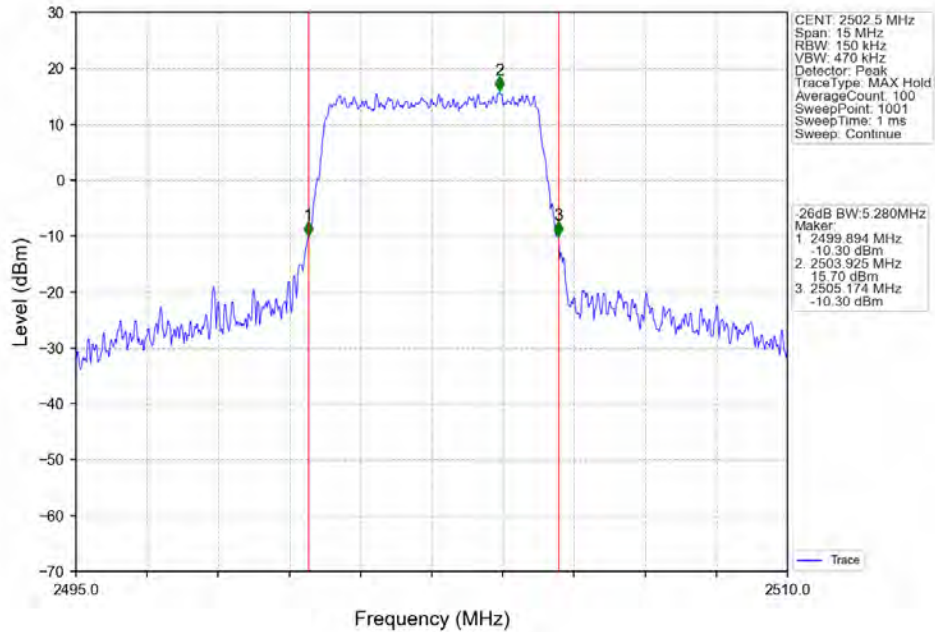
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Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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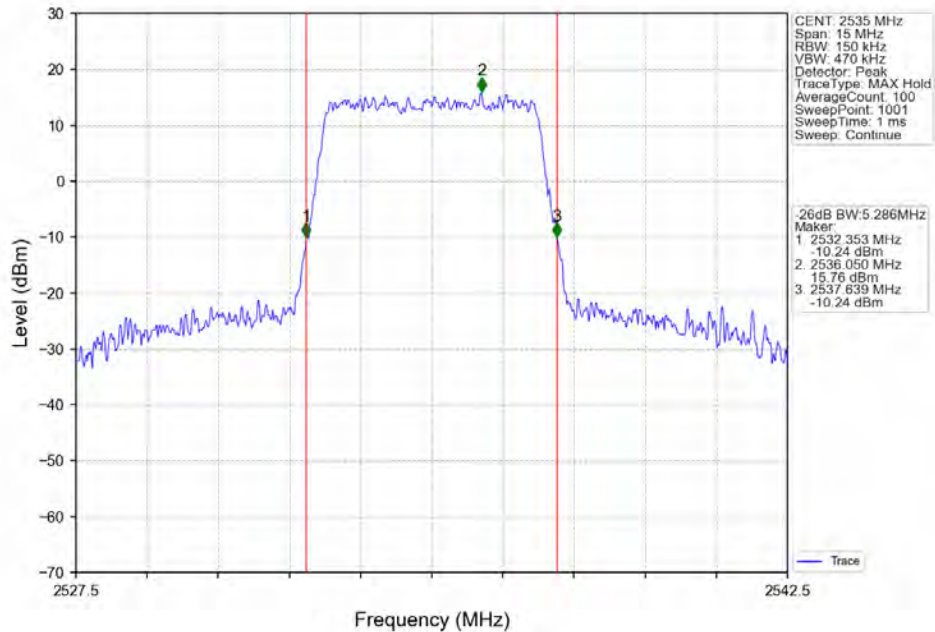
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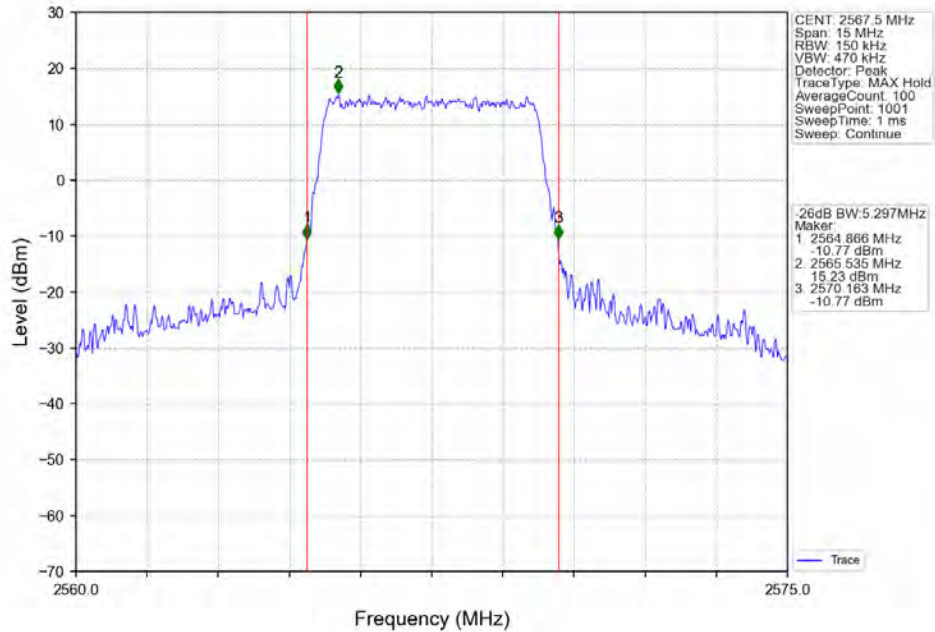
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Band7_5MHz_256QAM_LCH_2502.5MHz_RB_25_0_NTNV



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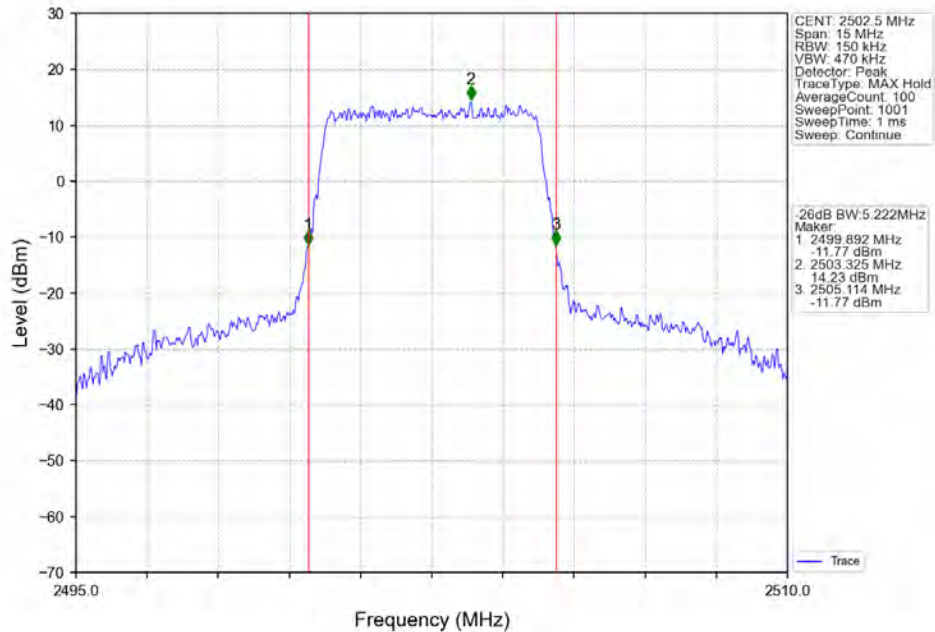
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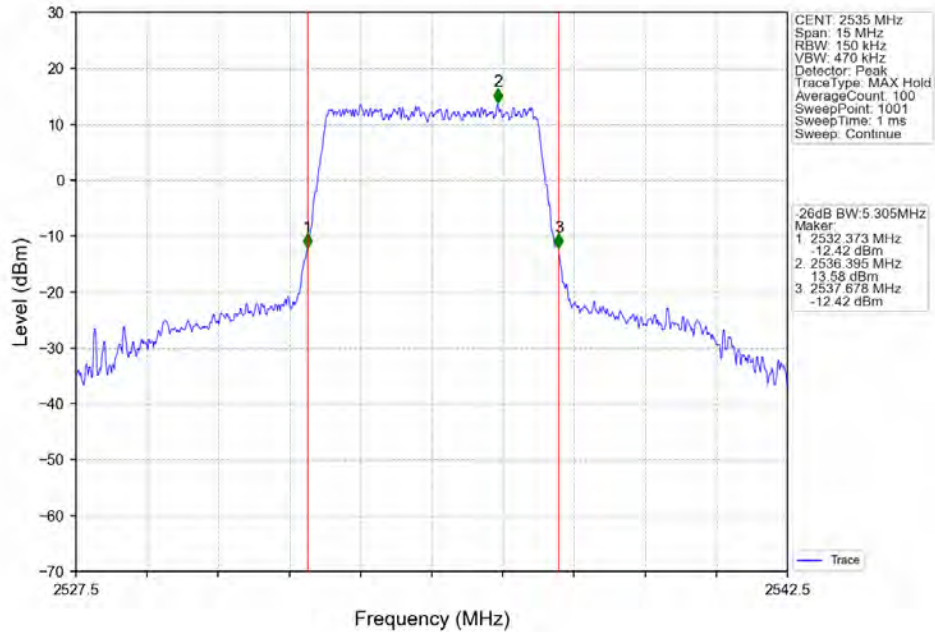
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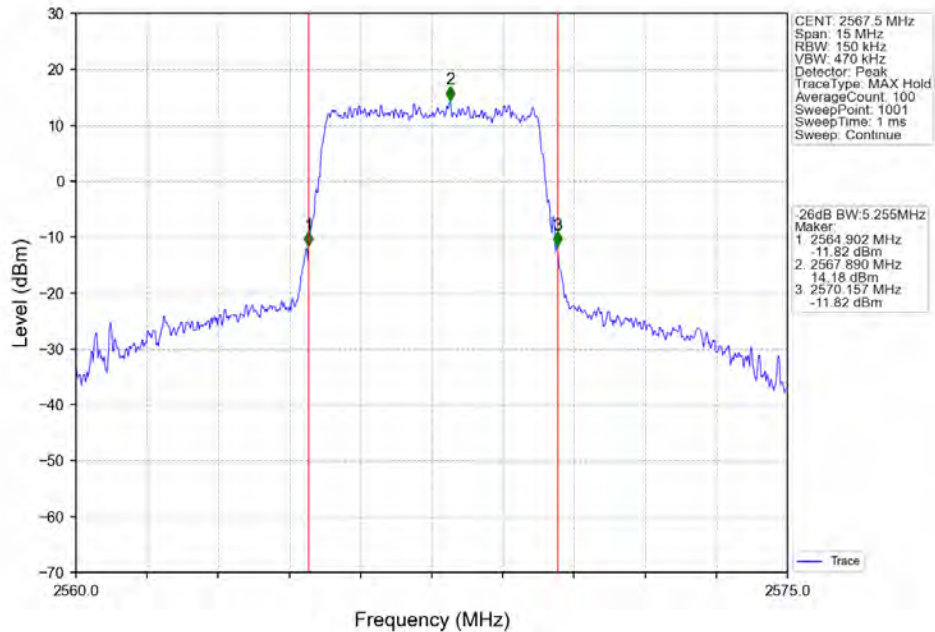
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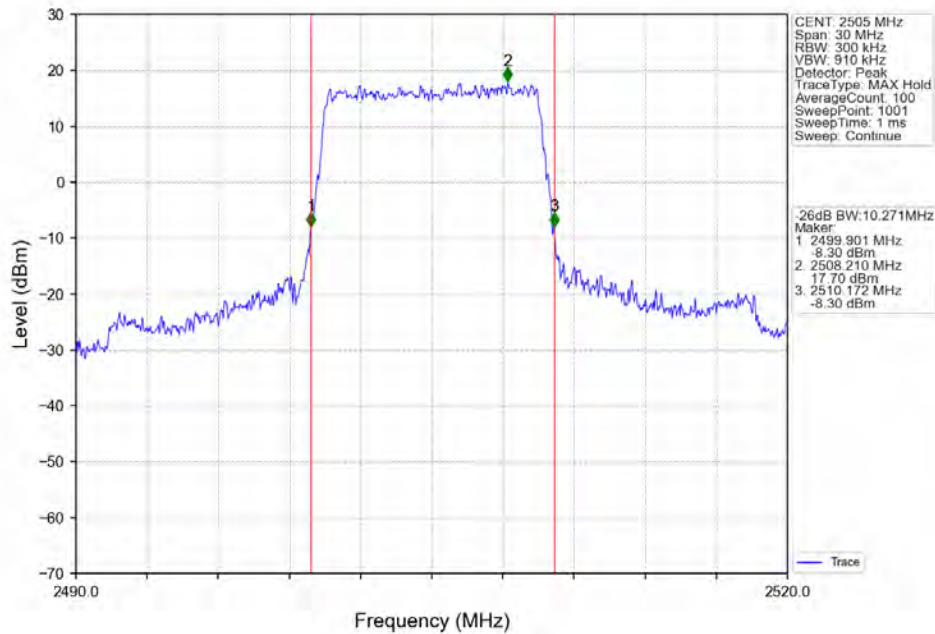
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Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



Band7 10MHz QPSK MCH 2535MHz RB 50 0 NTNV



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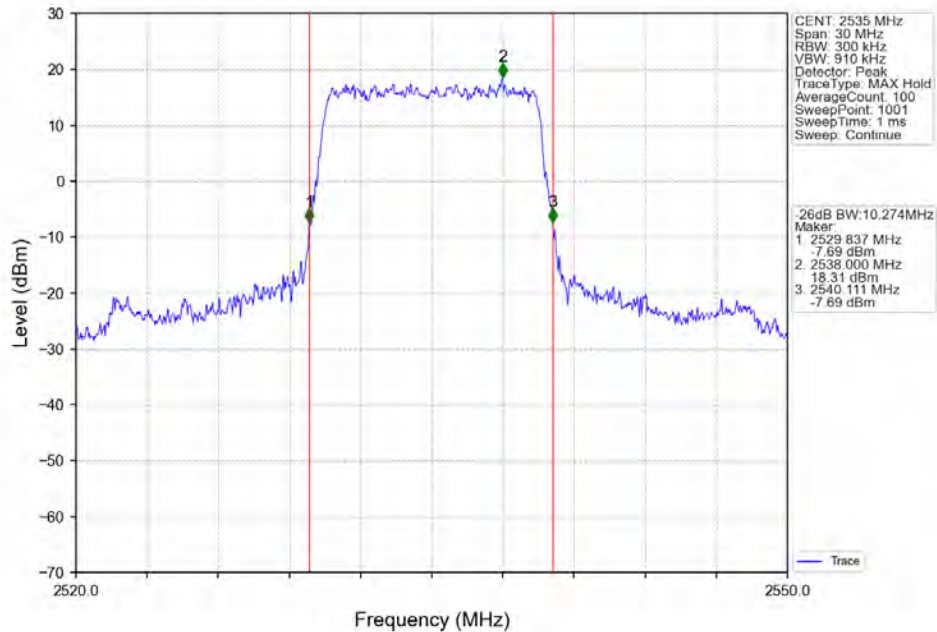
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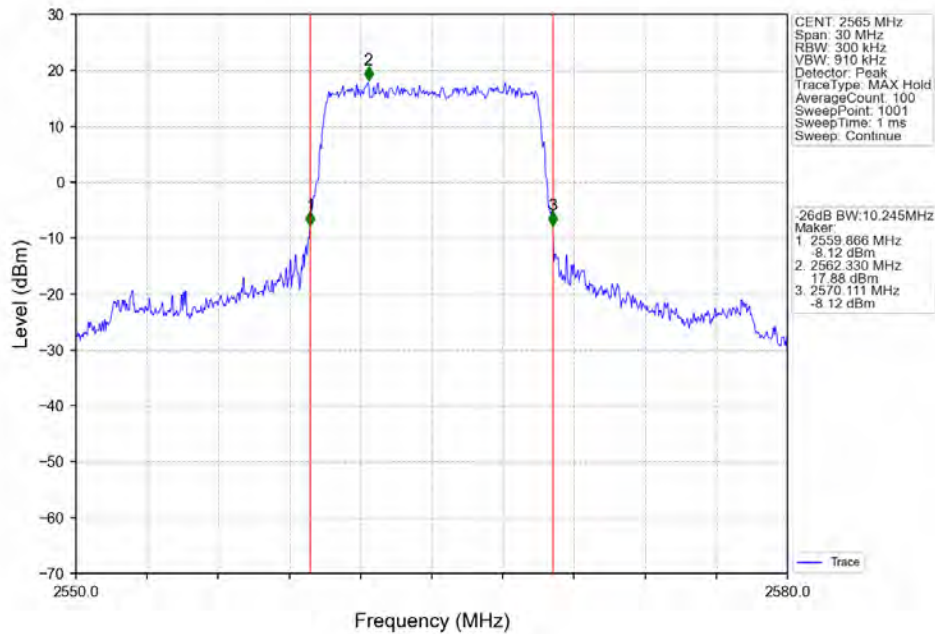
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Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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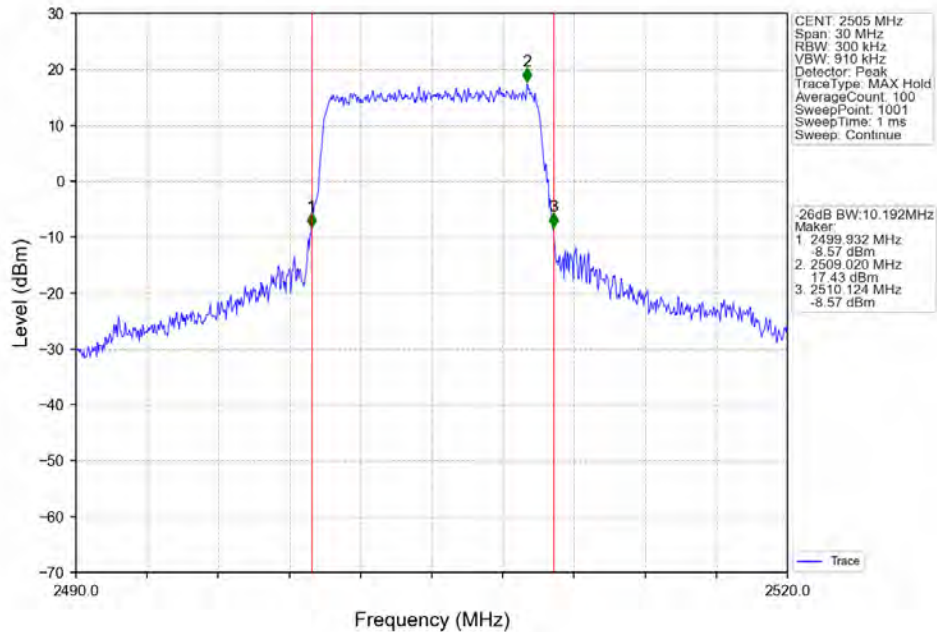
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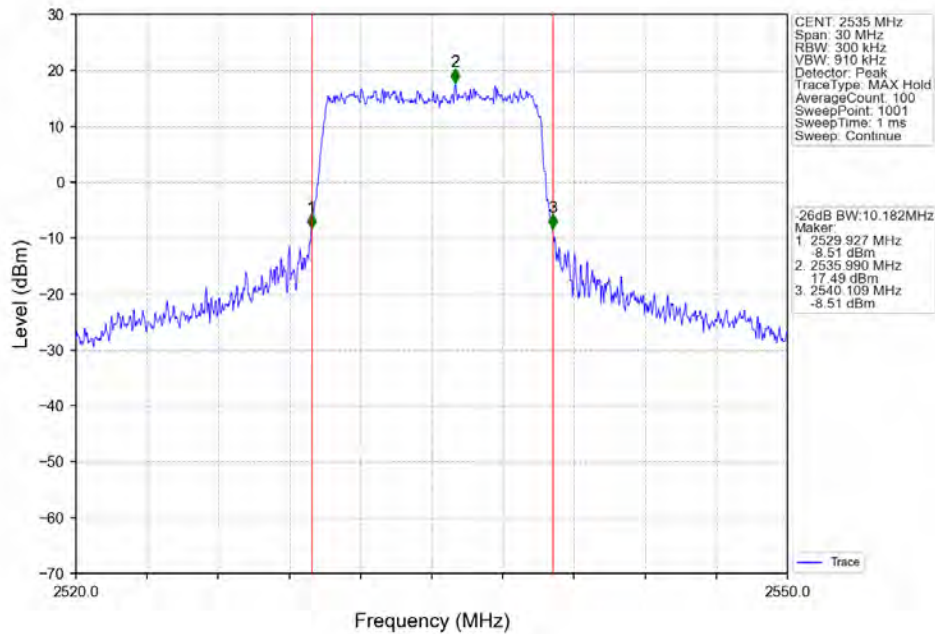
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Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



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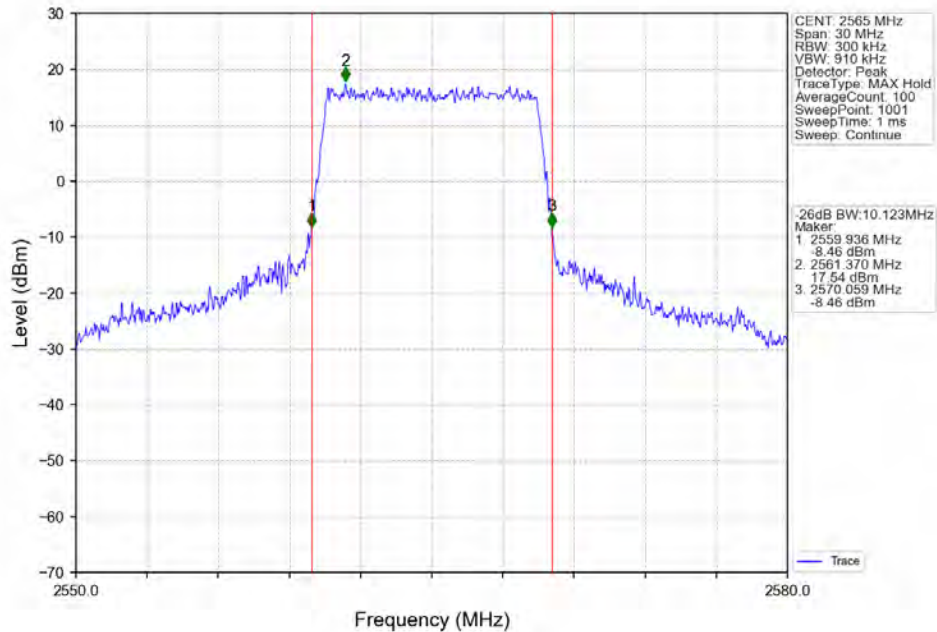
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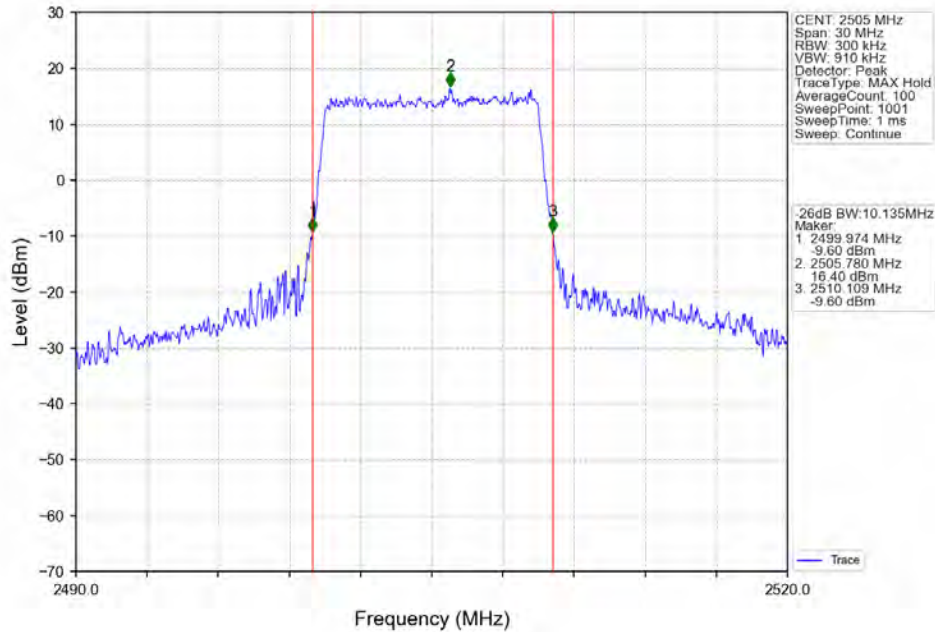
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Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



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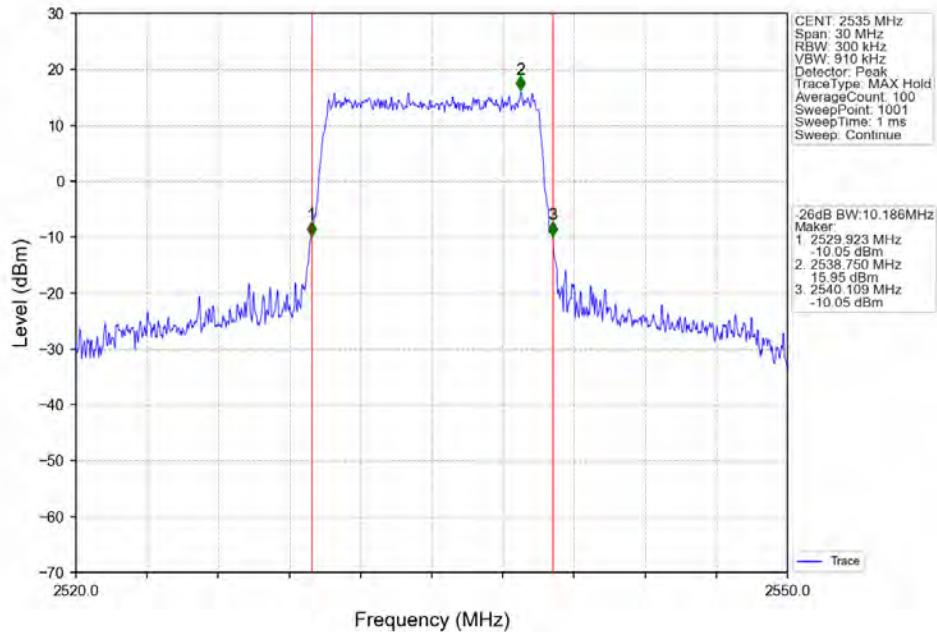
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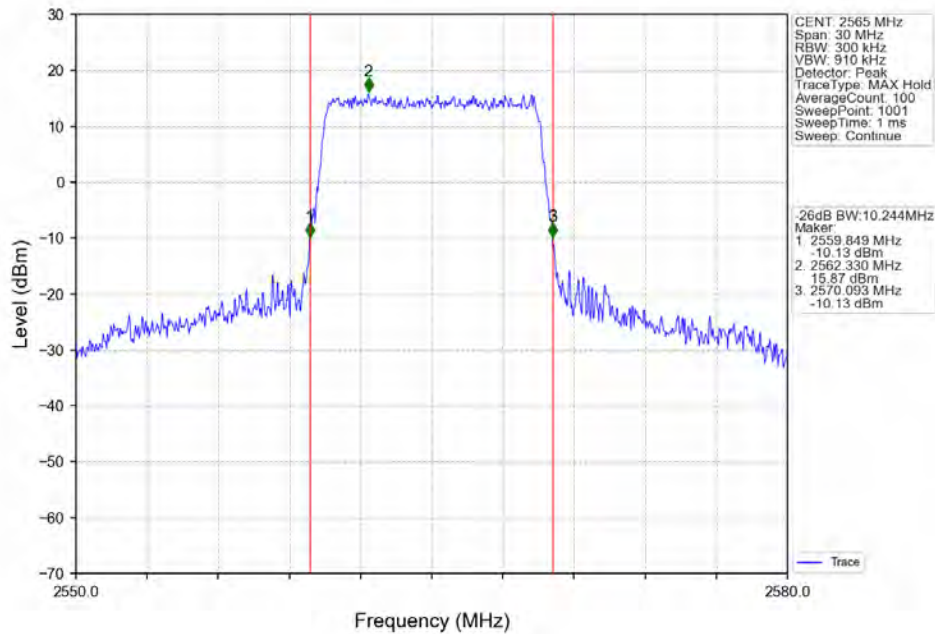
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Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



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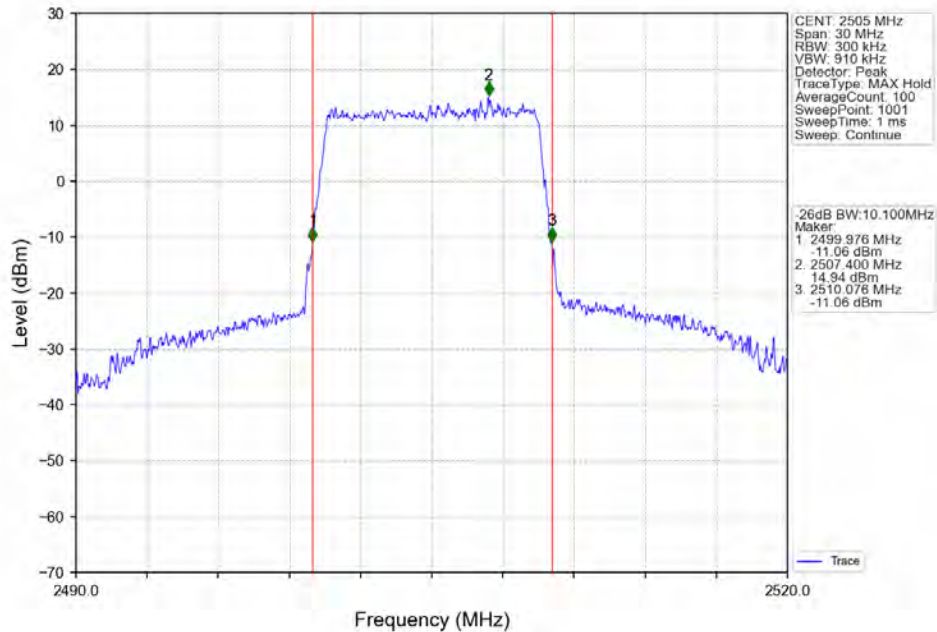
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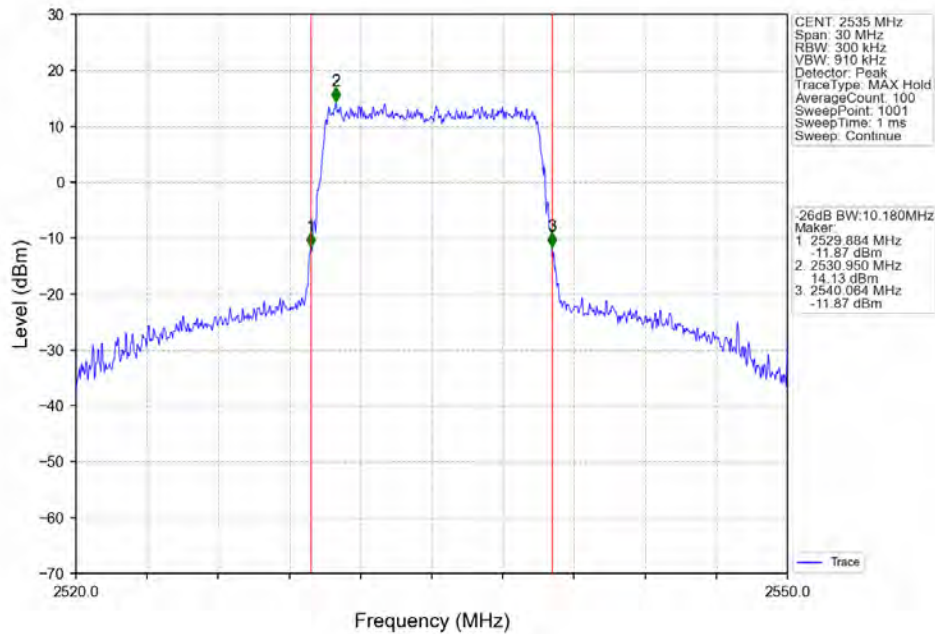
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Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



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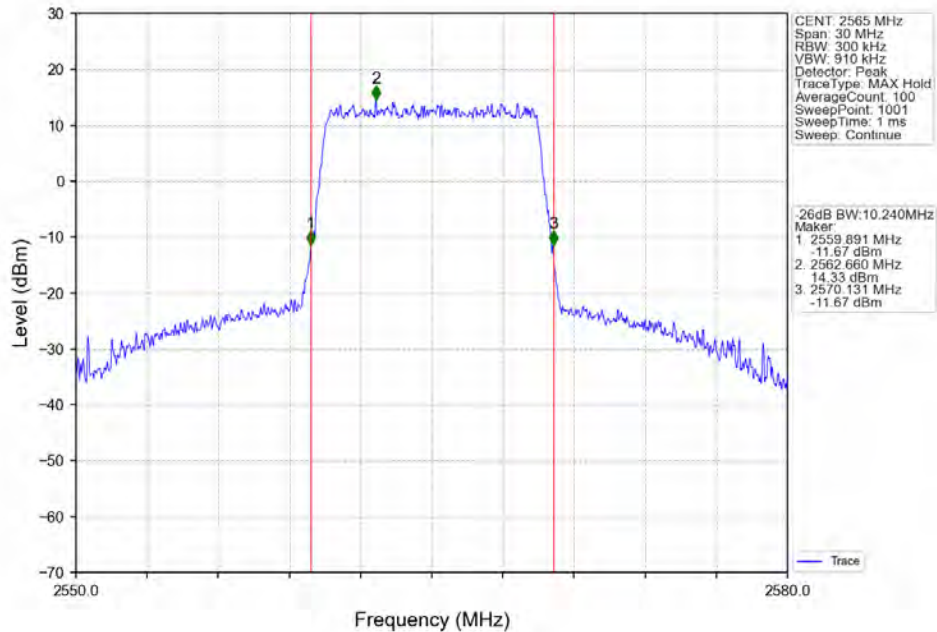
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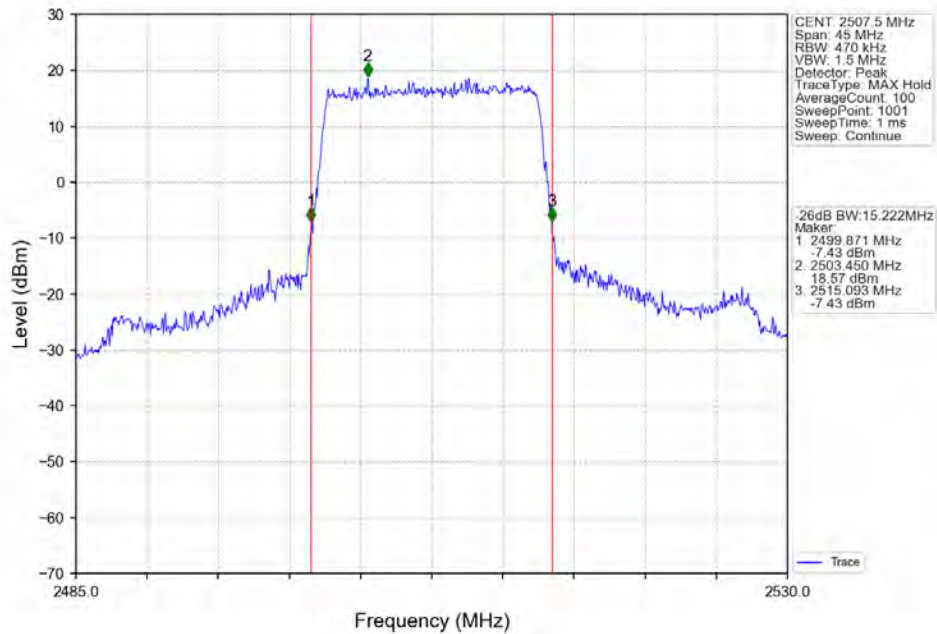
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Band7_15MHz_QPSK_MCH_2535MHz_RB_75_0_NTNV



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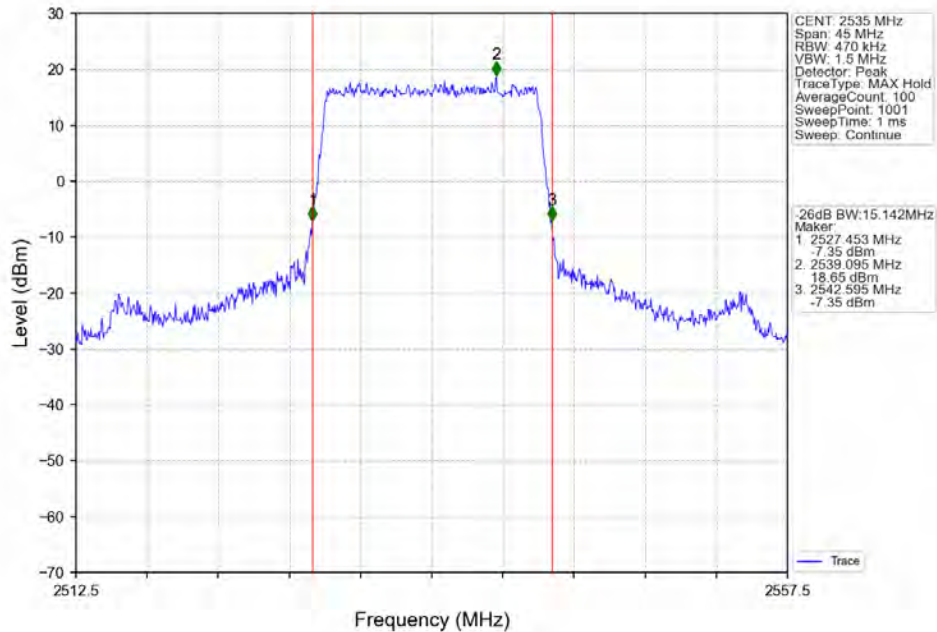
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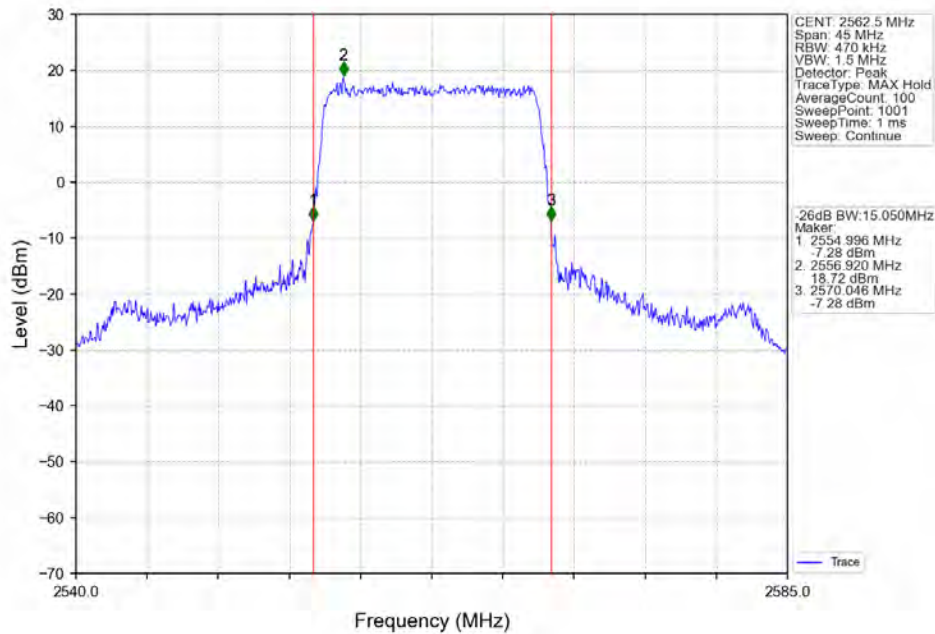
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Band7_15MHz_16QAM_LCH_2507.5MHz_RB_75_0_NTNV



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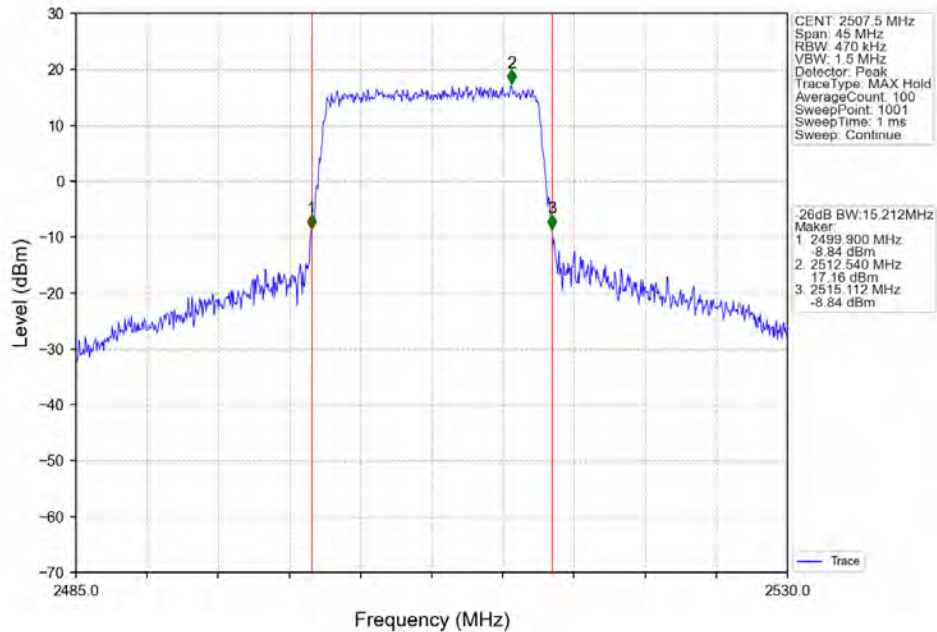
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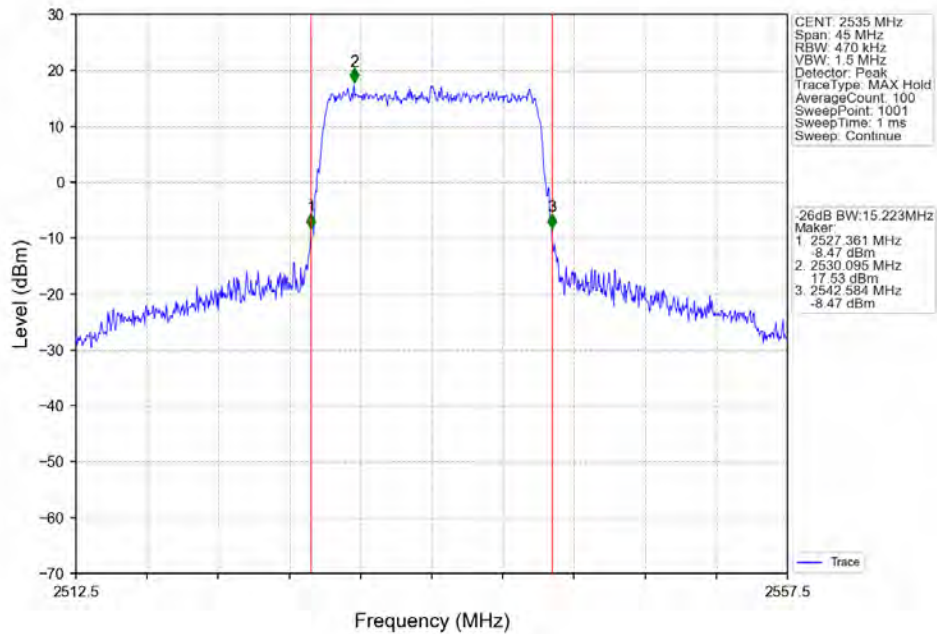
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Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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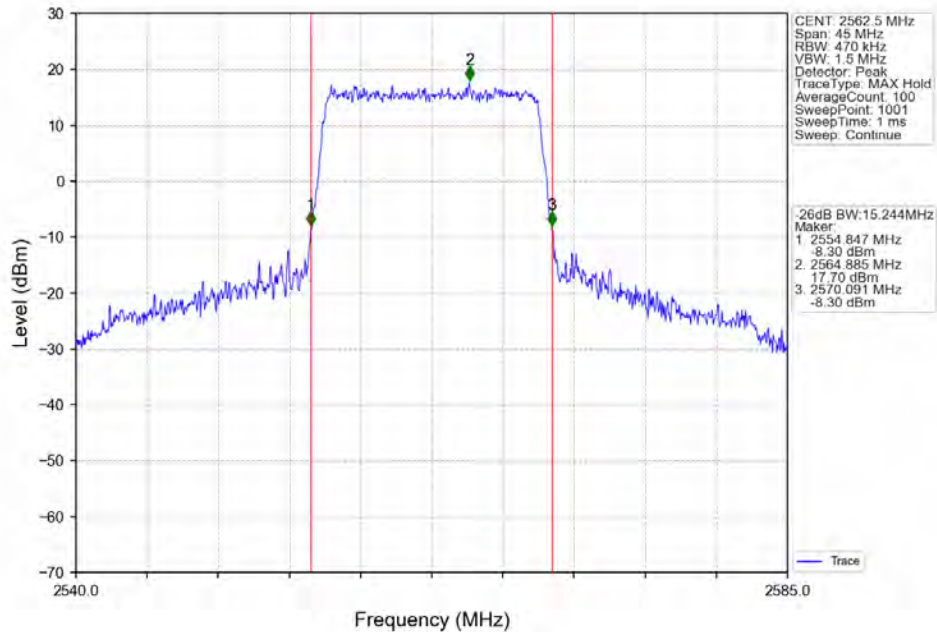
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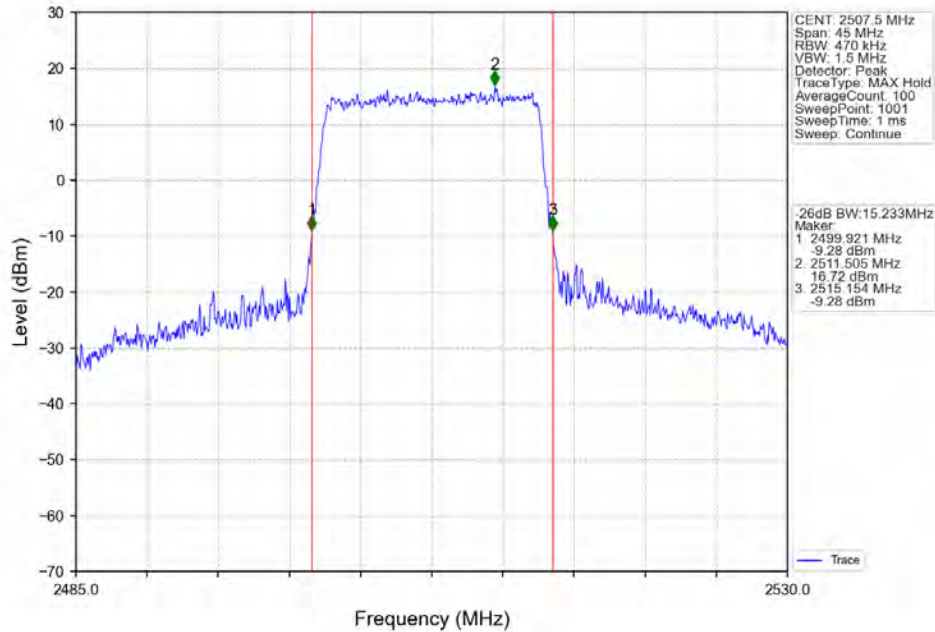
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Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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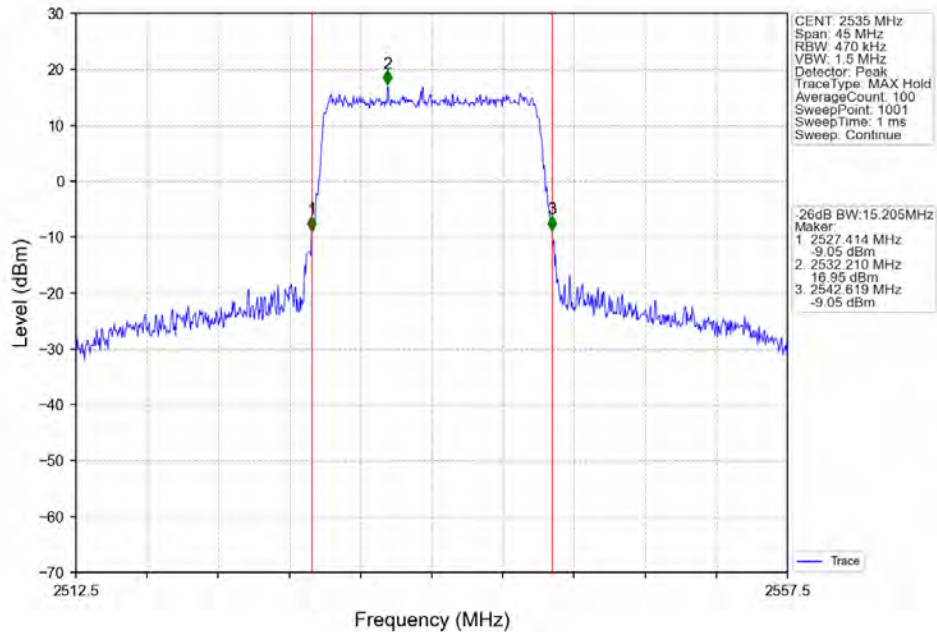
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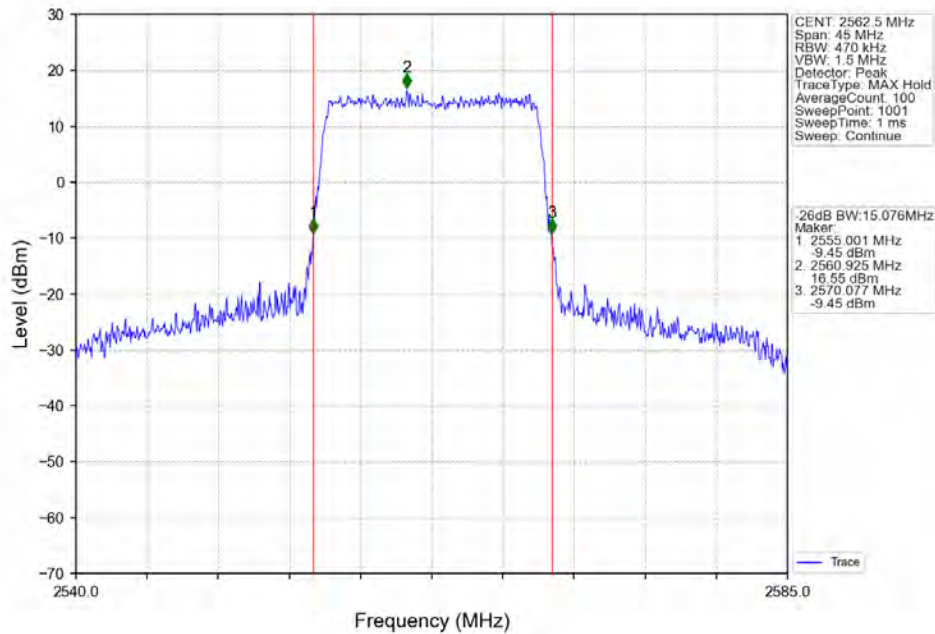
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Band7 15MHz 64QAM HCH 2562.5MHz RB 75 0 NTN



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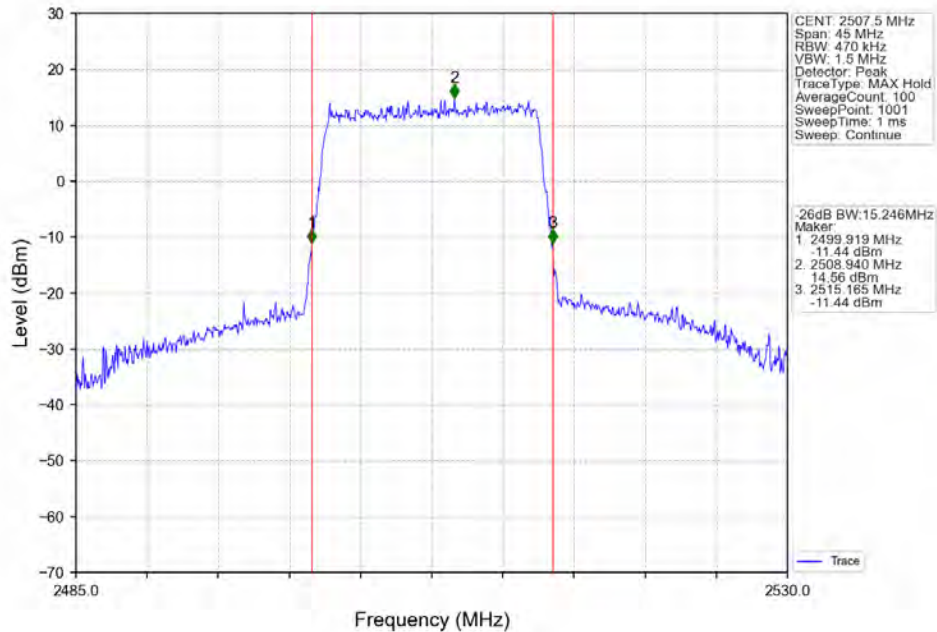
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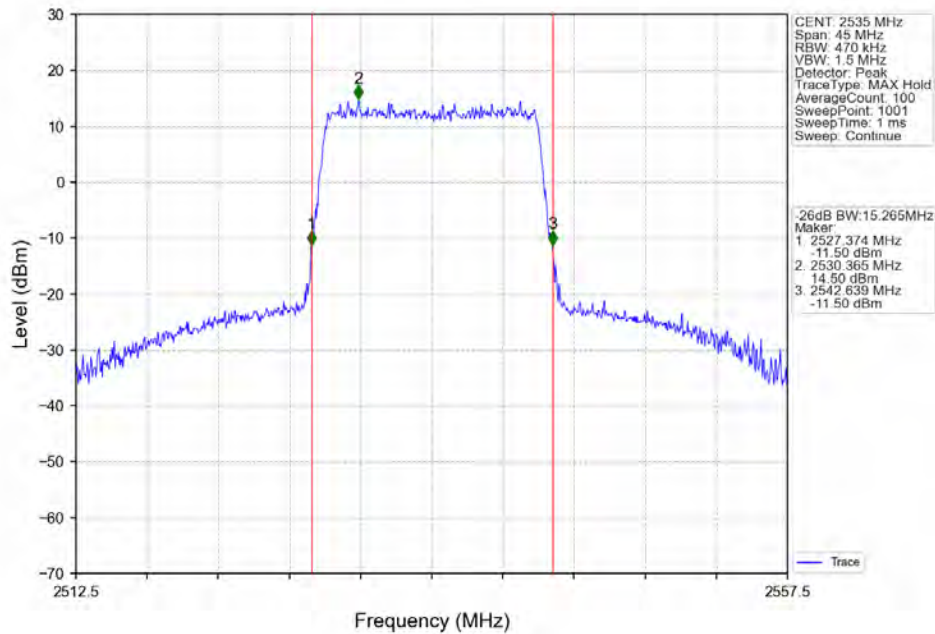
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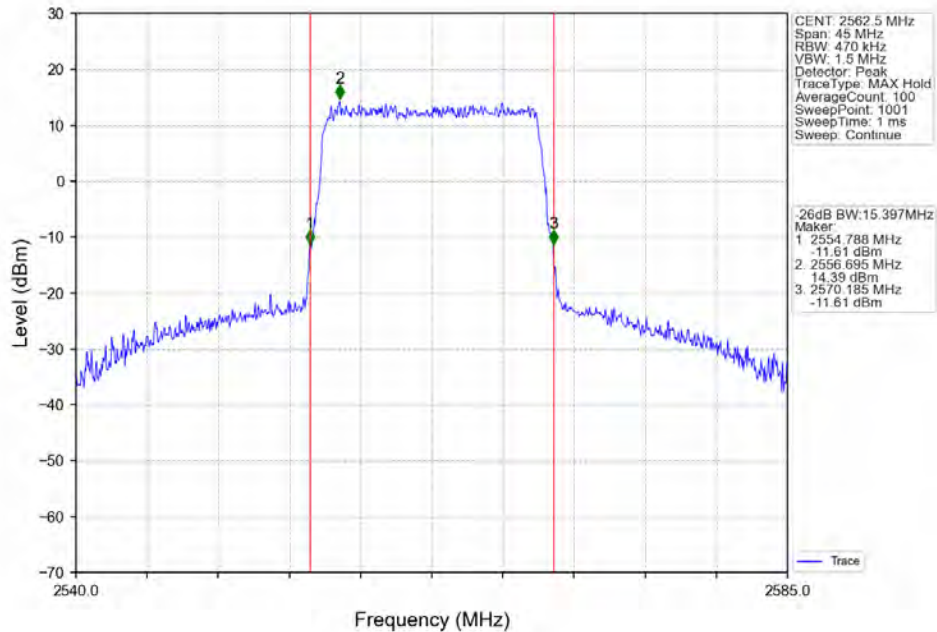
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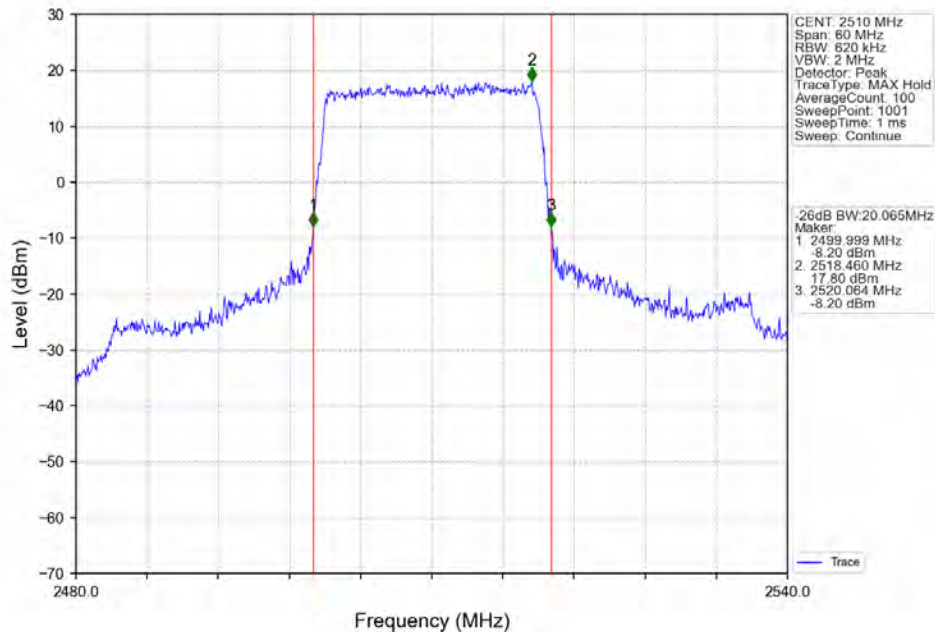
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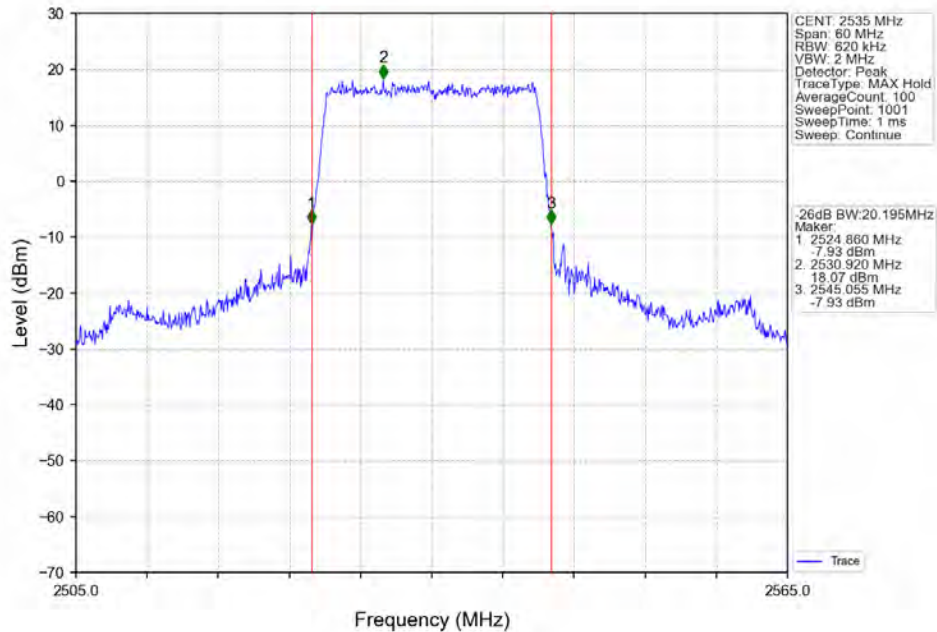
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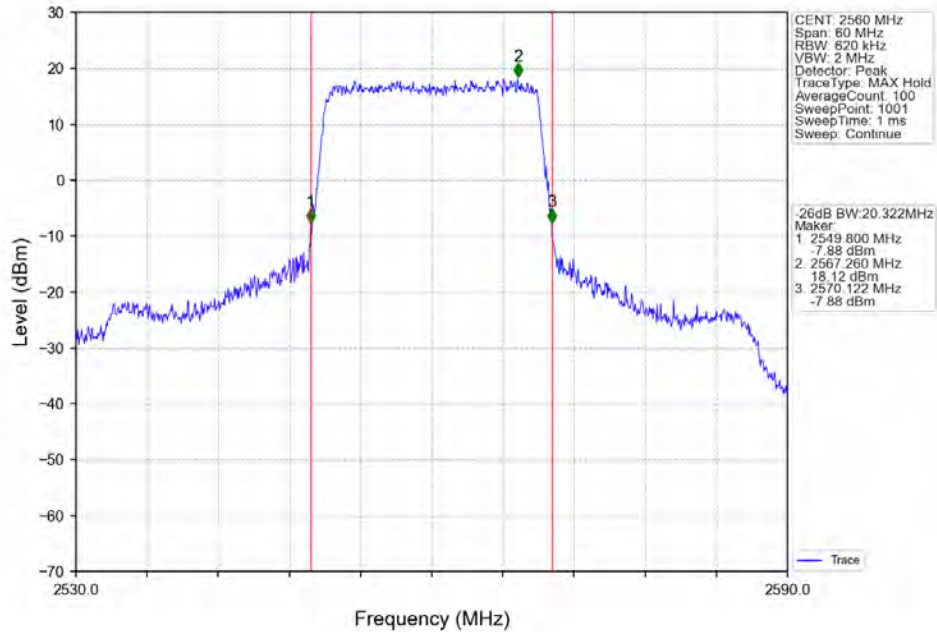
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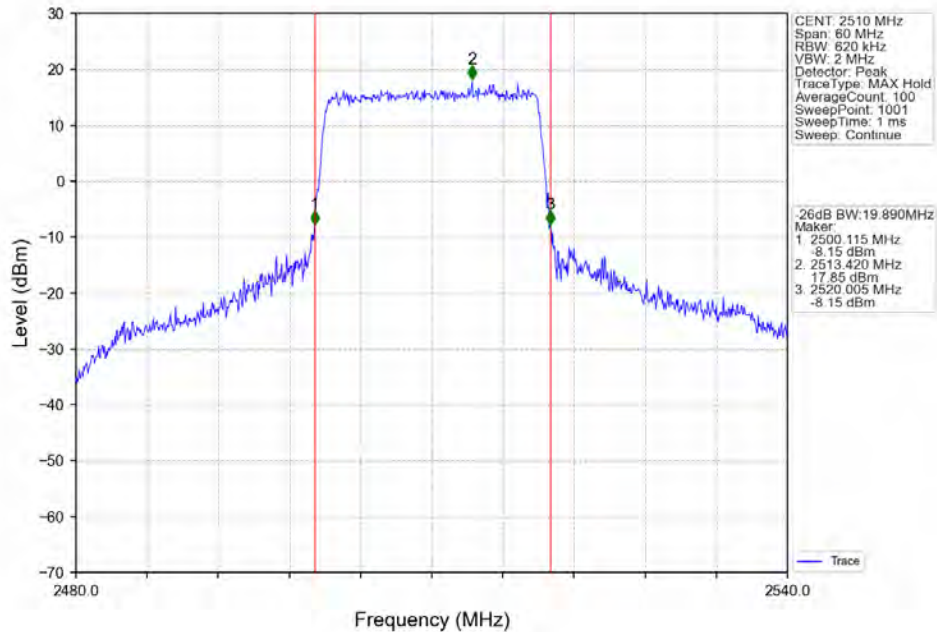
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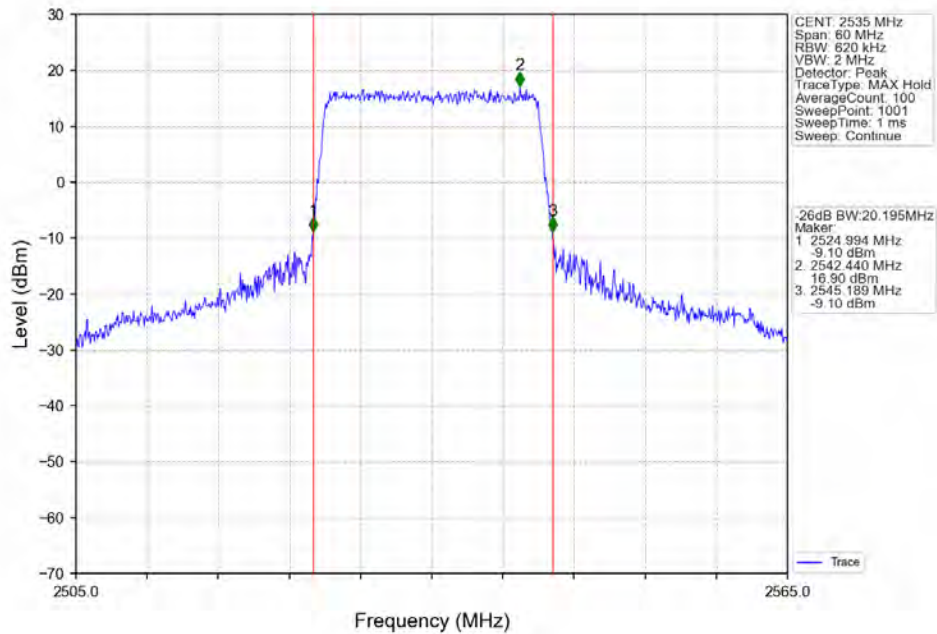
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN



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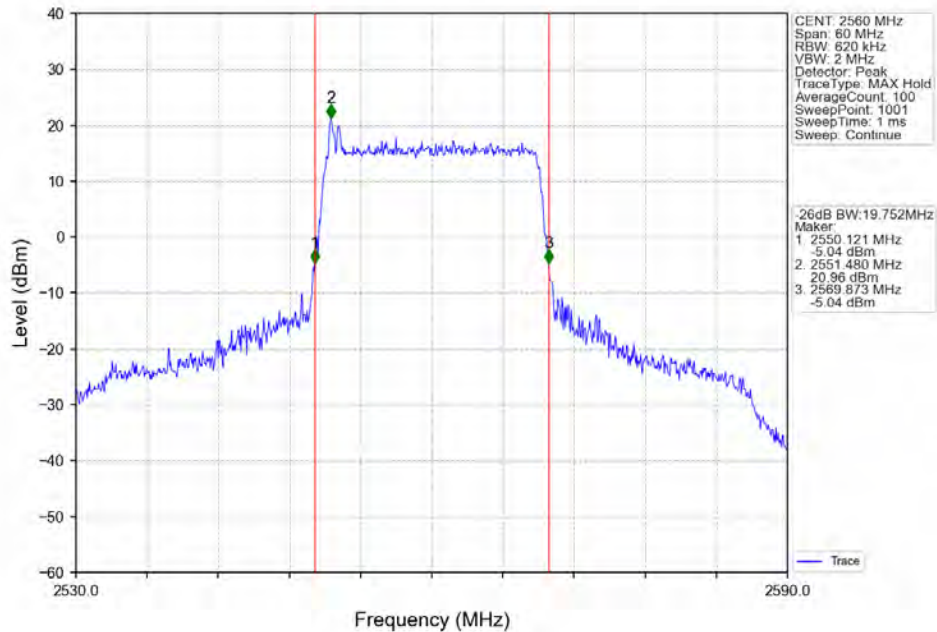
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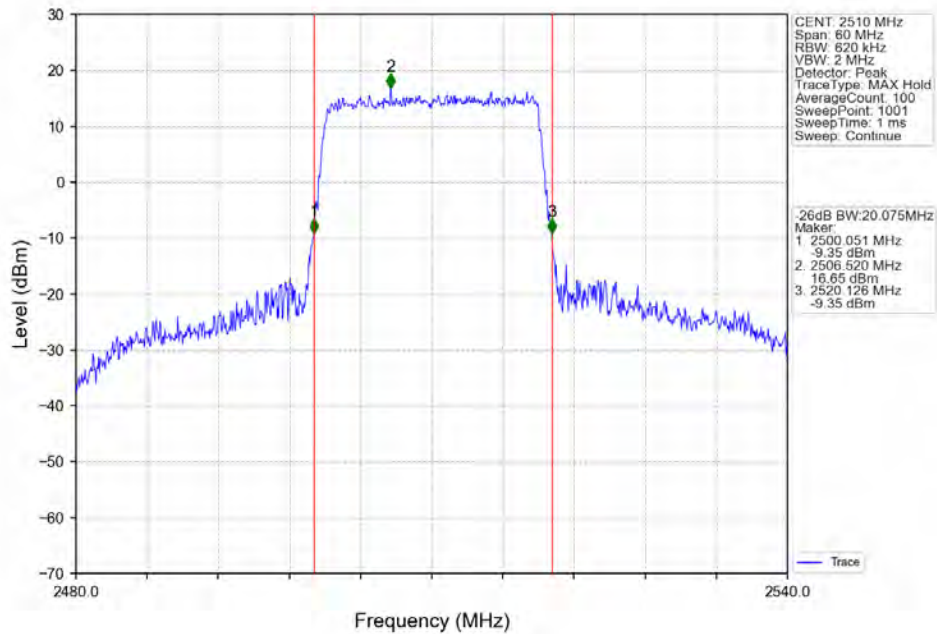
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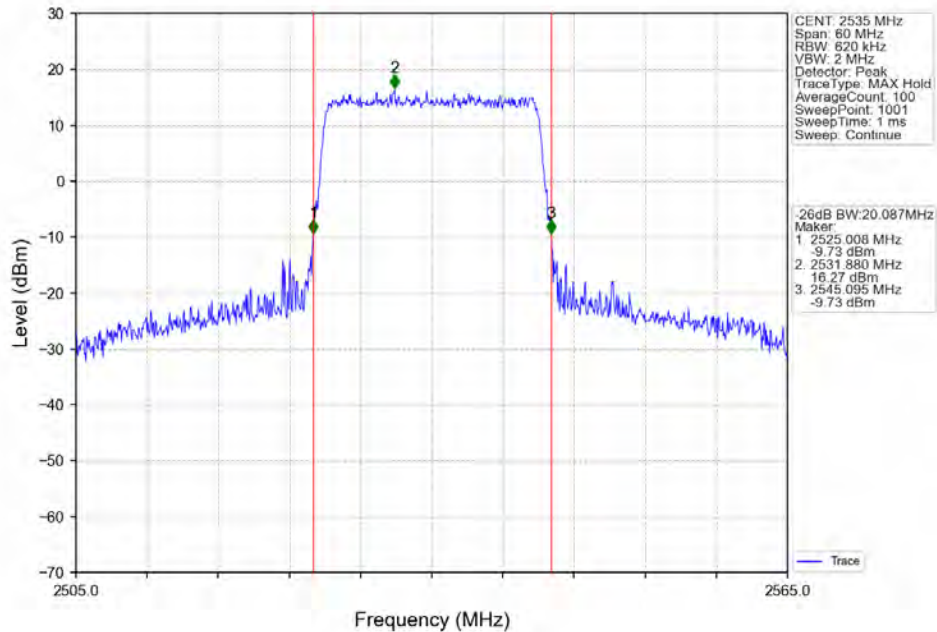
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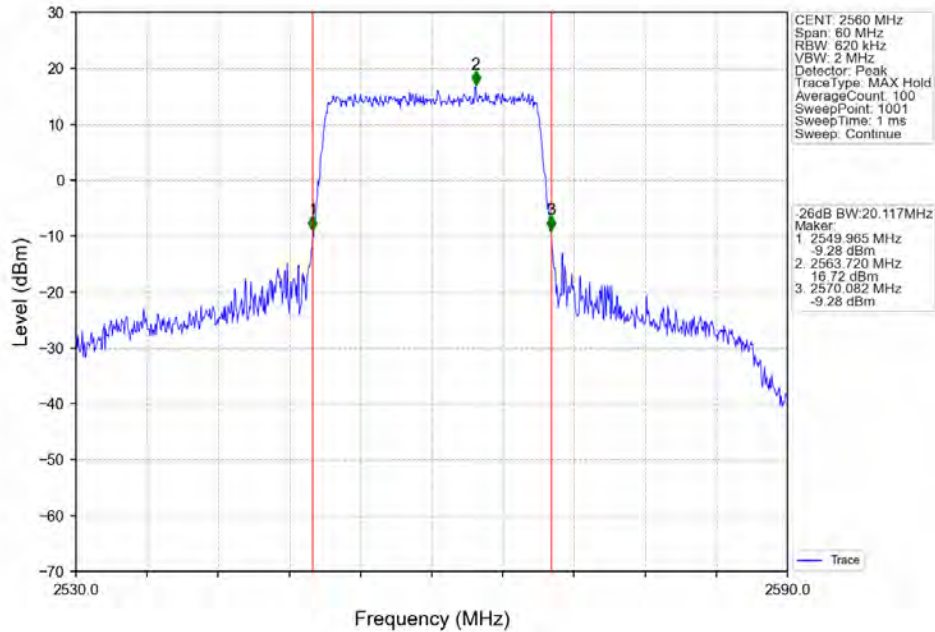
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Band7_20MHz_256QAM_LCH_2510MHz_RB_100_0_NTNV



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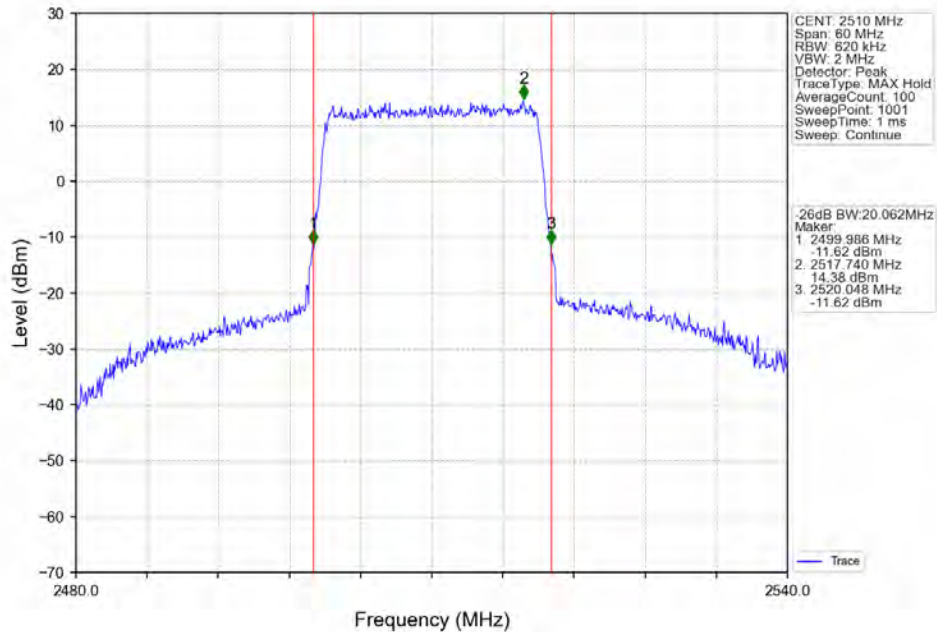
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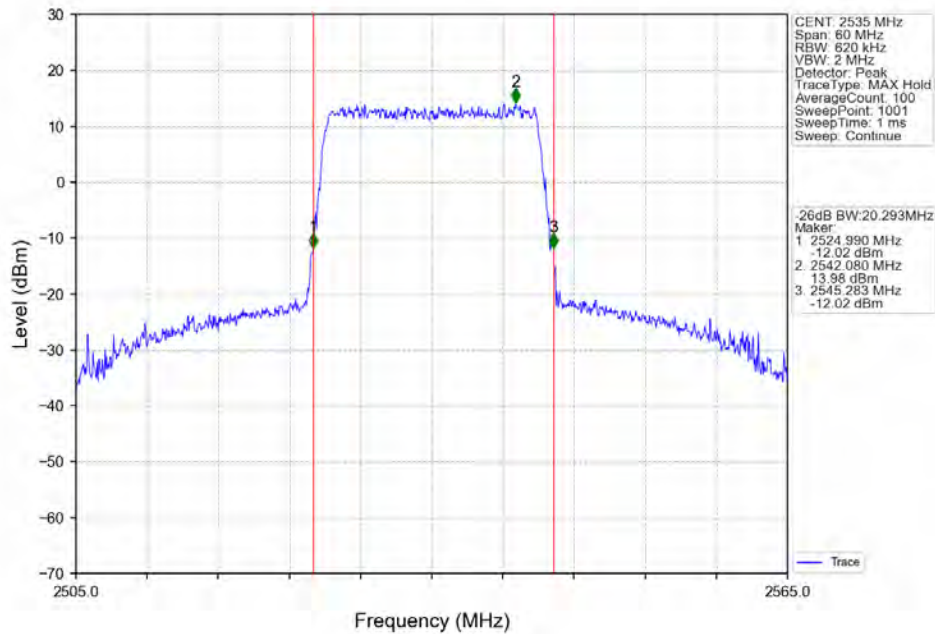
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Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



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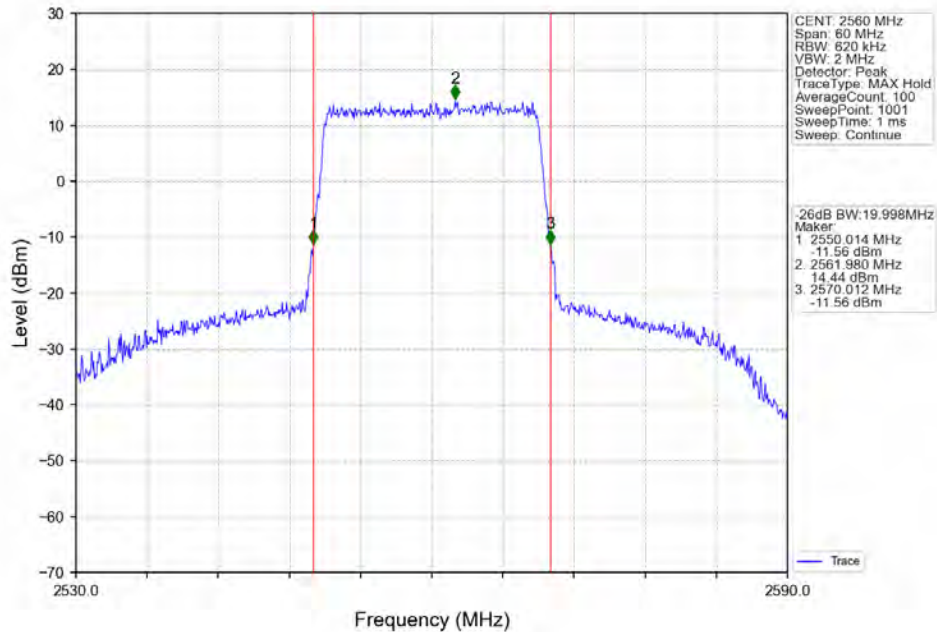
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5. Peak-Average Ratio

5.1 B7_5MHz

5.1.1 Test Result

Band: 7 / Bandwidth: 5MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2502.5	25	0	5.19	<=13	Pass
	2535	25	0	5.29	<=13	Pass
	2567.5	25	0	5.09	<=13	Pass
16QAM	2502.5	25	0	6.05	<=13	Pass
	2535	25	0	6.17	<=13	Pass
	2567.5	25	0	5.93	<=13	Pass
64QAM	2502.5	25	0	10.41	<=13	Pass
	2535	25	0	10.60	<=13	Pass
	2567.5	25	0	10.26	<=13	Pass
256QAM	2502.5	25	0	6.87	<=13	Pass
	2535	25	0	6.97	<=13	Pass
	2567.5	25	0	6.87	<=13	Pass



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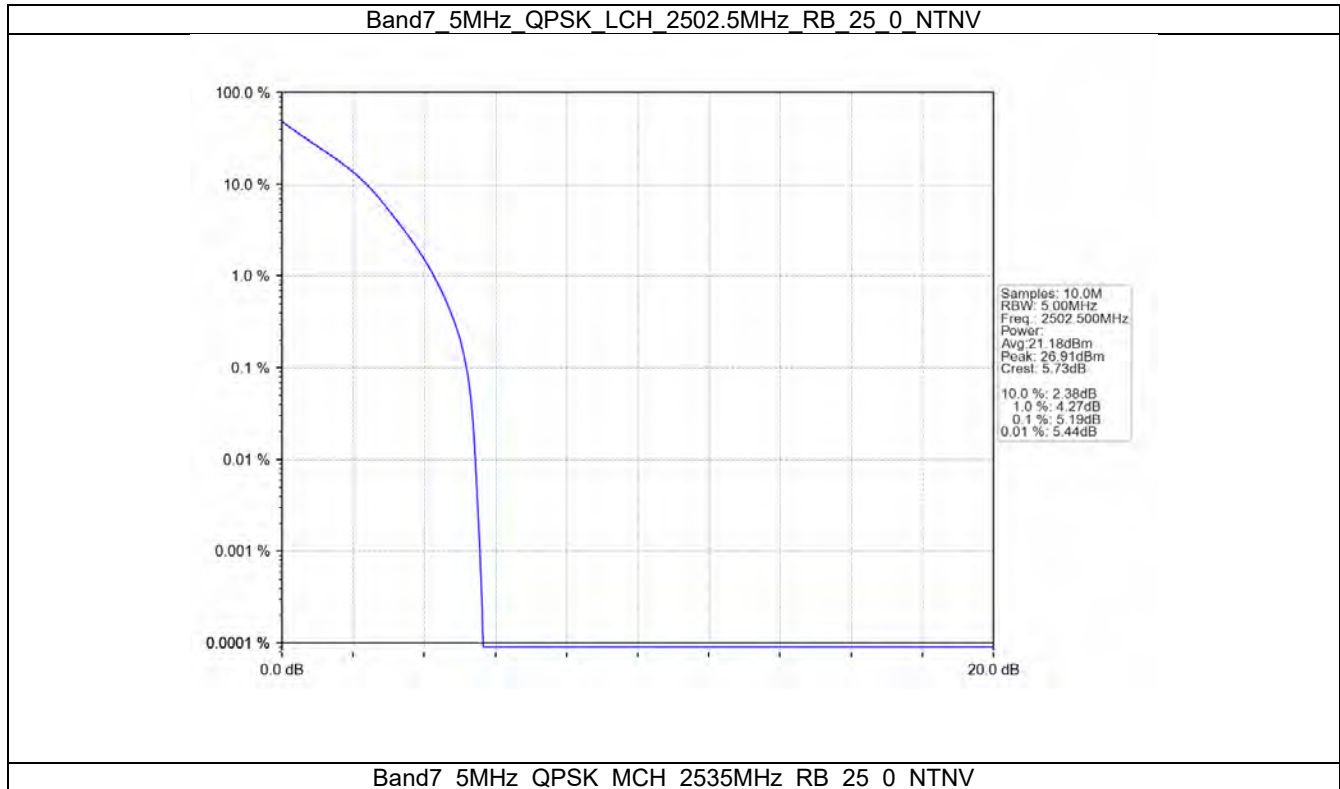
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5.1.2 Test Graph



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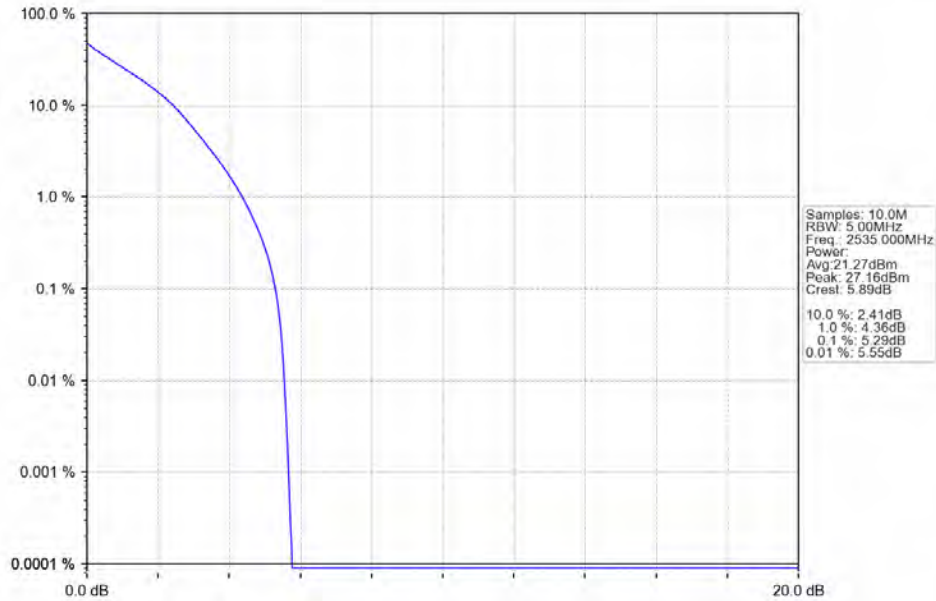
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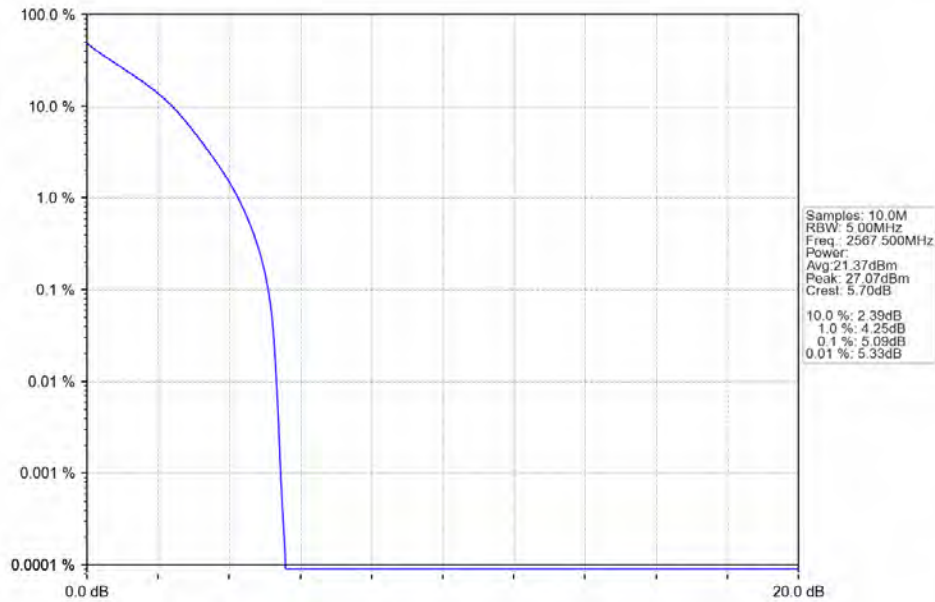
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_LCH_2502.5MHz_RB_25_0_NTNV



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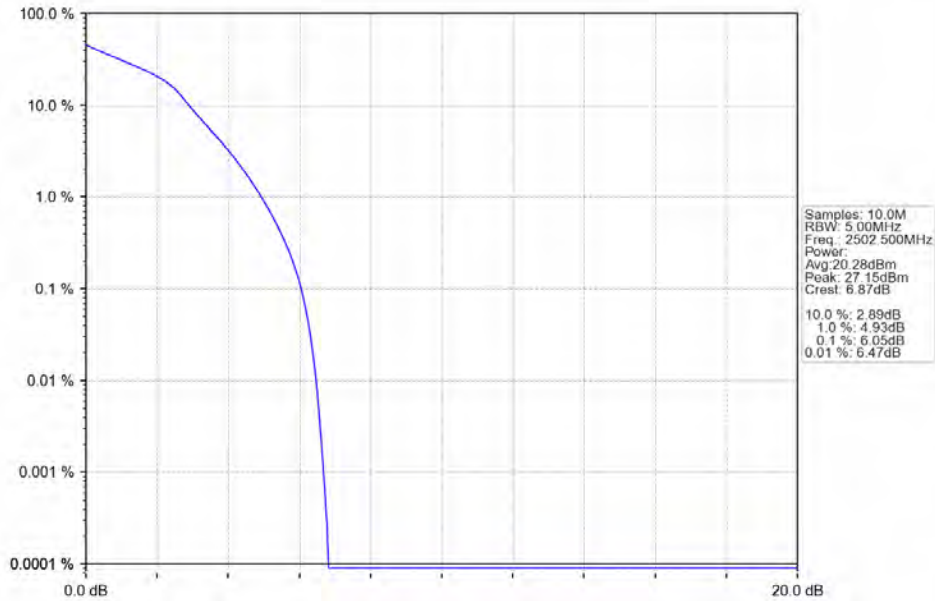
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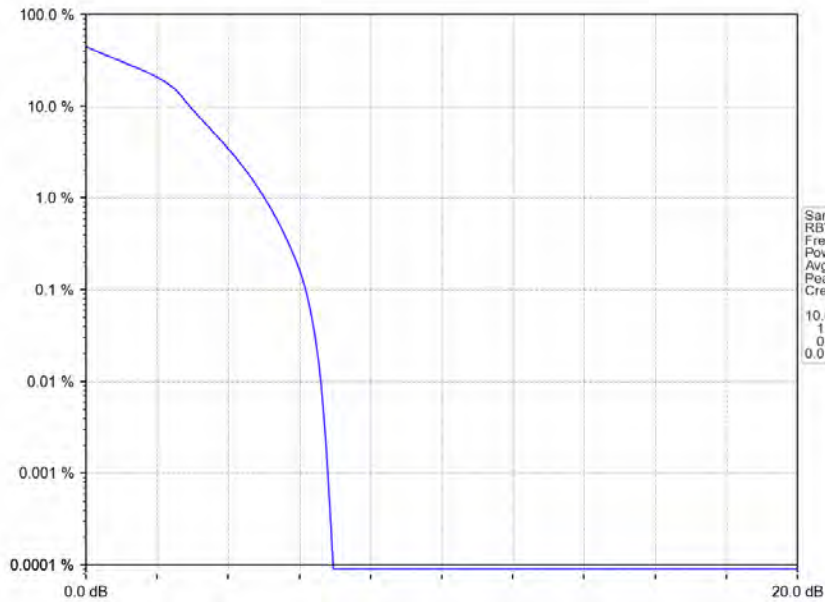
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Band7_5MHz_16QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_16QAM_HCH_2567.5MHz_RB_25_0_NTNV



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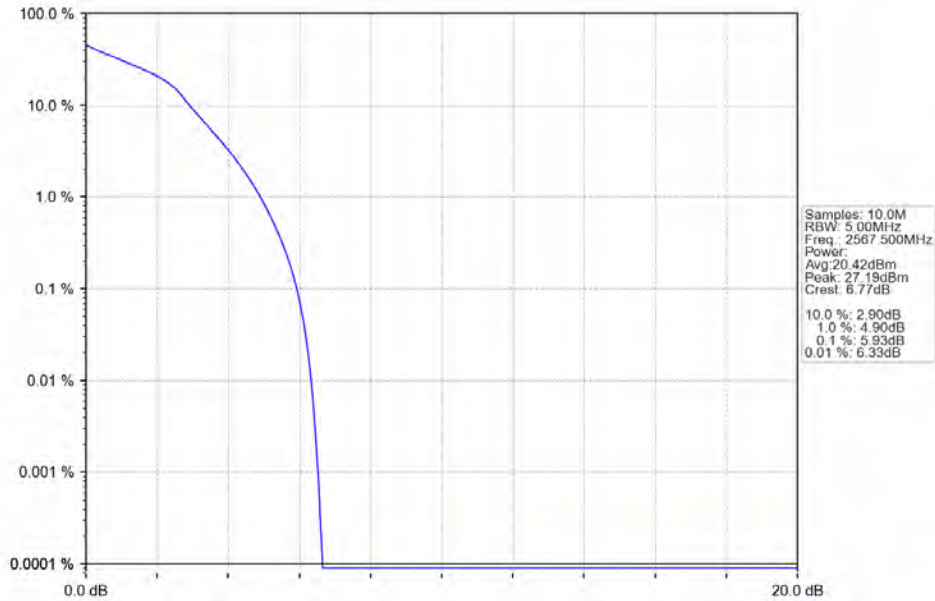
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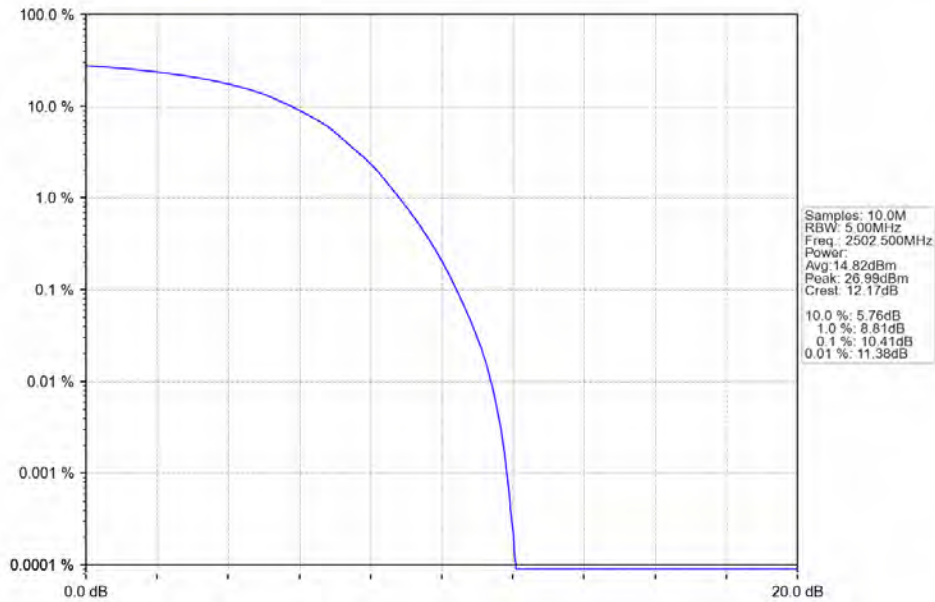
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Band7_5MHz_64QAM_LCH_2502.5MHz_RB_25_0_NTNV



Band7_5MHz_64QAM_MCH_2535MHz_RB_25_0_NTNV



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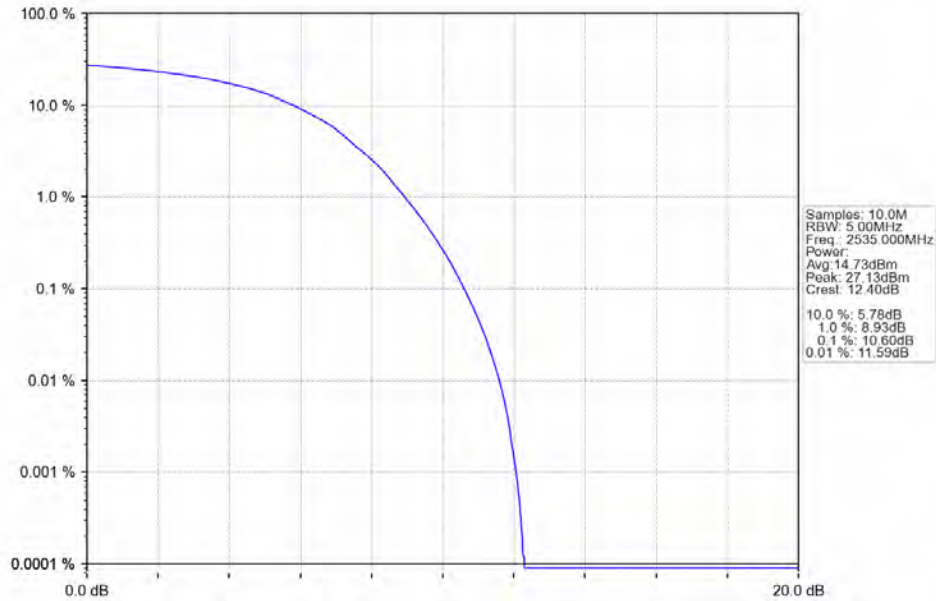
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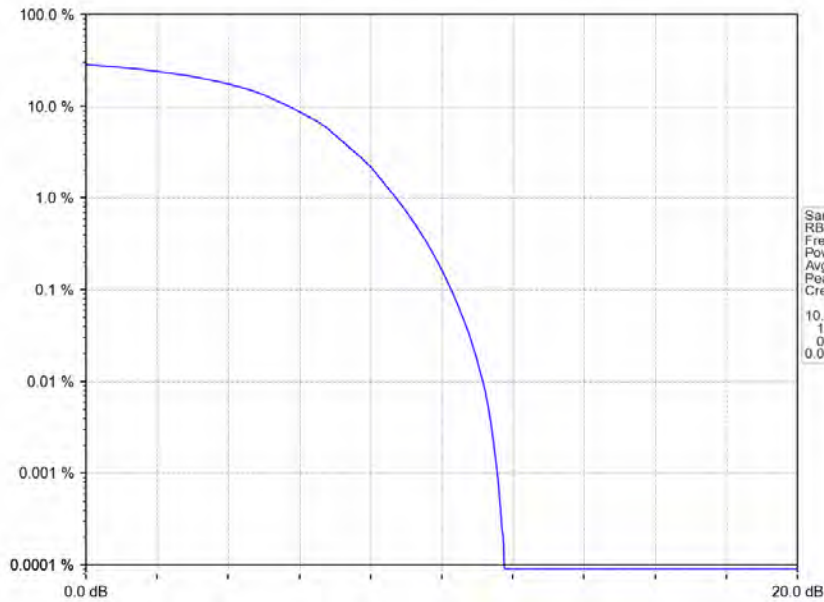
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Band7 5MHz 64QAM HCH 2567.5MHz RB 25 0 NTN



Band7 5MHz 256QAM LCH 2502.5MHz RB 25 0 NTN



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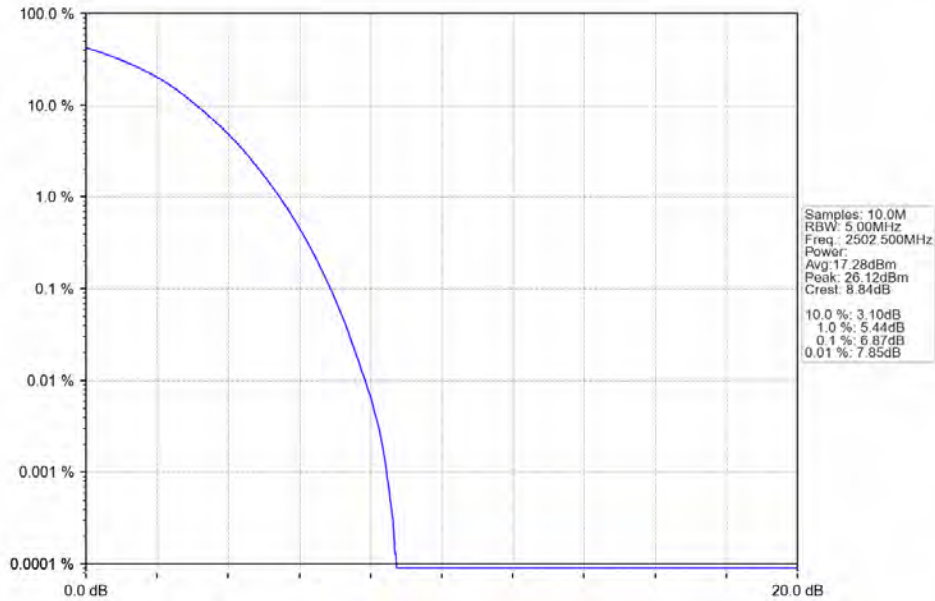
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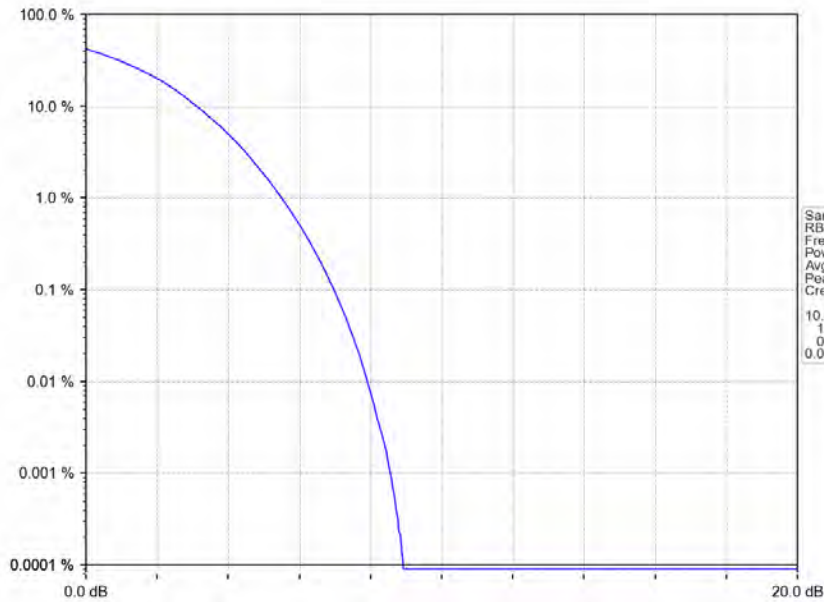
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Band7_5MHz_256QAM_MCH_2535MHz_RB_25_0_NTNV



Band7_5MHz_256QAM_HCH_2567.5MHz_RB_25_0_NTNV



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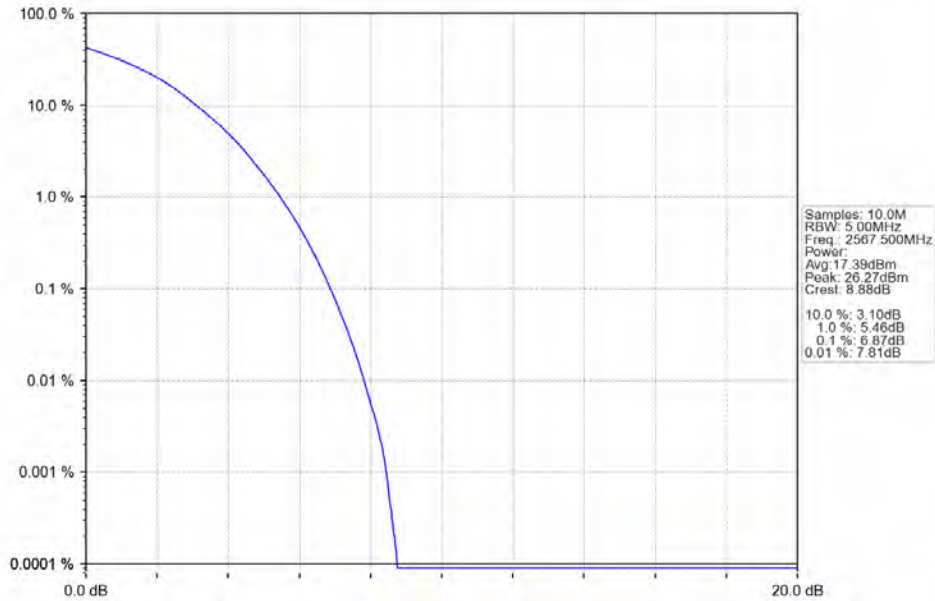
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5.2 B7_10MHz

5.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2505	50	0	5.26	<=13	Pass
	2535	50	0	5.31	<=13	Pass
	2565	50	0	5.16	<=13	Pass
16QAM	2505	50	0	6.08	<=13	Pass
	2535	50	0	6.15	<=13	Pass
	2565	50	0	6.01	<=13	Pass
64QAM	2505	50	0	6.48	<=13	Pass
	2535	50	0	11.94	<=13	Pass
	2565	50	0	11.77	<=13	Pass
256QAM	2505	50	0	6.84	<=13	Pass
	2535	50	0	6.93	<=13	Pass
	2565	50	0	6.87	<=13	Pass



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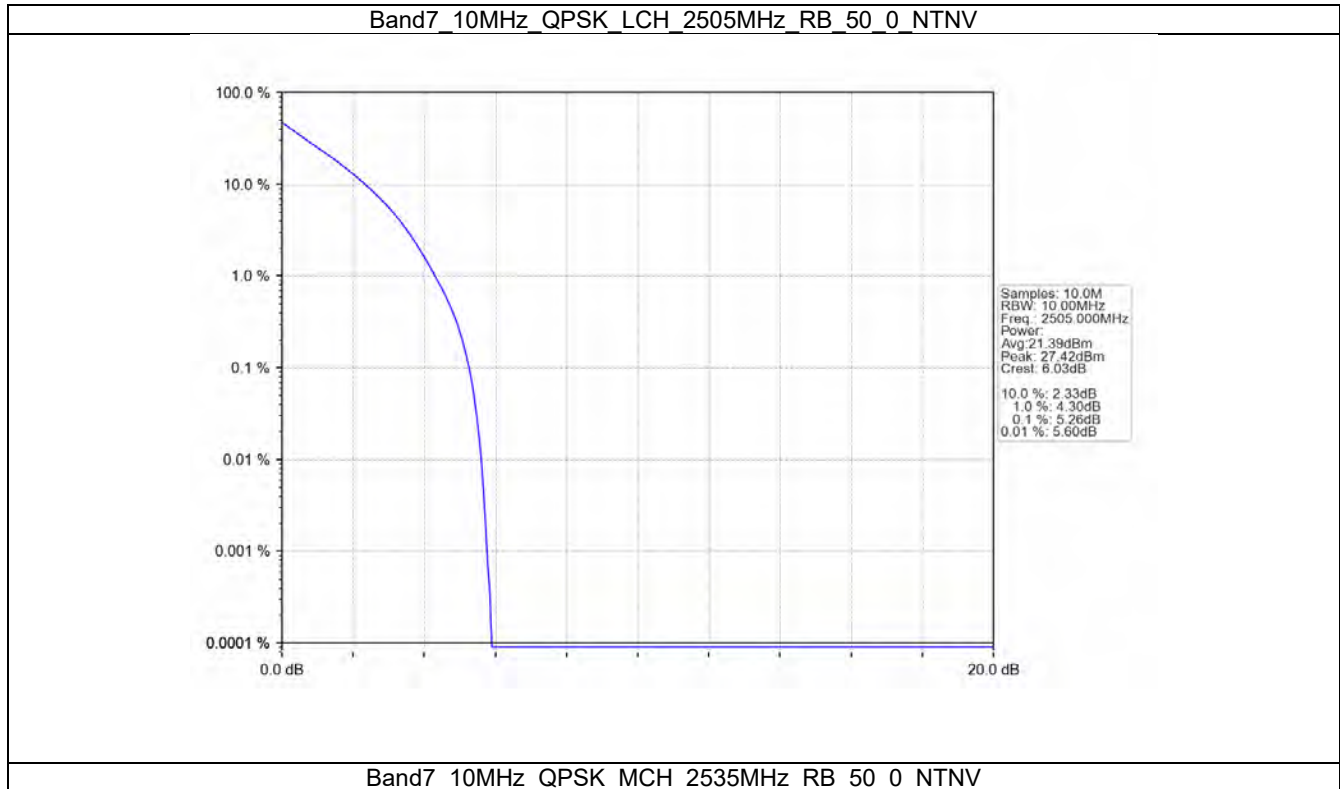
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5.2.2 Test Graph



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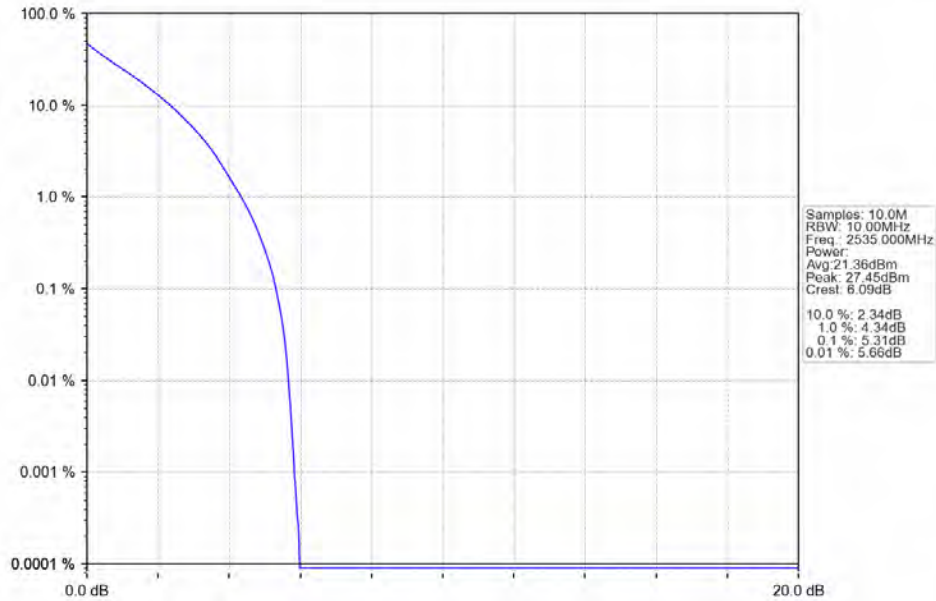
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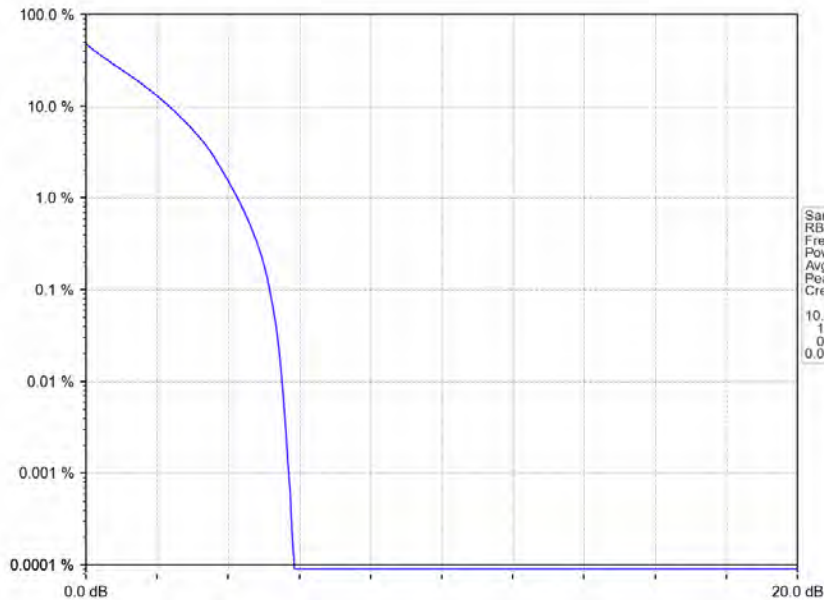
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Band7_10MHz_QPSK_HCH_2565MHz_RB_50_0_NTNV



Samples: 10.0M
RBW: 10.00MHz
Freq: 2565.000MHz
Power:
Avg 21.53dBm
Peak: 27.43dBm
Crest: 5.90dB
10.0%: 2.34dB
1.0%: 4.26dB
0.1%: 5.16dB
0.01%: 5.51dB

Band7_10MHz_16QAM_LCH_2505MHz_RB_50_0_NTNV



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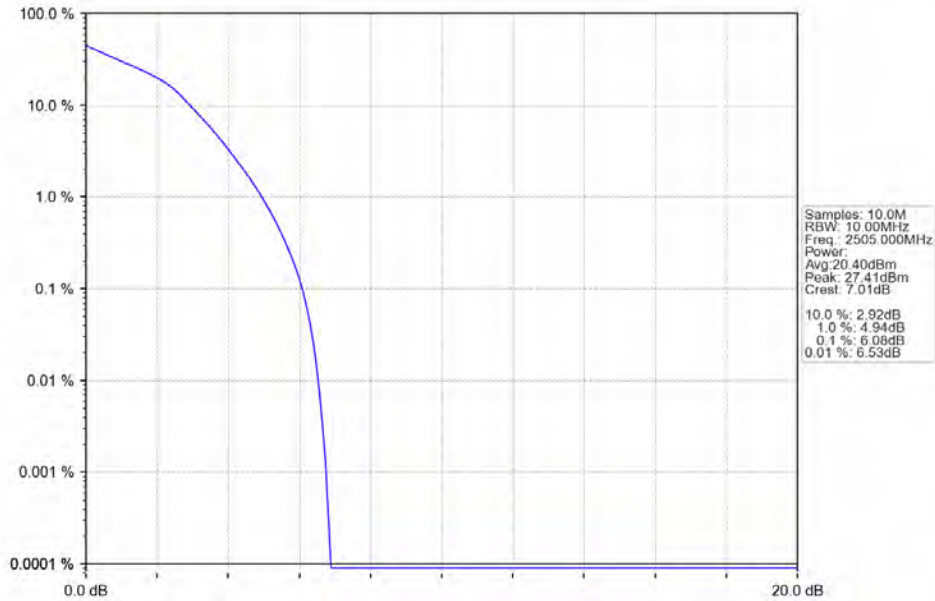
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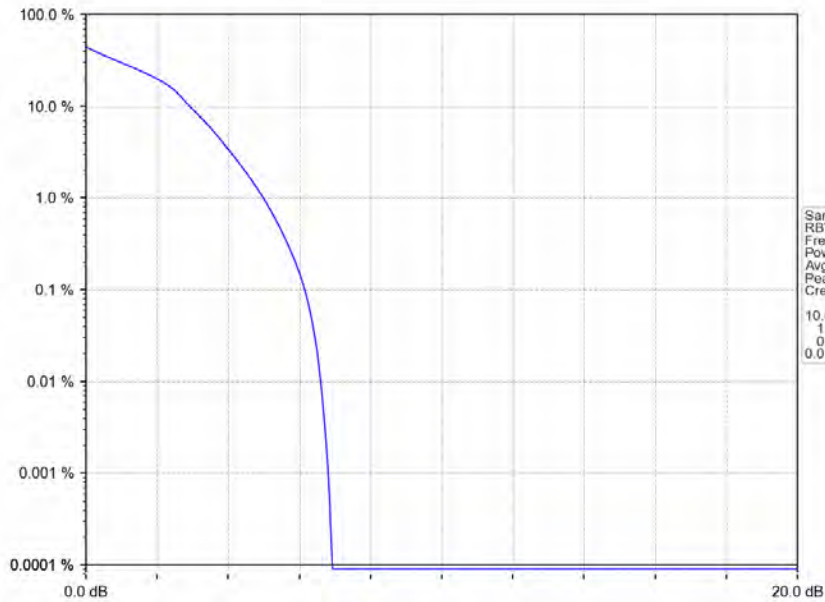
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Band7_10MHz_16QAM_MCH_2535MHz_RB_50_0_NTNV



Band7_10MHz_16QAM_HCH_2565MHz_RB_50_0_NTNV



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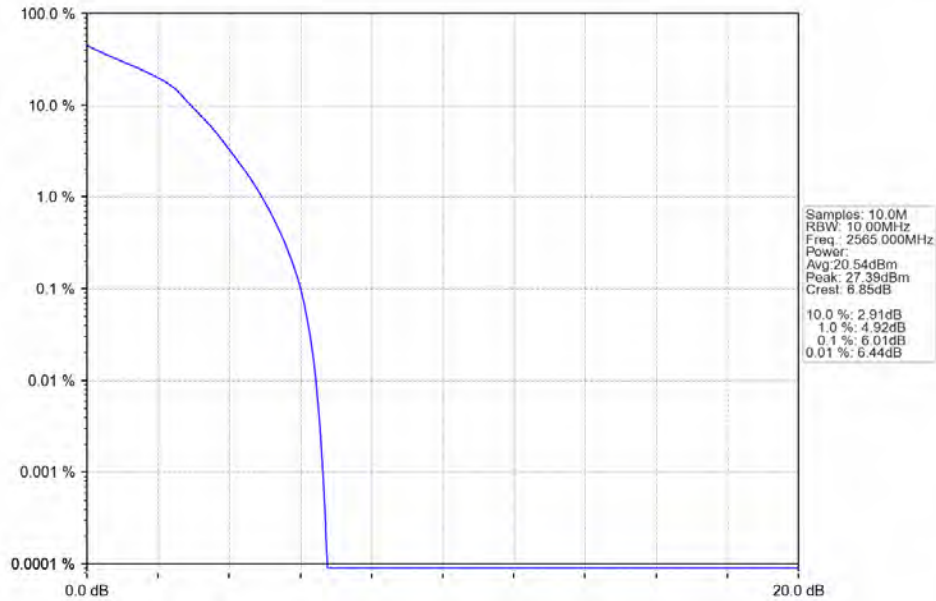
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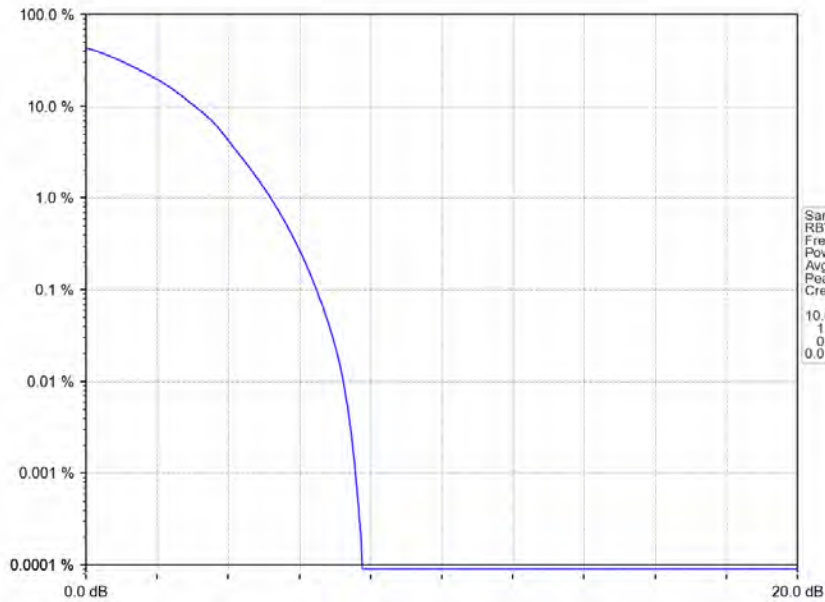
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Band7_10MHz_64QAM_LCH_2505MHz_RB_50_0_NTNV



Band7_10MHz_64QAM_MCH_2535MHz_RB_50_0_NTNV



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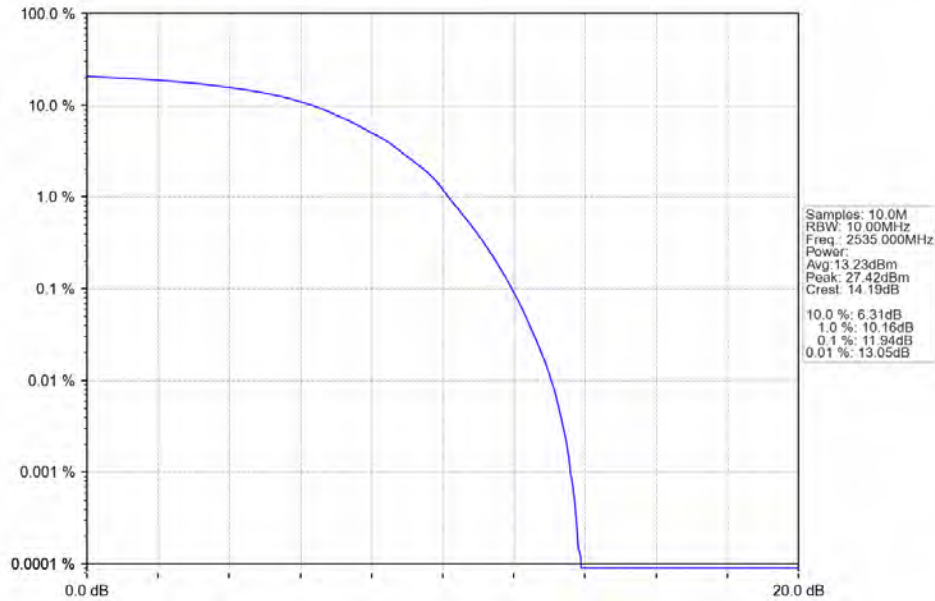
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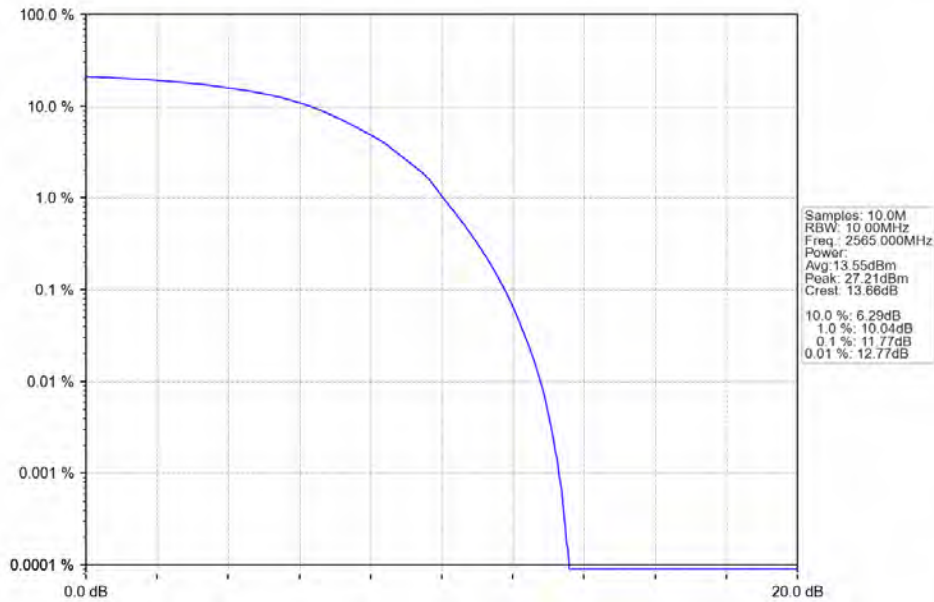
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Band7_10MHz_256QAM_LCH_2505MHz_RB_50_0_NTNV



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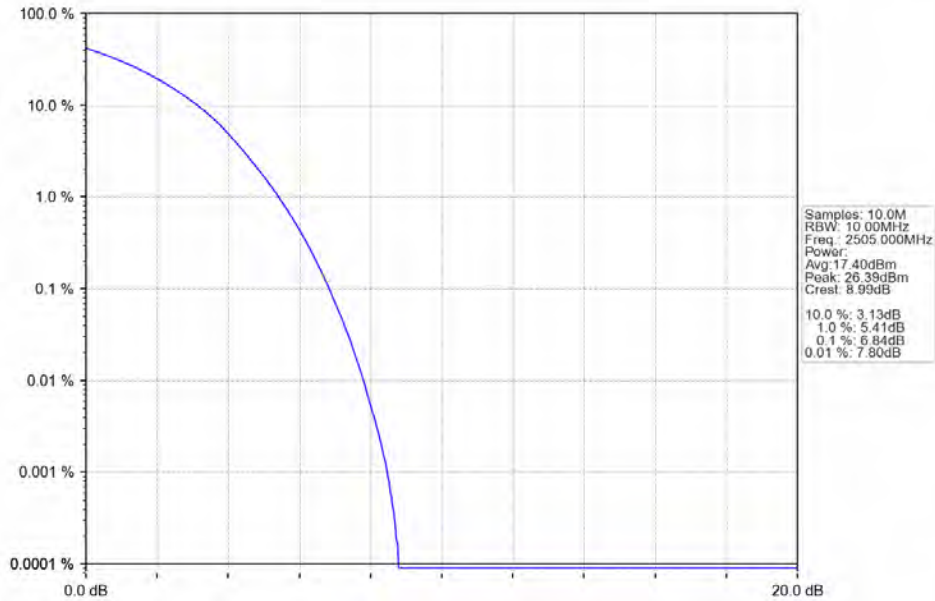
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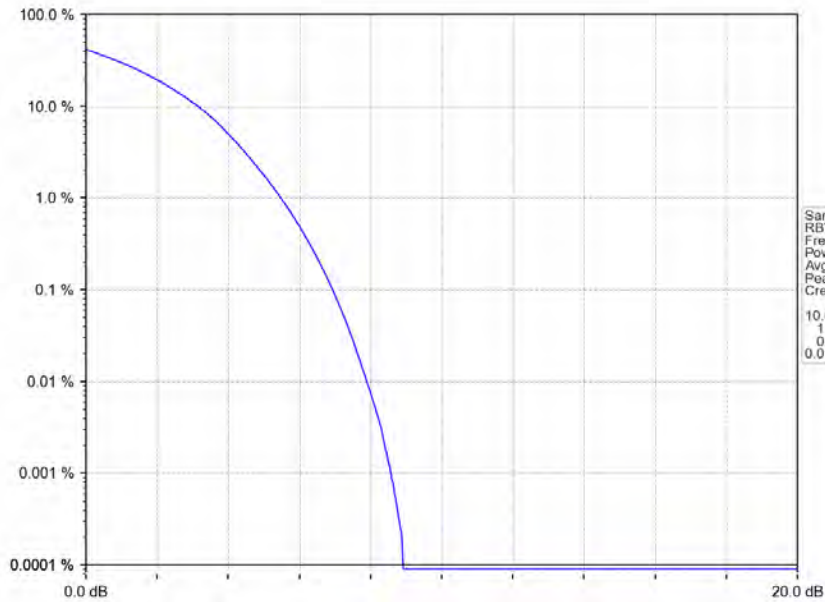
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Band7 10MHz 256QAM MCH 2535MHz RB 50 0 NTN



Samples: 10.0M
RBW: 10.00MHz
Freq: 2535.000MHz
Power:
Avg: 17.36dBm
Peak: 26.54dBm
Crest: 9.18dB
10.0 %: 3.14dB
1.0 %: 5.48dB
0.1 %: 6.93dB
0.01 %: 7.89dB

Band7 10MHz 256QAM HCH 2565MHz RB 50 0 NTN



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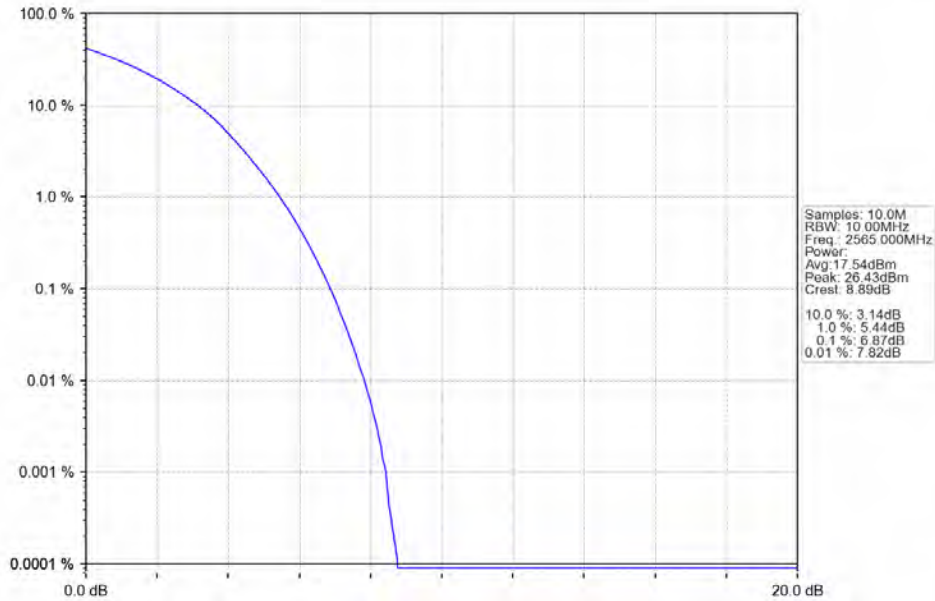
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5.3 B7_15MHz

5.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2507.5	75	0	5.14	<=13	Pass
	2535	75	0	5.31	<=13	Pass
	2562.5	75	0	5.21	<=13	Pass
16QAM	2507.5	75	0	5.98	<=13	Pass
	2535	75	0	6.14	<=13	Pass
	2562.5	75	0	6.03	<=13	Pass
64QAM	2507.5	75	0	6.42	<=13	Pass
	2535	75	0	6.56	<=13	Pass
	2562.5	75	0	11.22	<=13	Pass
256QAM	2507.5	75	0	6.87	<=13	Pass
	2535	75	0	6.93	<=13	Pass
	2562.5	75	0	6.91	<=13	Pass



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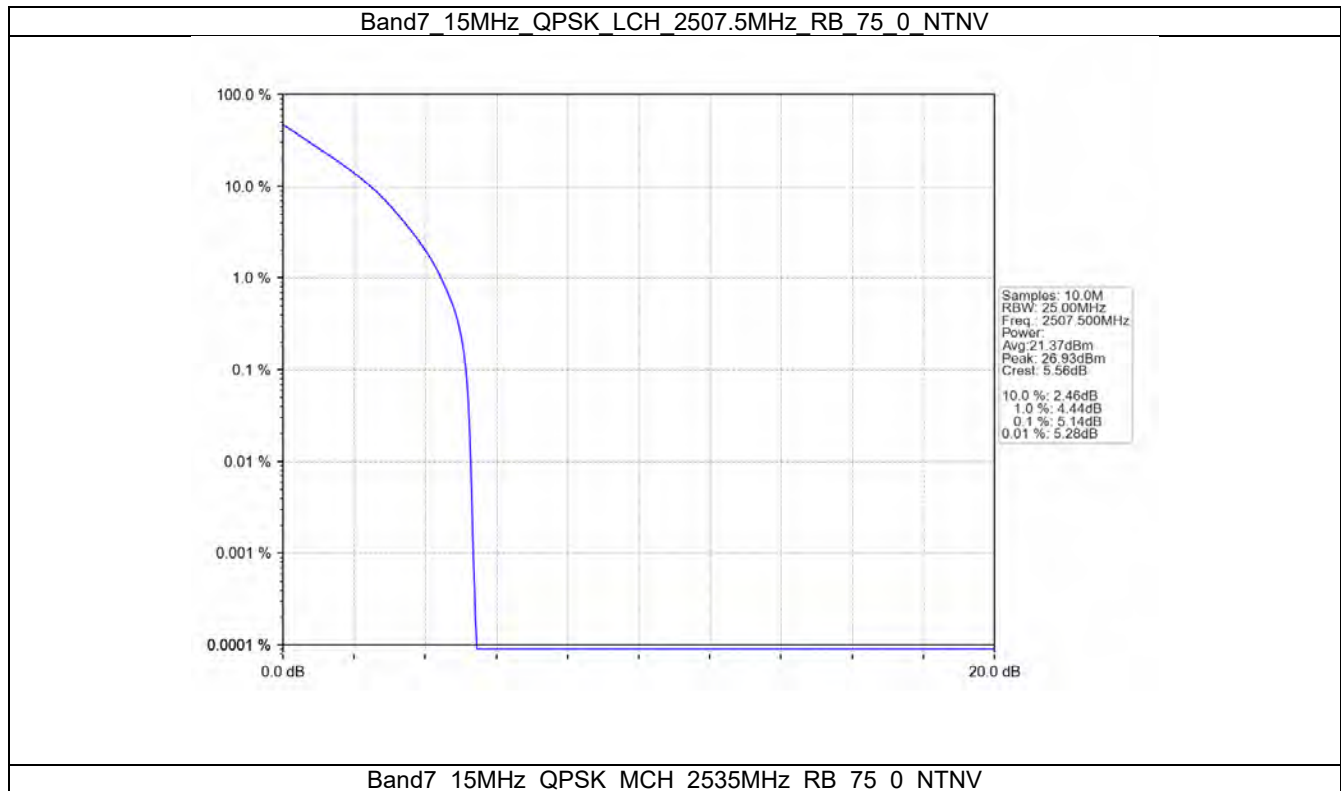
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5.3.2 Test Graph



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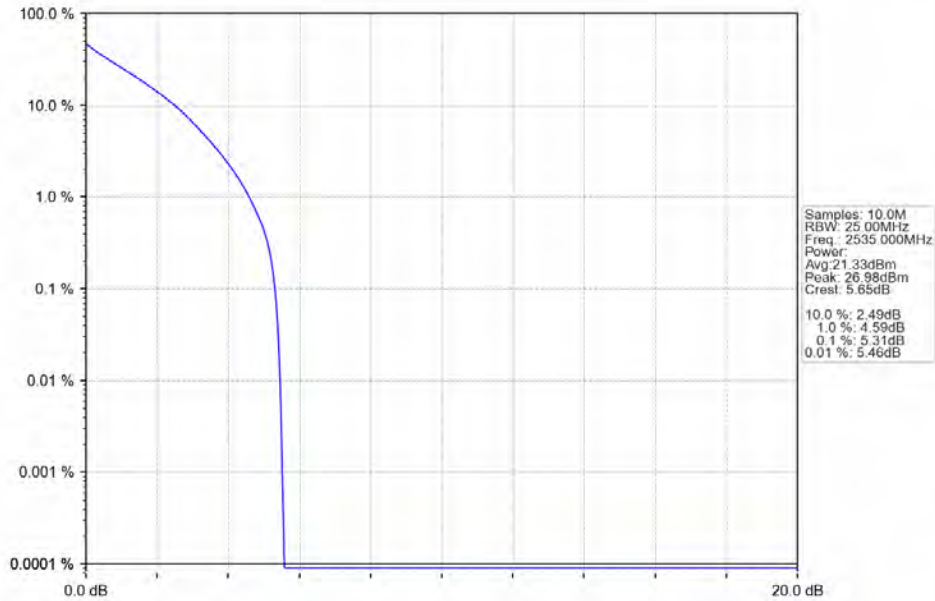
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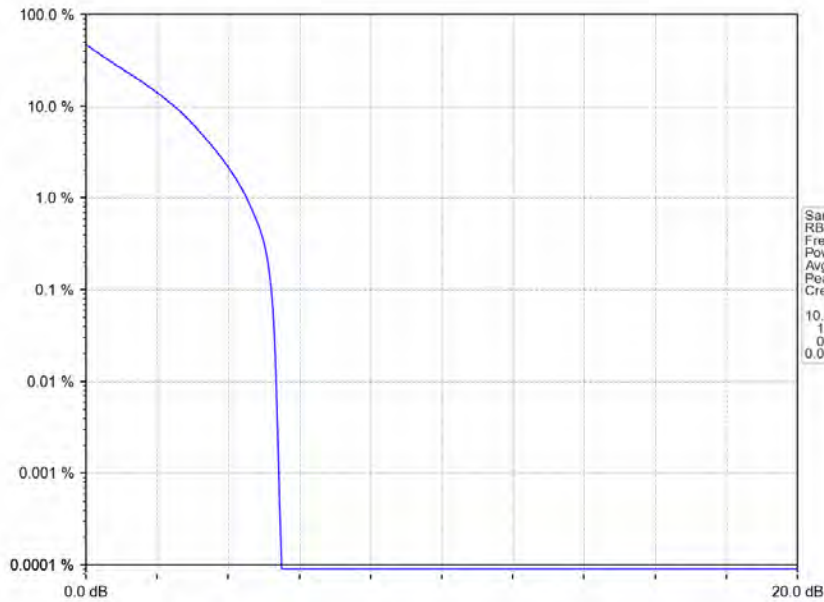
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Band7 15MHz QPSK HCH 2562.5MHz RB 75 0 NTN



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



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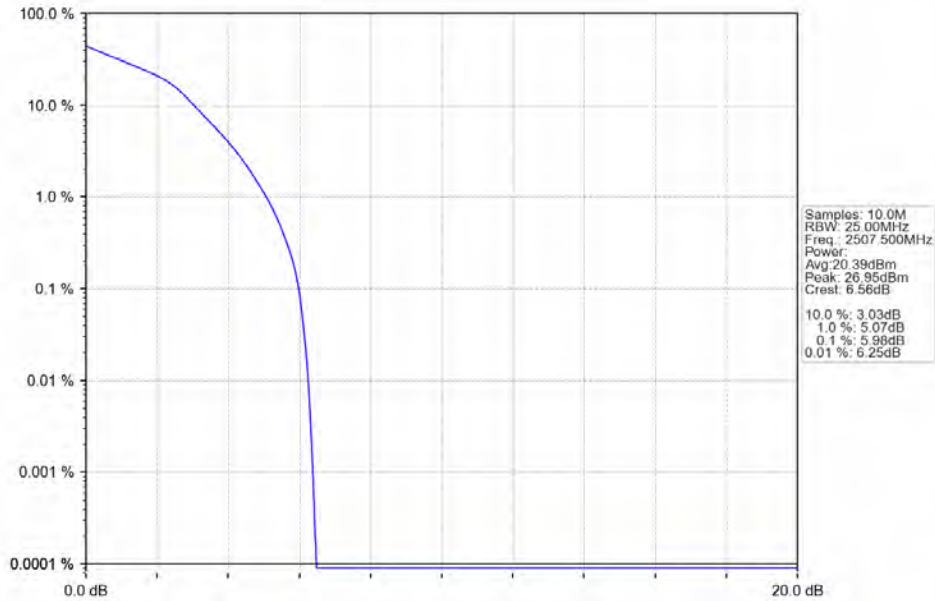
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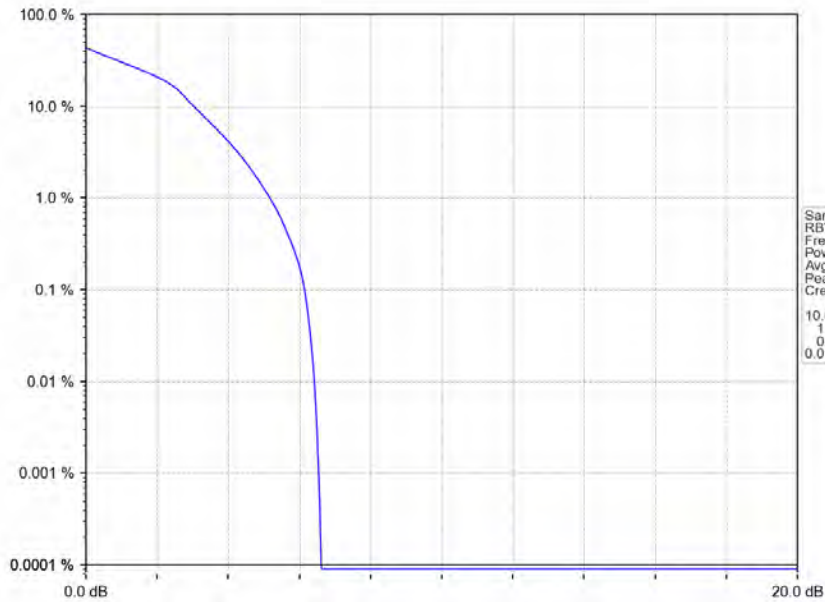
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Band7_15MHz_16QAM_MCH_2535MHz_RB_75_0_NTNV



Band7_15MHz_16QAM_HCH_2562.5MHz_RB_75_0_NTNV



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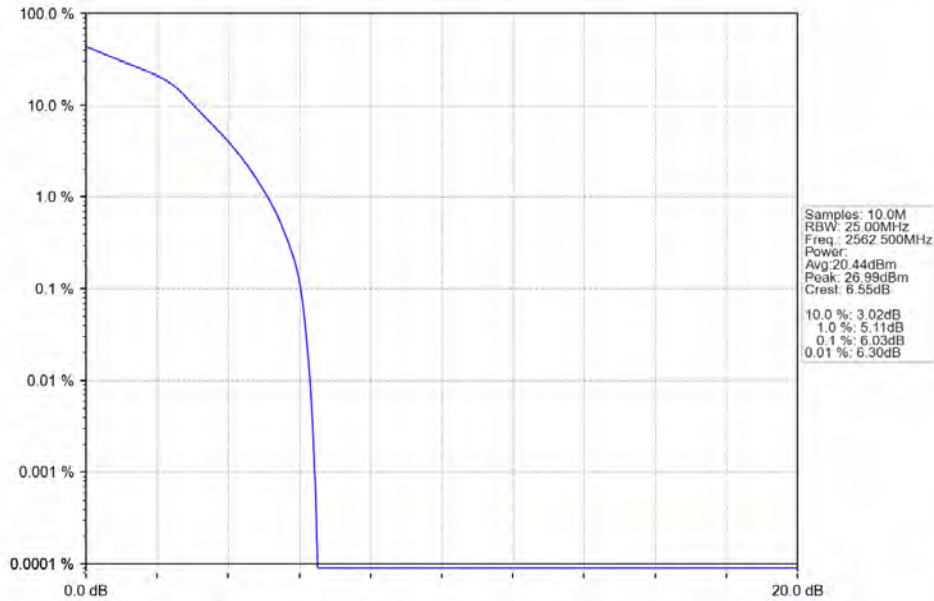
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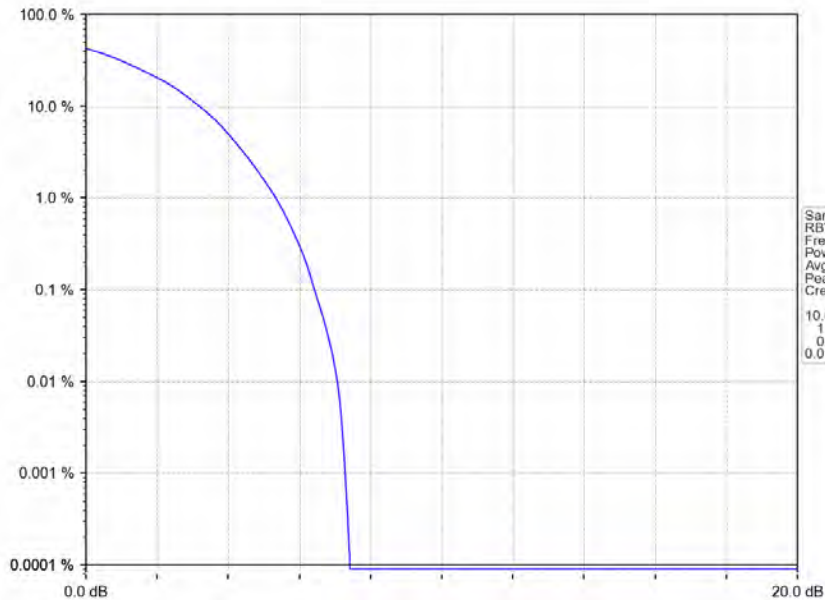
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Band7_15MHz_64QAM_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_64QAM_MCH_2535MHz_RB_75_0_NTNV



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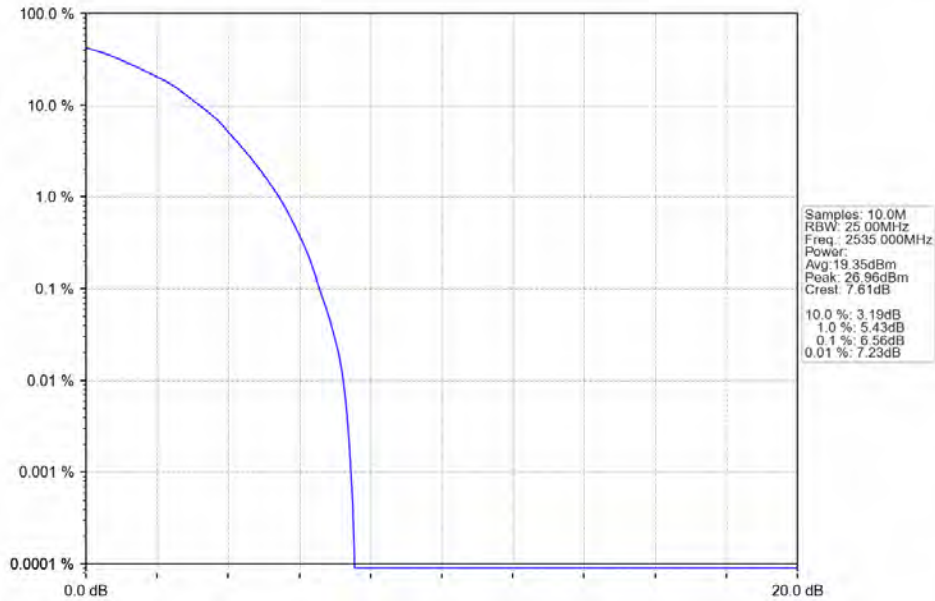
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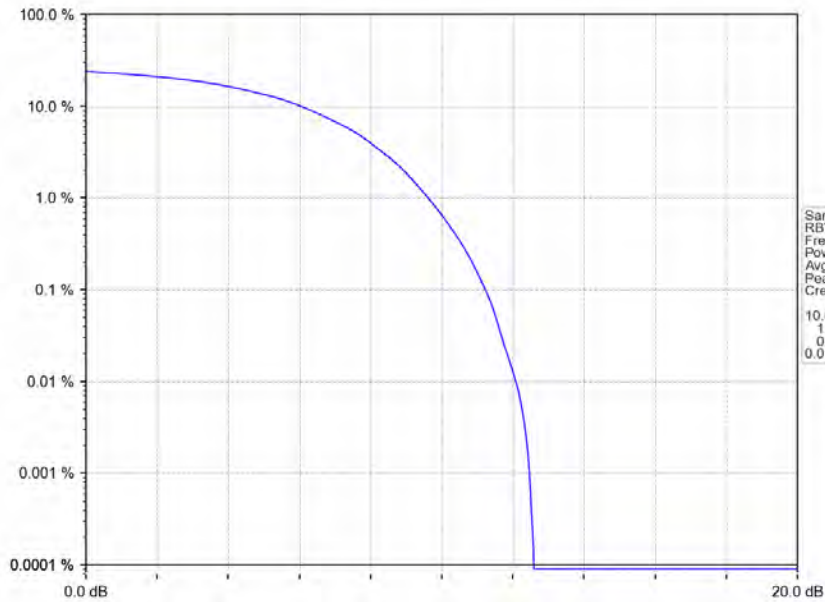
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Band7 15MHz 64QAM HCH 2562.5MHz RB 75 0 NTN



Band7 15MHz 256QAM LCH 2507.5MHz RB 75 0 NTN



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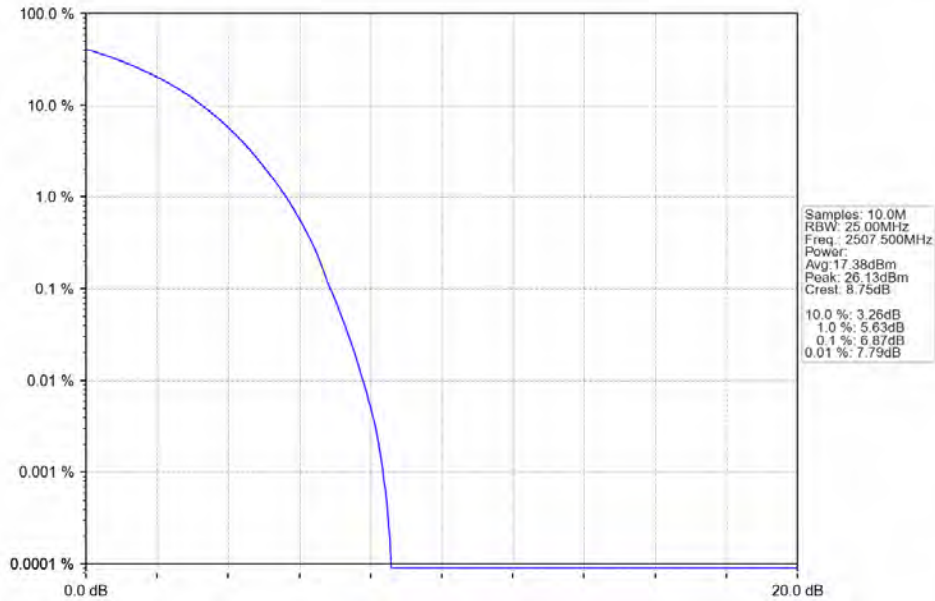
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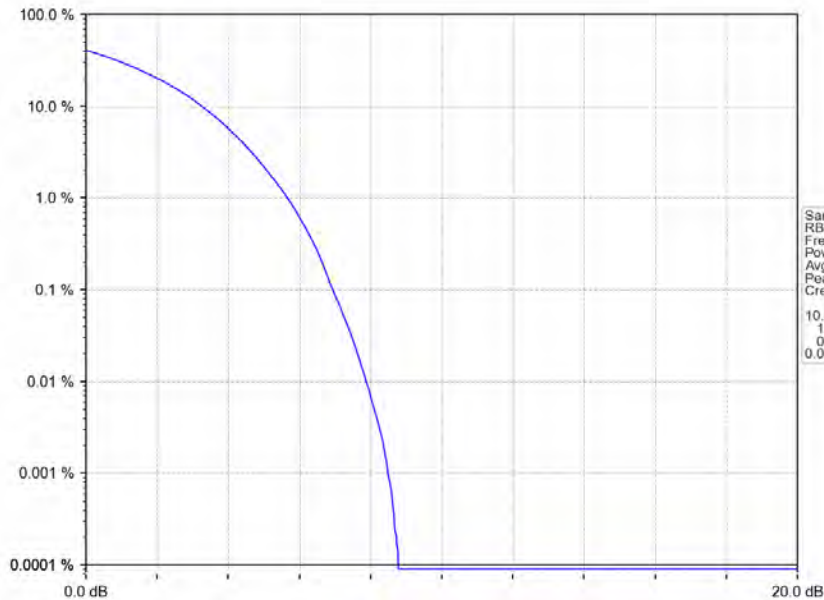
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Band7 15MHz 256QAM MCH 2535MHz RB 75 0 NTNV



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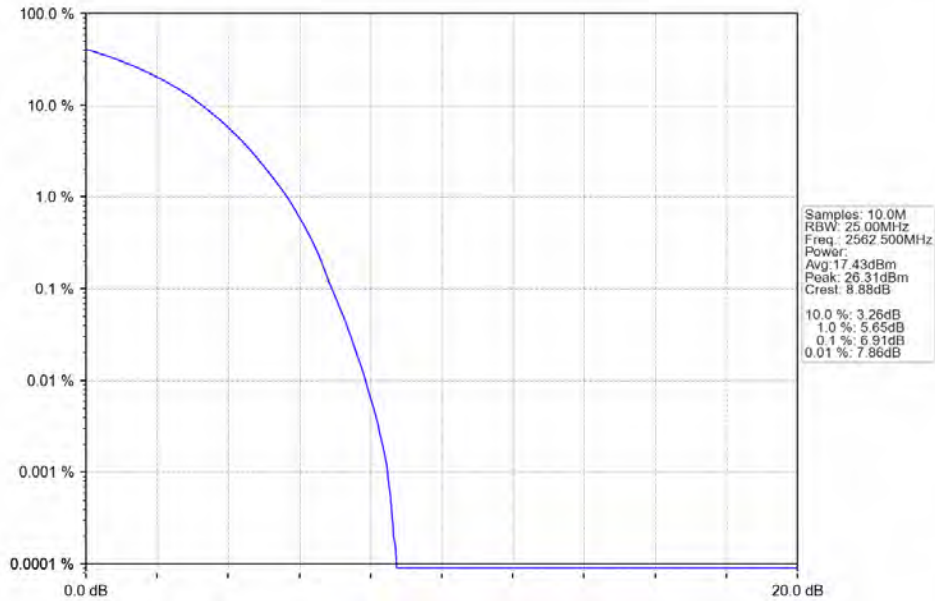
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5.4 B7_20MHz

5.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
Modulation	Frequency (MHz)	RB Allocation		Peak-Average Ratio (dB)		Verdict
		Size	Offset	Result	Limit	
QPSK	2510	100	0	5.09	<=13	Pass
	2535	100	0	5.28	<=13	Pass
	2560	100	0	5.19	<=13	Pass
16QAM	2510	100	0	5.97	<=13	Pass
	2535	100	0	6.14	<=13	Pass
	2560	100	0	6.06	<=13	Pass
64QAM	2510	100	0	6.41	<=13	Pass
	2535	100	0	11.57	<=13	Pass
	2560	100	0	11.53	<=13	Pass
256QAM	2510	100	0	6.84	<=13	Pass
	2535	100	0	6.95	<=13	Pass
	2560	100	0	6.89	<=13	Pass



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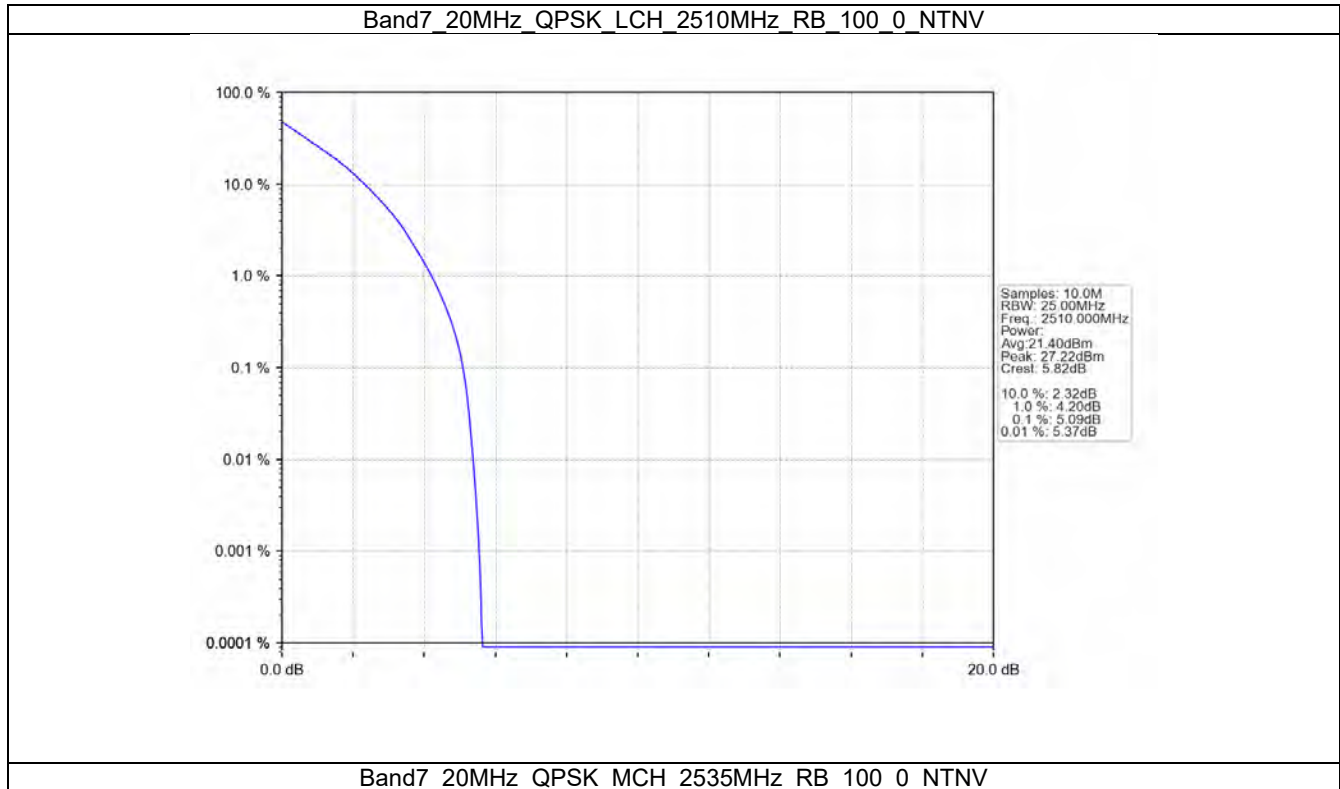
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5.4.2 Test Graph



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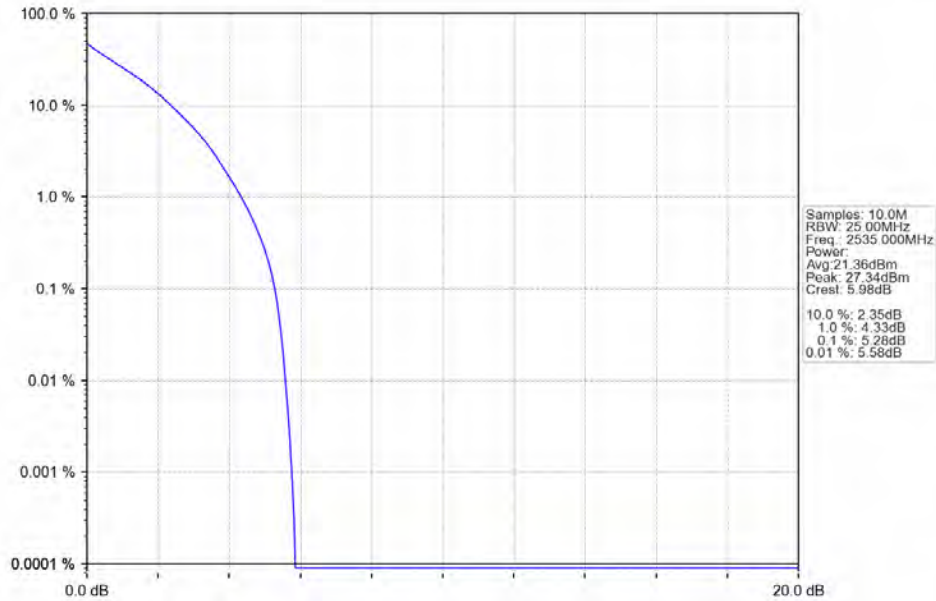
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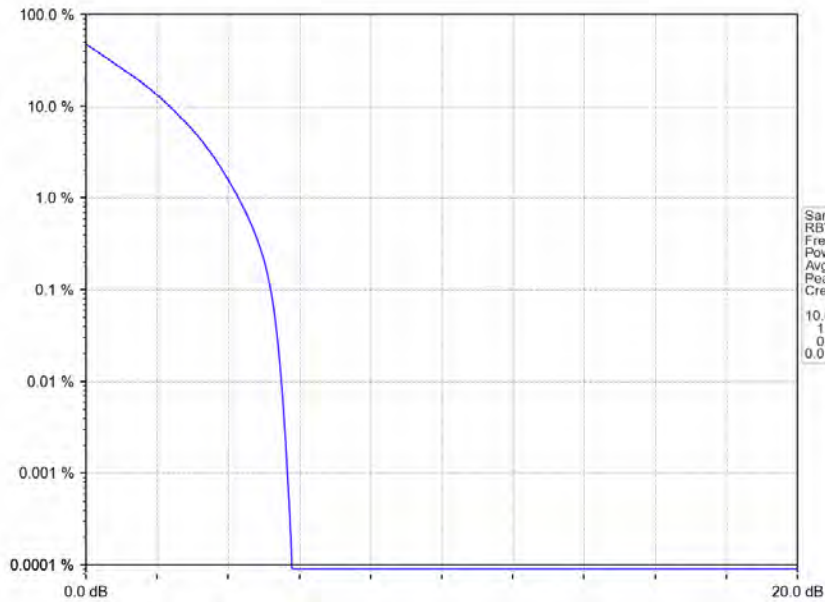
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



Samples: 10.0M
RBW: 25.00MHz
Freq: 2560.000MHz
Power:
Avg 21.58dBm
Peak: 27.51dBm
Crest: 5.93dB
10.0%: 2.34dB
1.0%: 4.29dB
0.1%: 5.19dB
0.01%: 5.49dB

Band7_20MHz_16QAM_LCH_2510MHz_RB_100_0_NTNV



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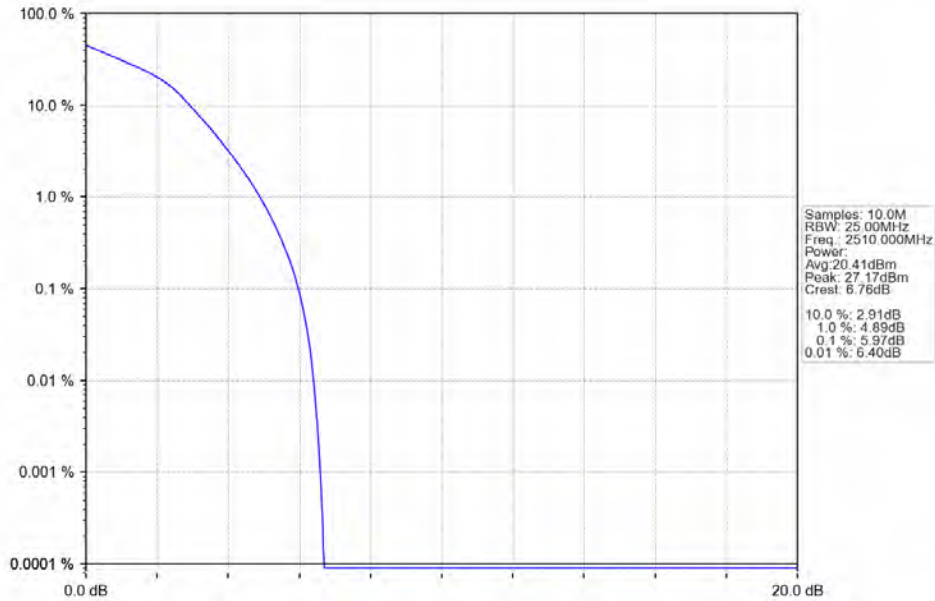
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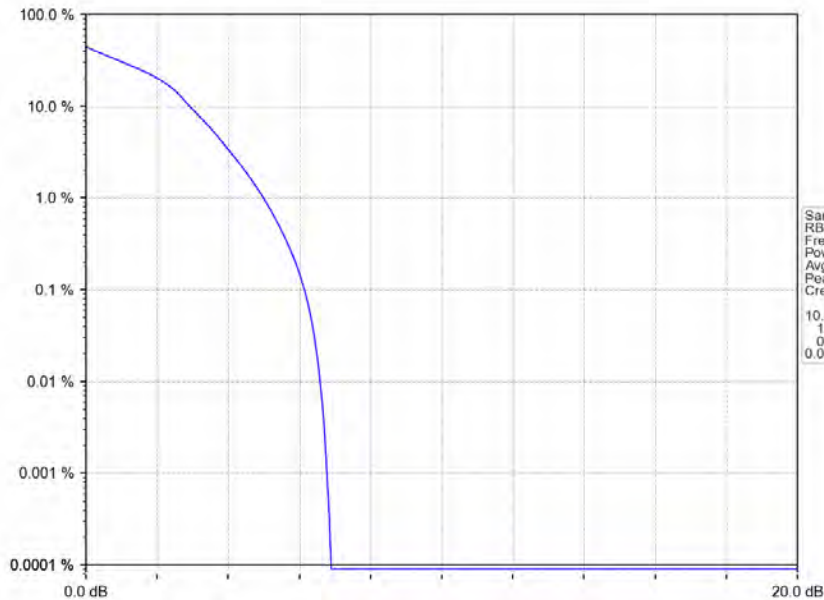
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Band7 20MHz 16QAM MCH 2535MHz RB 100 0 NTN



Band7 20MHz 16QAM HCH 2560MHz RB 100 0 NTN



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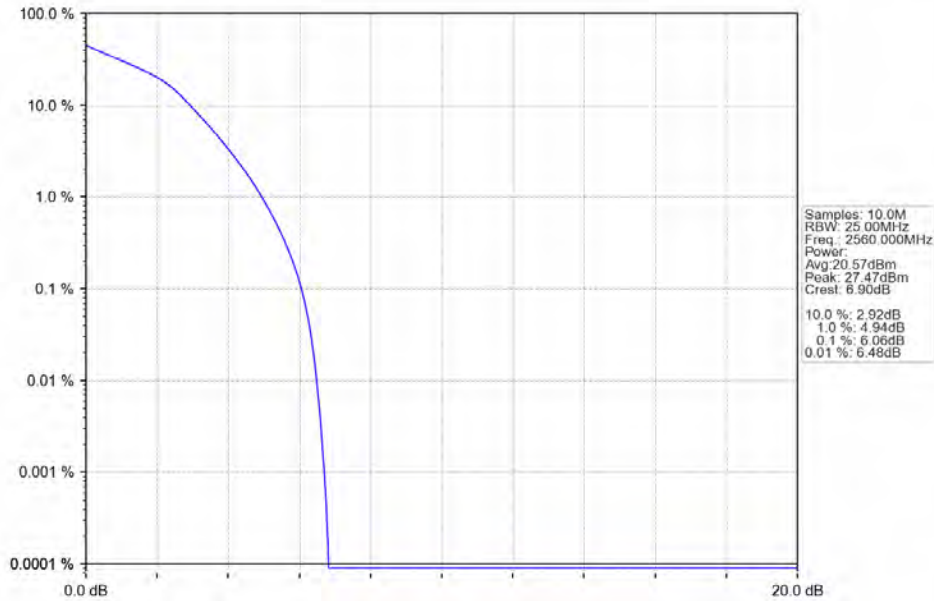
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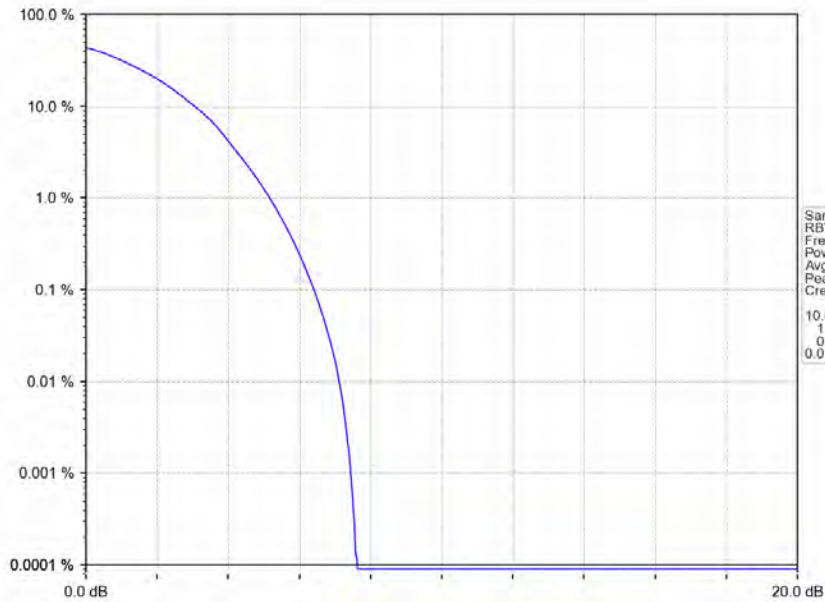
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Band7 20MHz 64QAM LCH 2510MHz RB 100 0 NTN



Samples: 10.0M
RBW: 25.00MHz
Freq: 2510.000MHz
Power:
Avg: 19.42dBm
Peak: 27.24dBm
Crest: 7.82dB

Band7 20MHz 64QAM MCH 2535MHz RB 100 0 NTN



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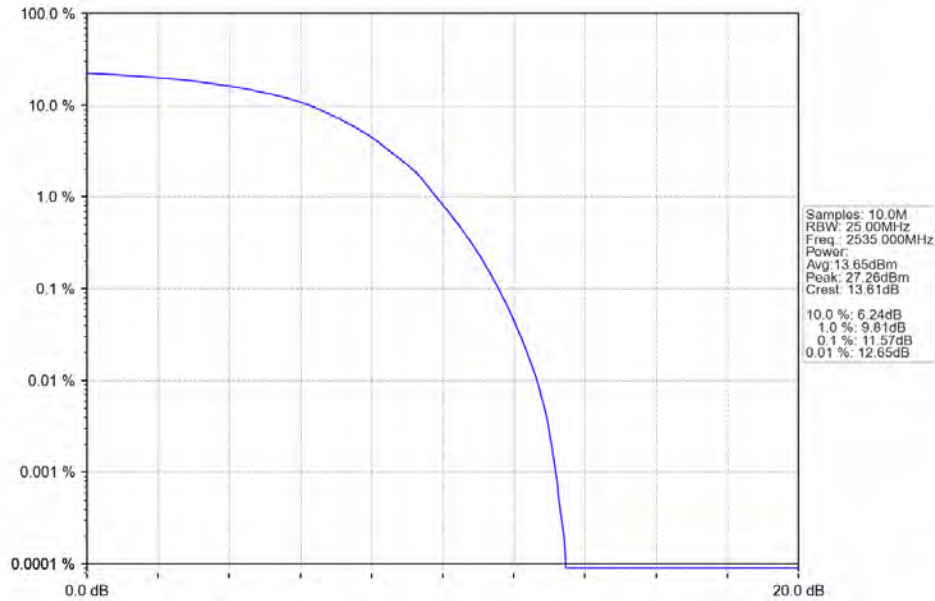
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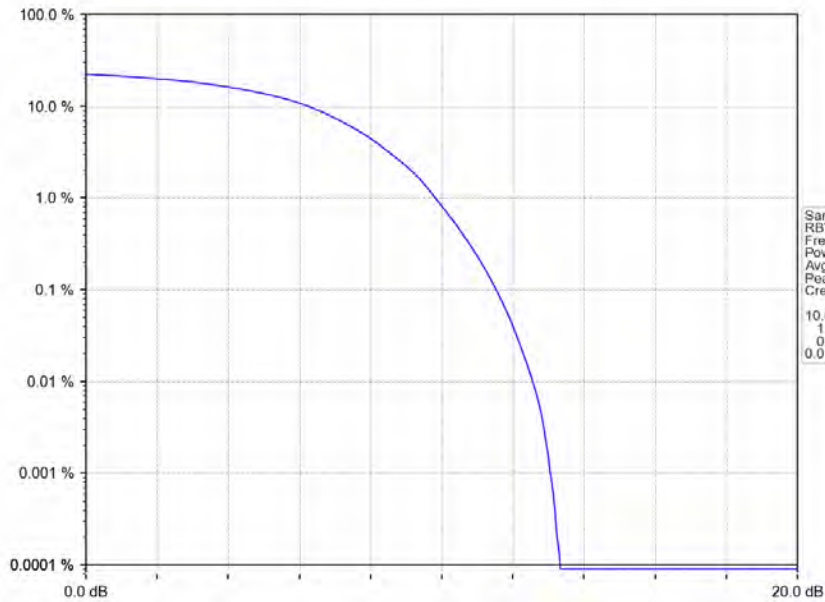
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Band7_20MHz_256QAM_LCH_2510MHz_RB_100_0_NTNV



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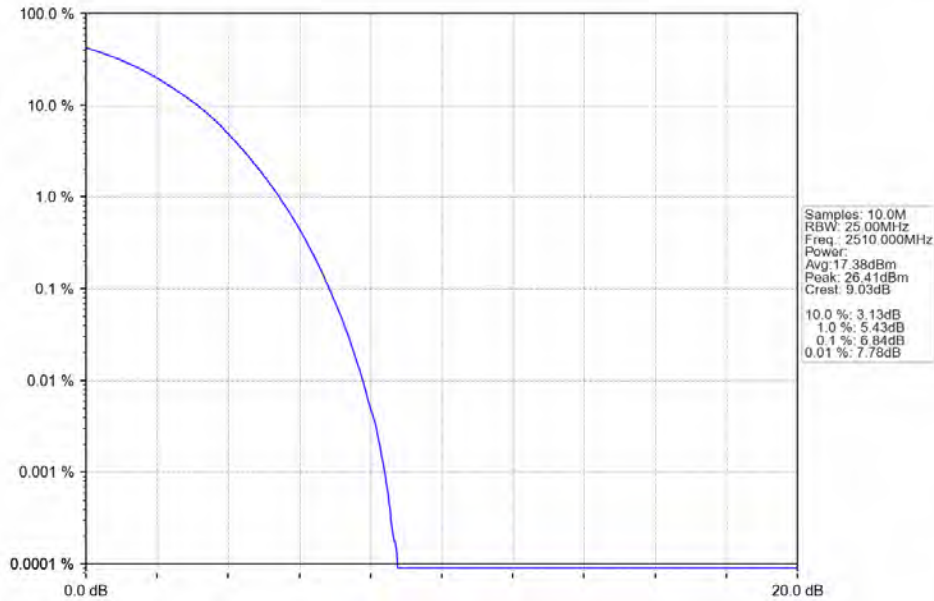
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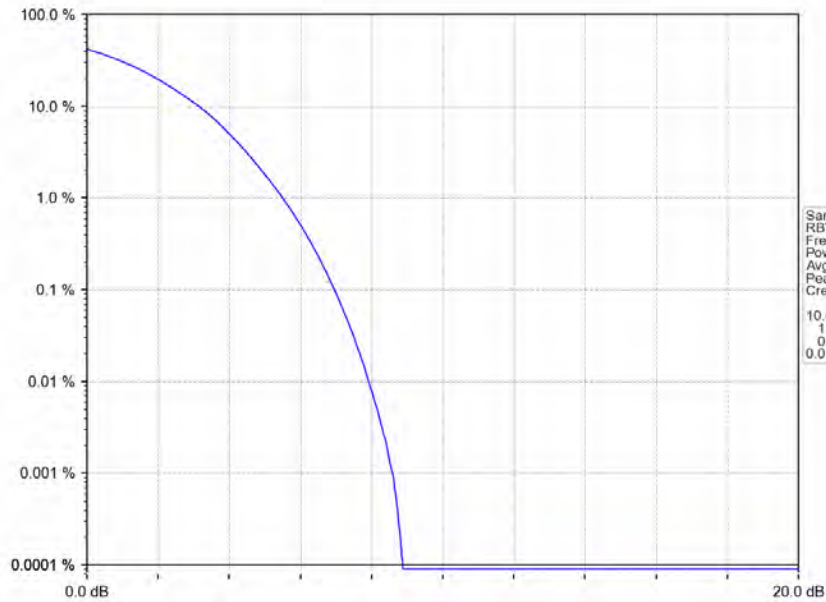
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Band7_20MHz_256QAM_MCH_2535MHz_RB_100_0_NTNV



Band7_20MHz_256QAM_HCH_2560MHz_RB_100_0_NTNV



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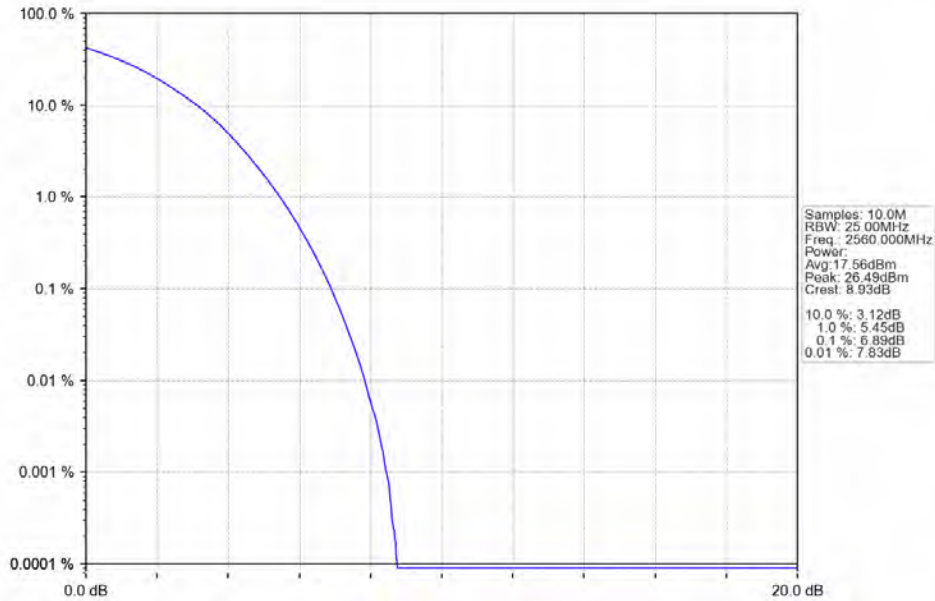
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6. Spurious Emission & Band Edges

6.1 B7_5MHz

6.1.1 Test Result

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



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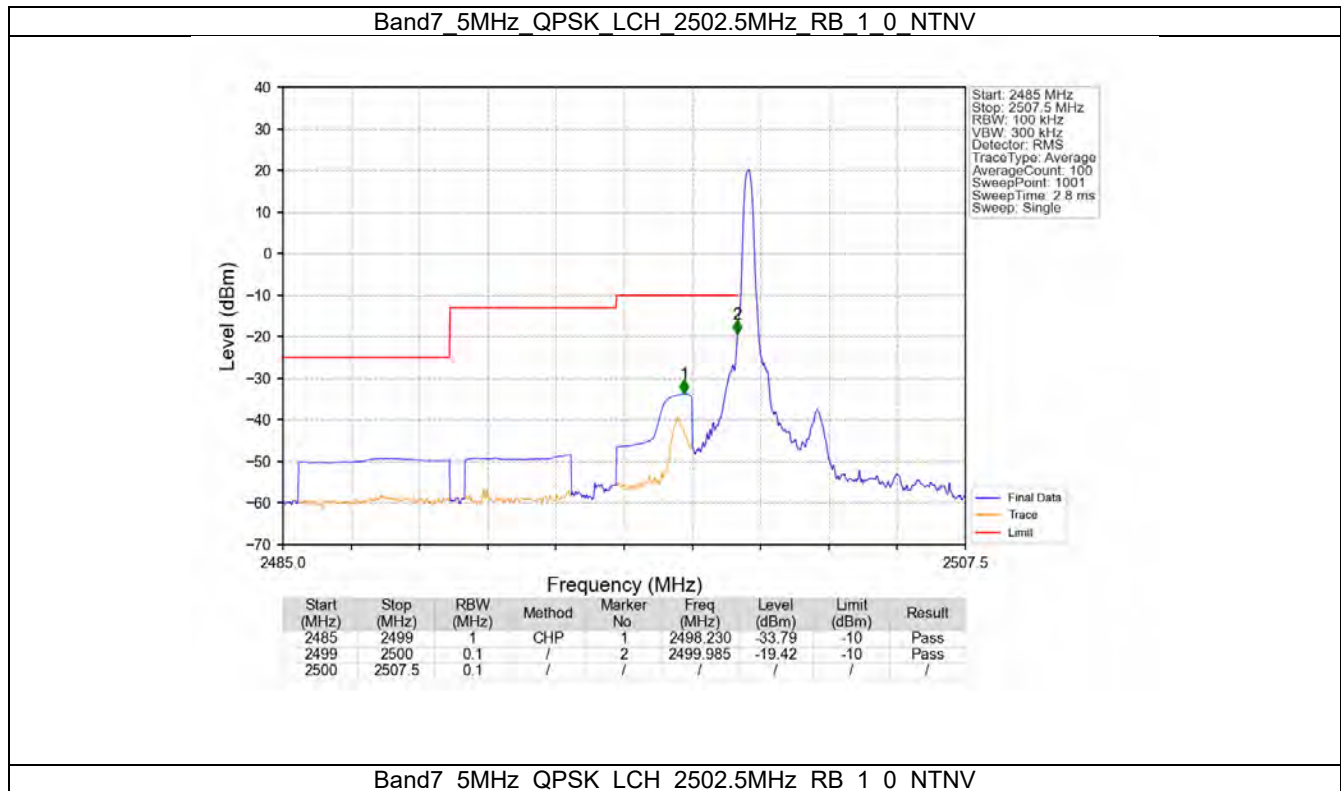
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6.1.2 Test Graph



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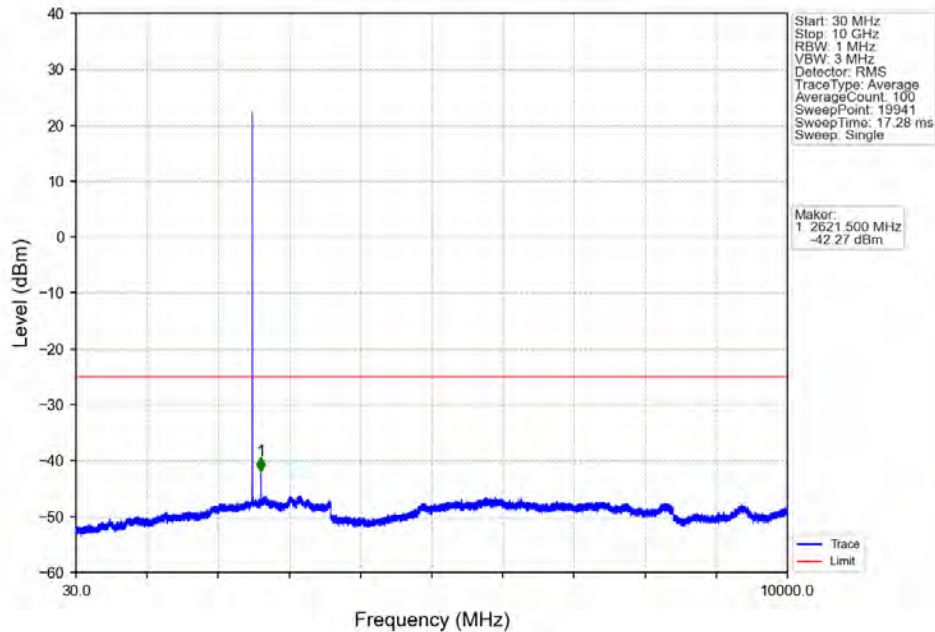
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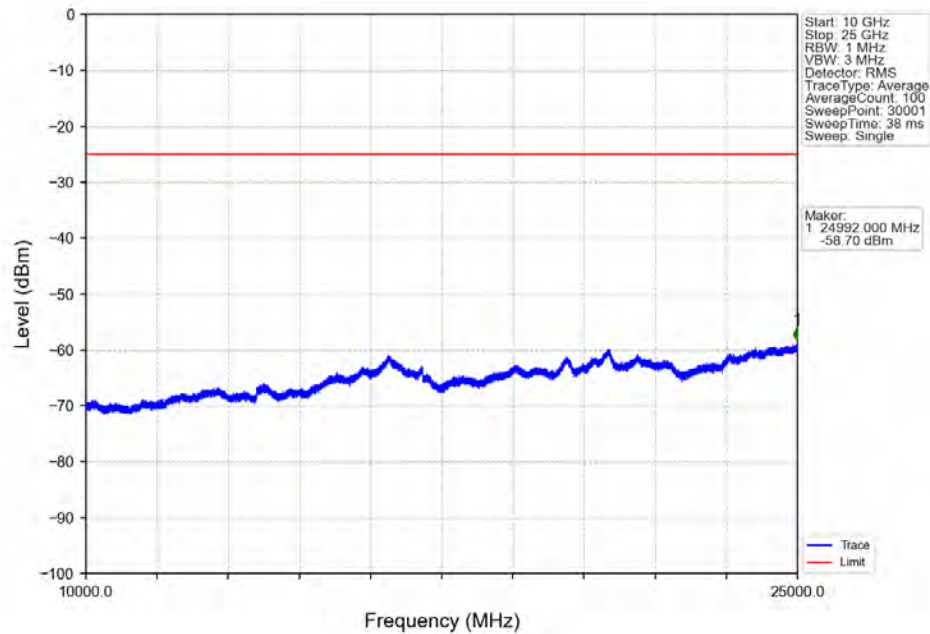
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Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_LCH_2502.5MHz_RB_1_0_NTNV



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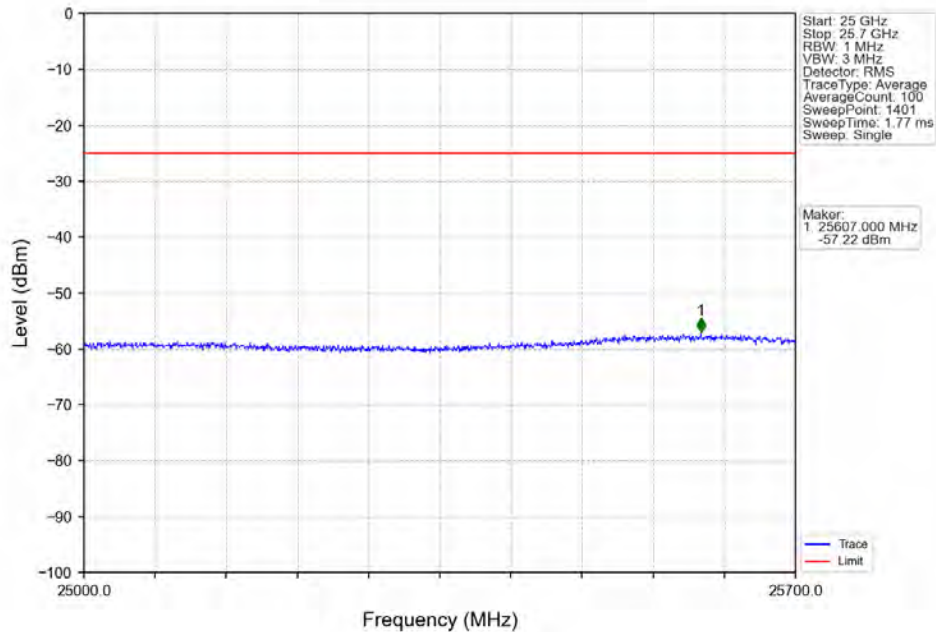
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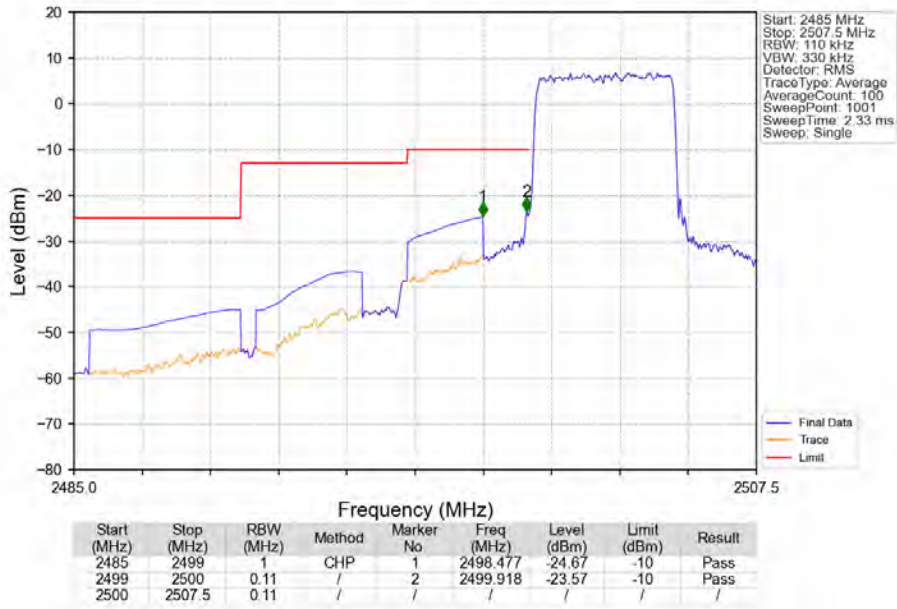
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Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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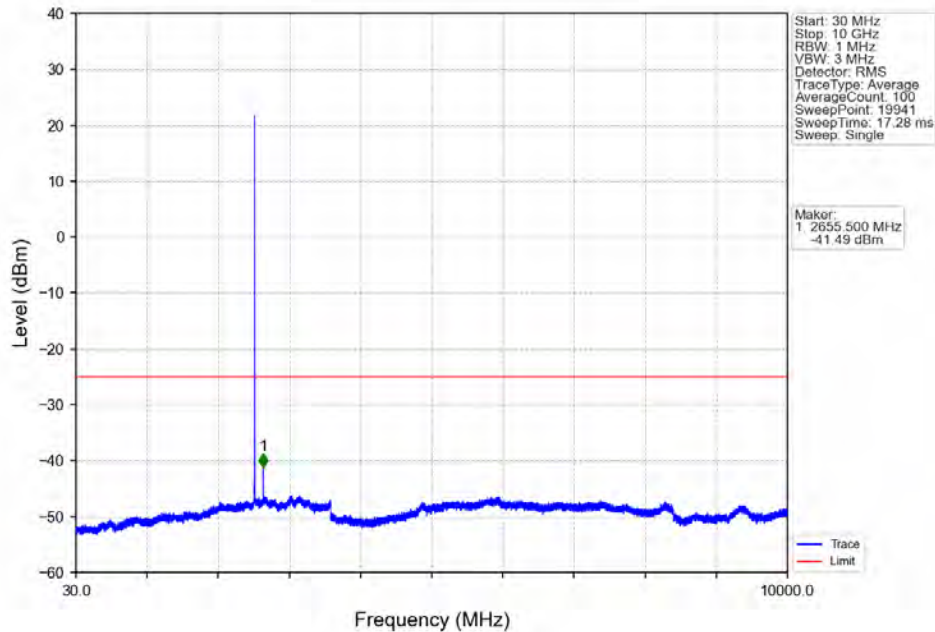
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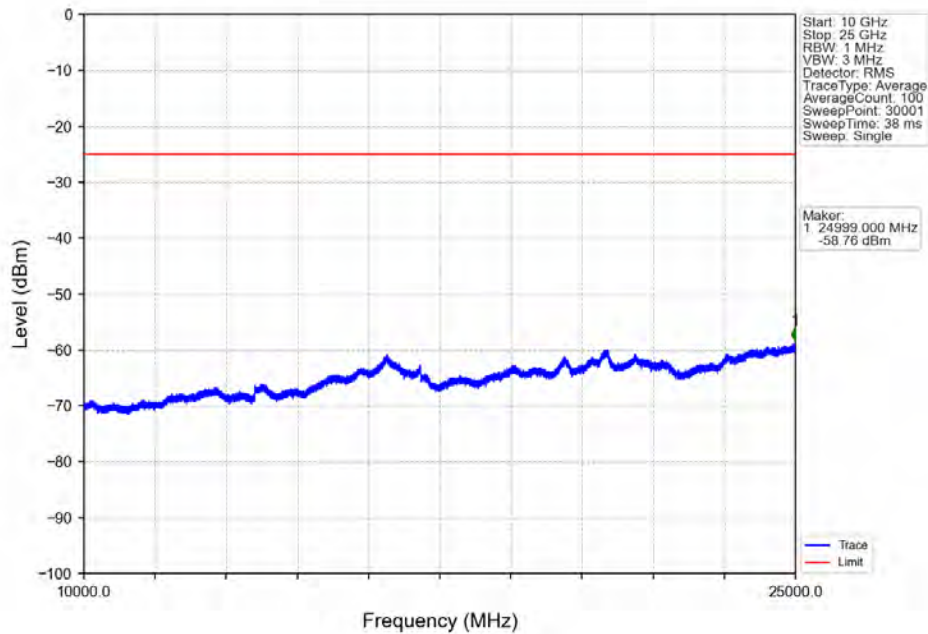
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Band7_5MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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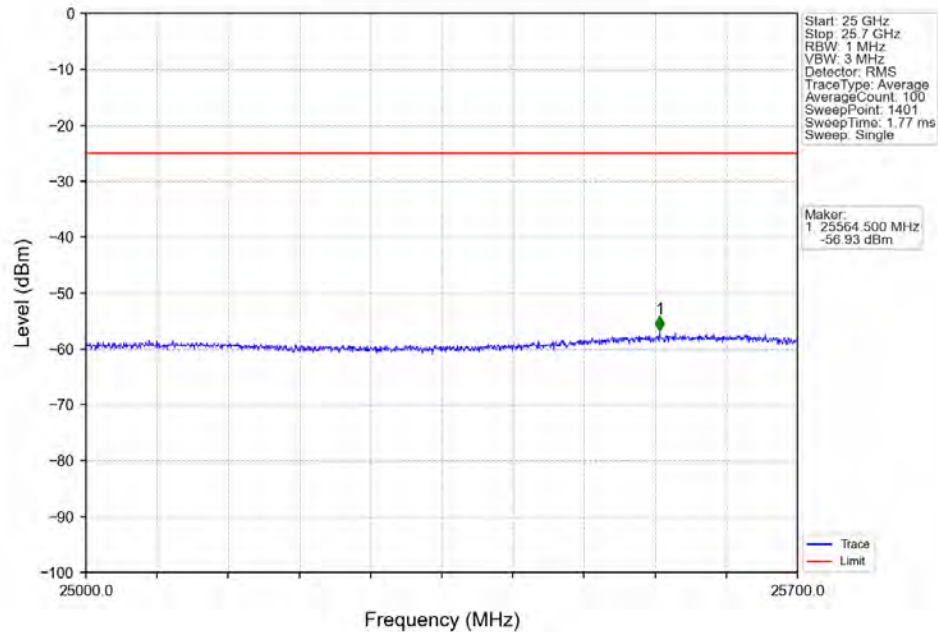
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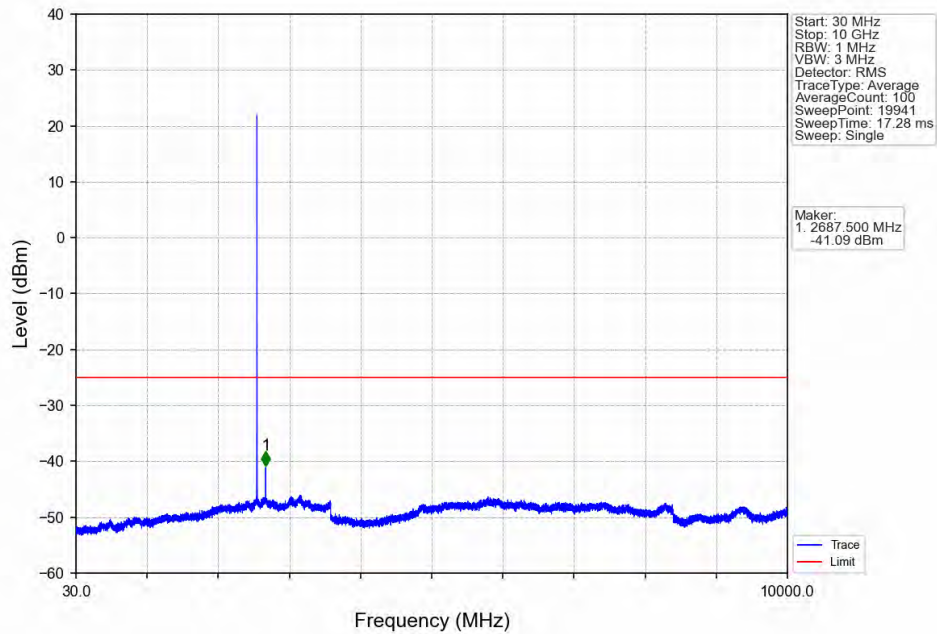
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Band7 5MHz QPSK HCH 2567.5MHz RB 1 0 NTN



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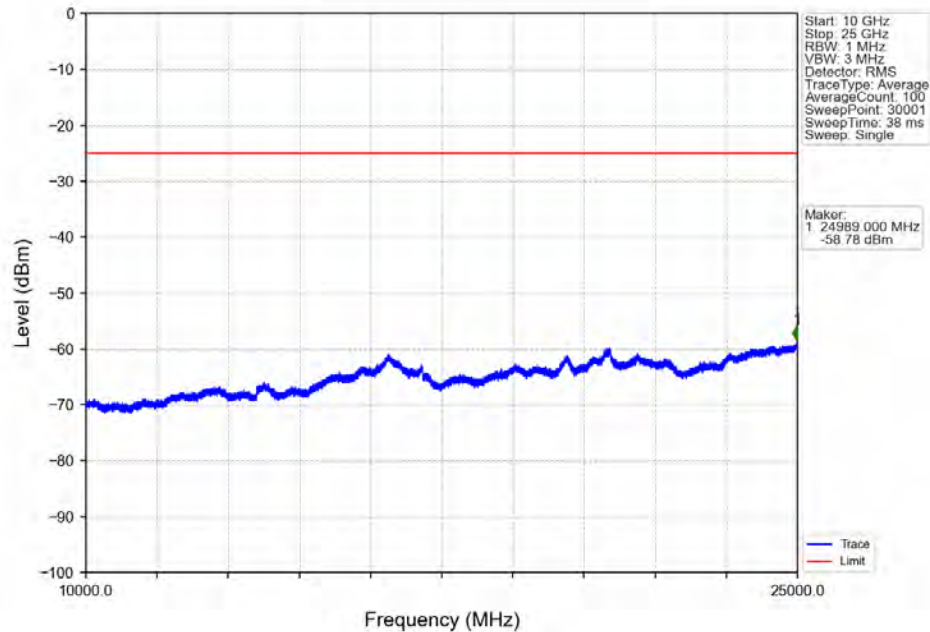
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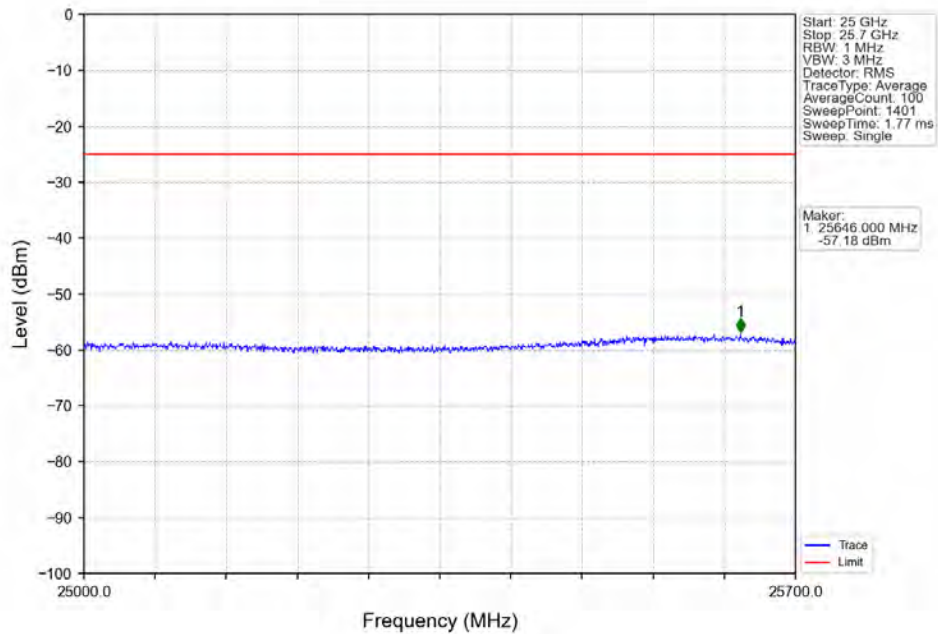
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_0_NTNV



Band7_5MHz_QPSK_HCH_2567.5MHz_RB_1_24_NTNV



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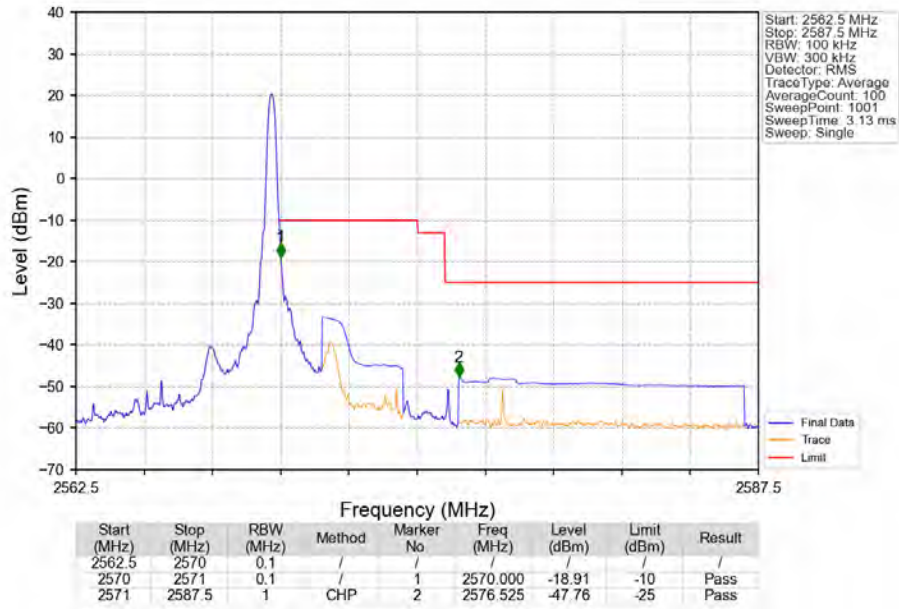
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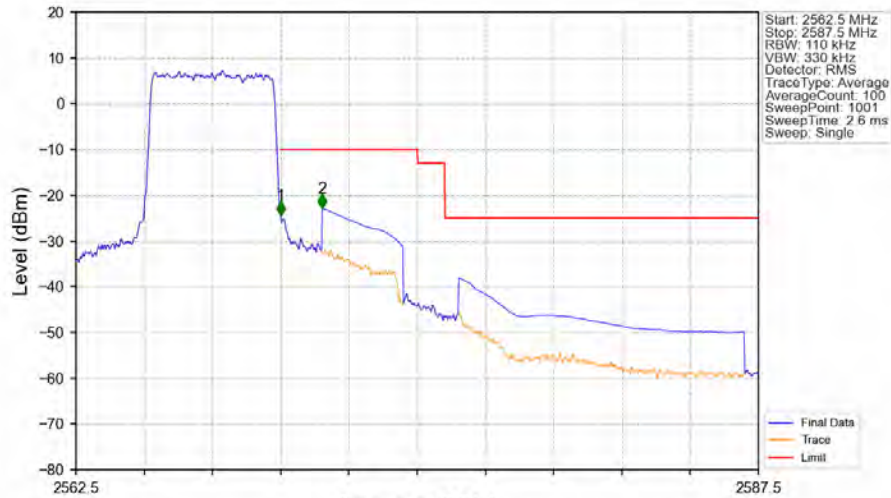
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Band7_5MHz_QPSK_HCH_2567.5MHz_RB_25_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2562.5	2570	0.11	/	1	2570.000	-24.41	-10	Pass
2570	2571	0.11	/	2	2571.525	-22.88	-10	Pass
2571	2587.5	1	CHP					



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6.2 B7_10MHz

6.2.1 Test Result

Band: 7 / Bandwidth: 10MHz / NTNV						
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



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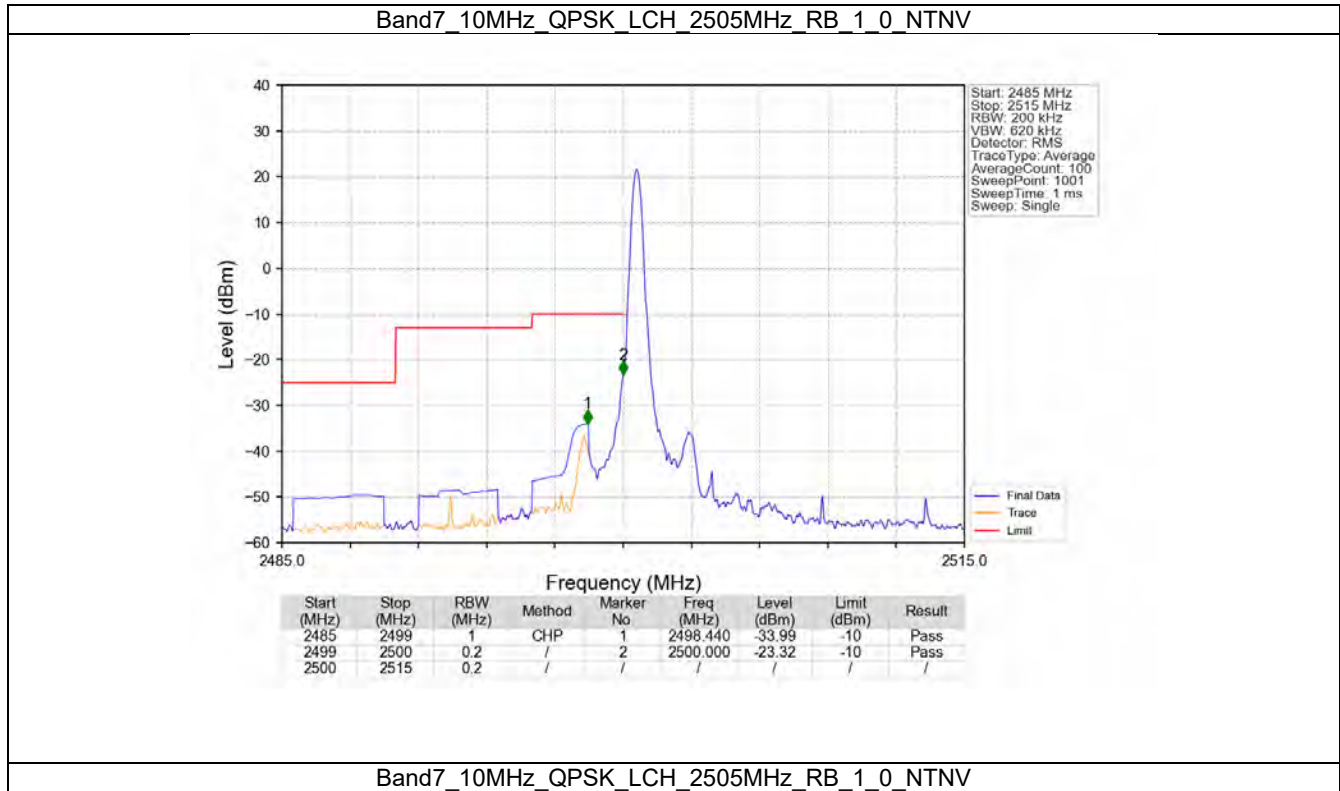
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6.2.2 Test Graph



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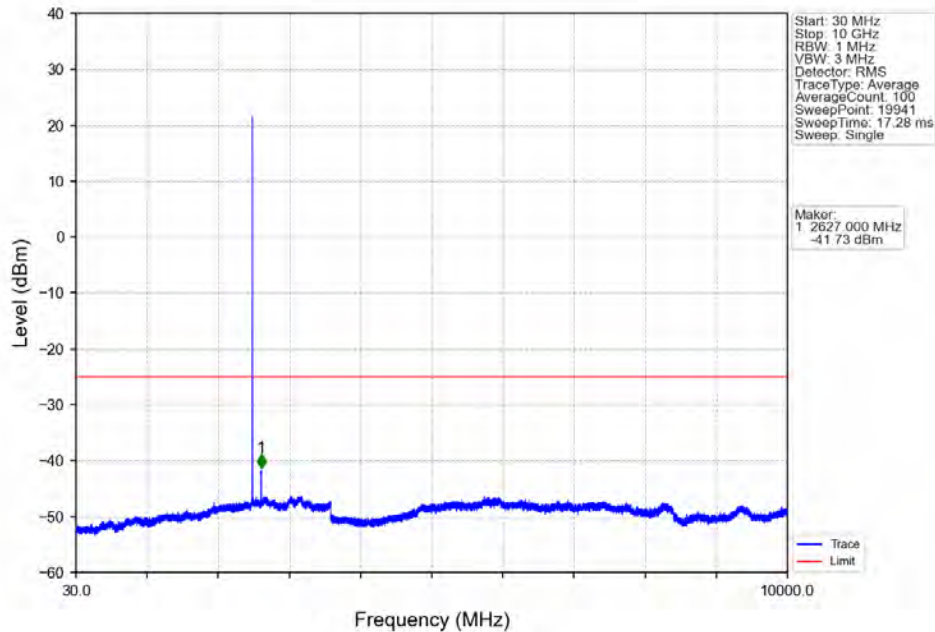
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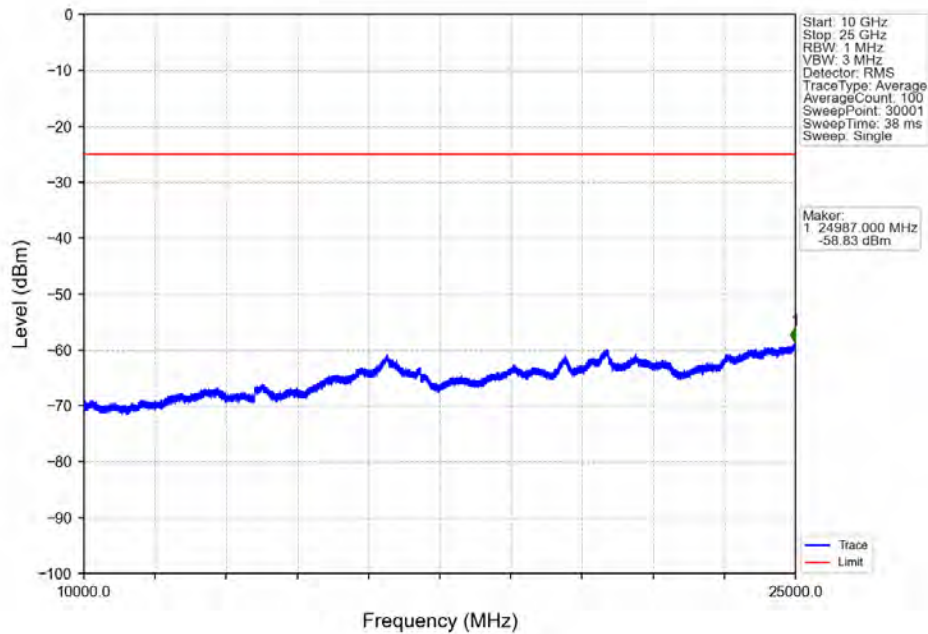
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Band7_10MHz_QPSK_LCH_2505MHz_RB_1_0_NTNV



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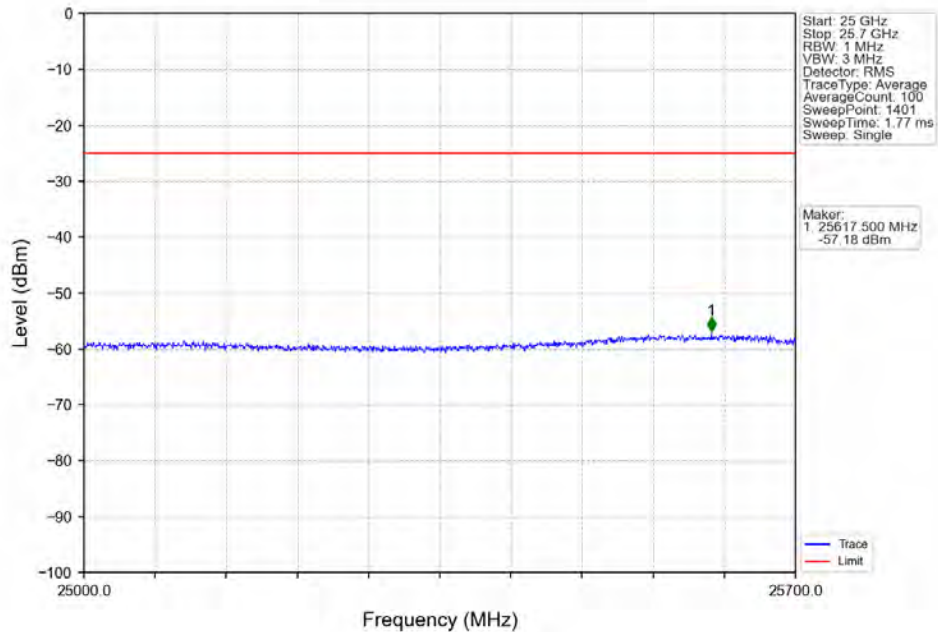
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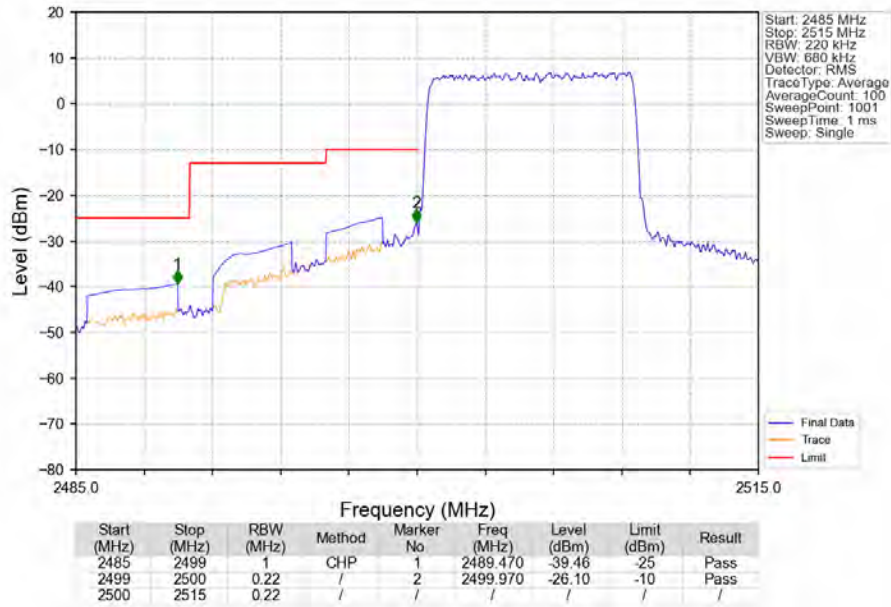
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Band7 10MHz QPSK LCH 2505MHz RB 50 0 NTNV



Band7 10MHz QPSK MCH 2535MHz RB 1 0 NTNV



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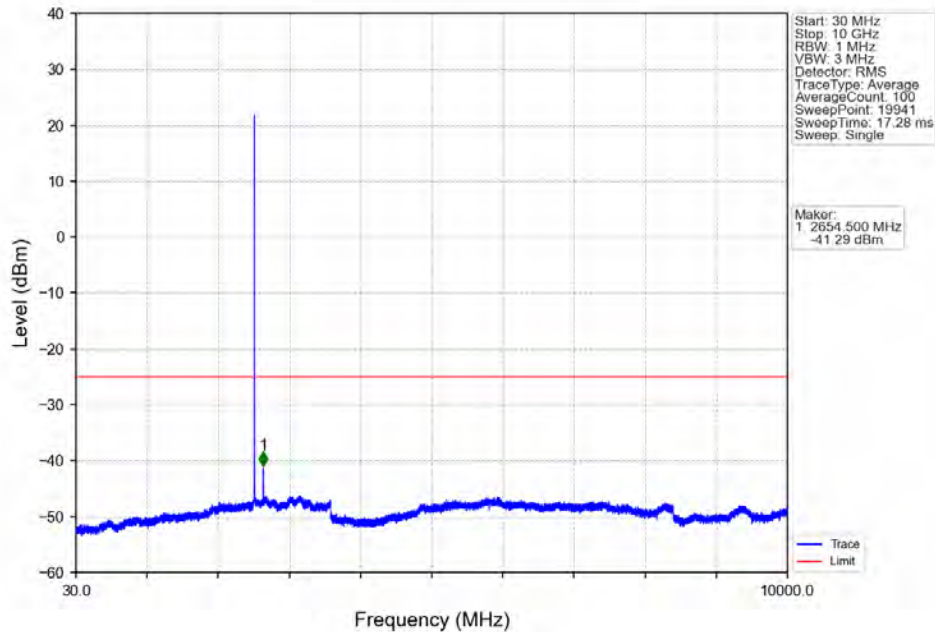
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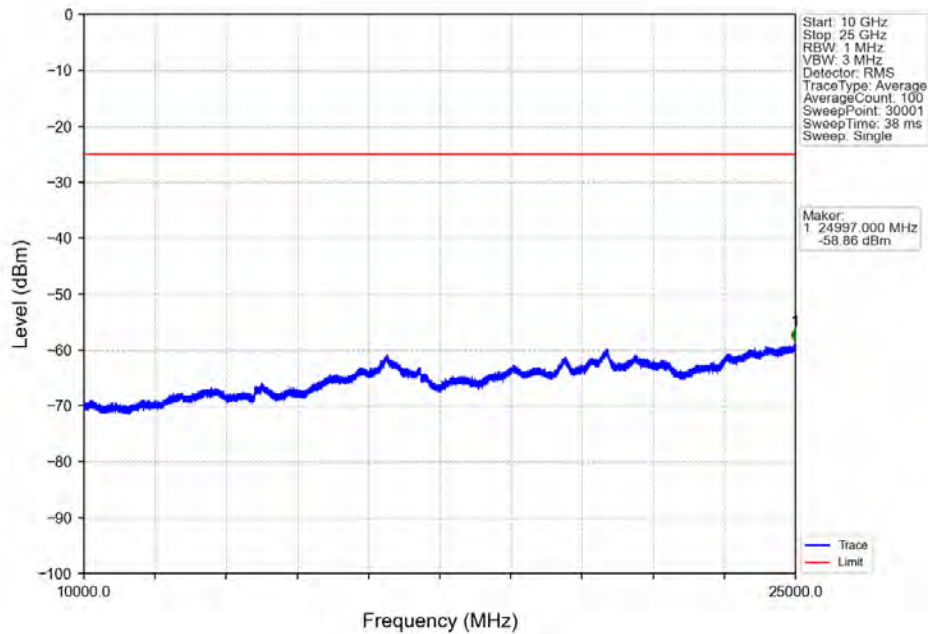
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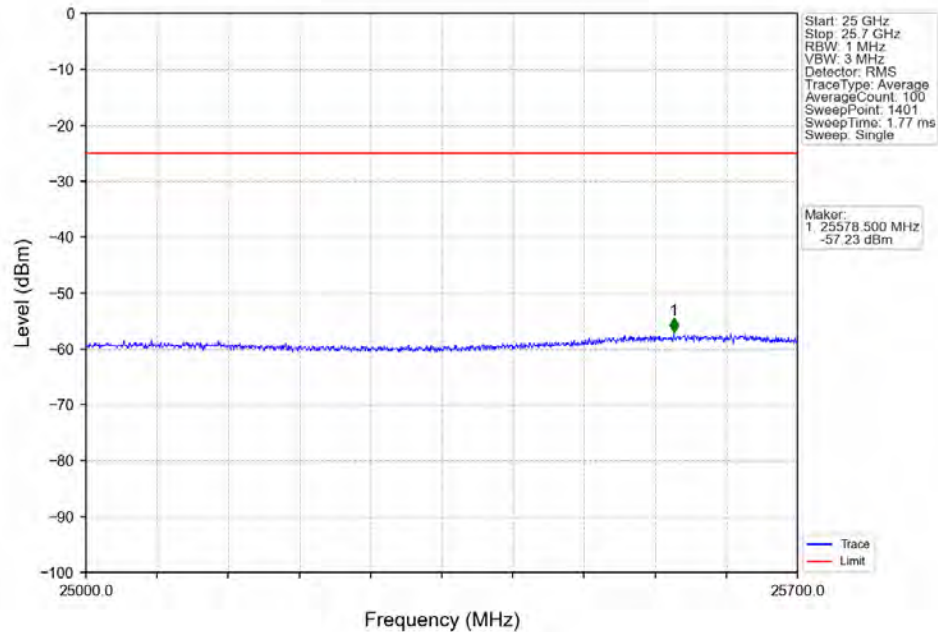
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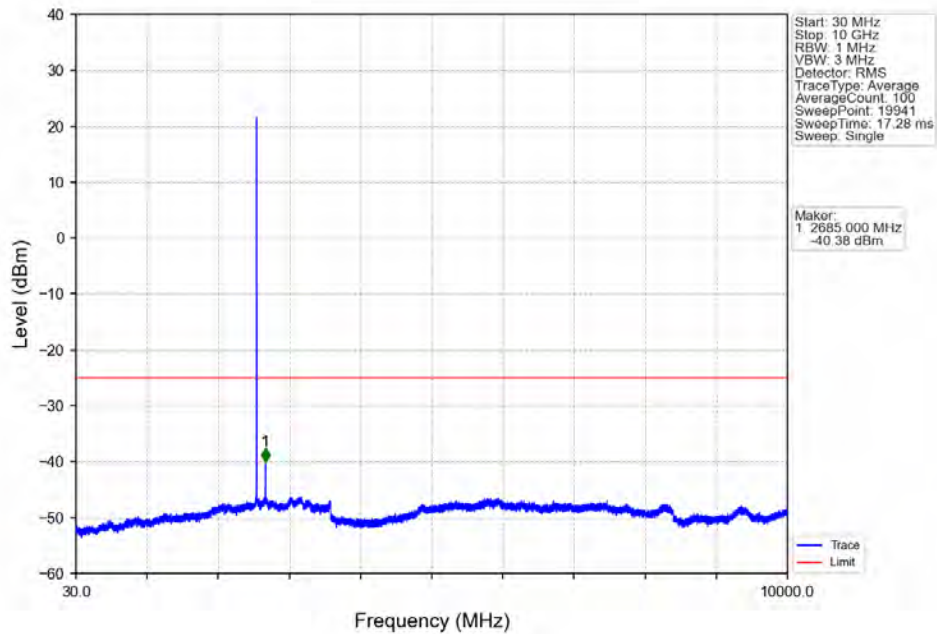
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Band7_10MHz_QPSK_HCH_2565MHz_RB_1_0_NTNV



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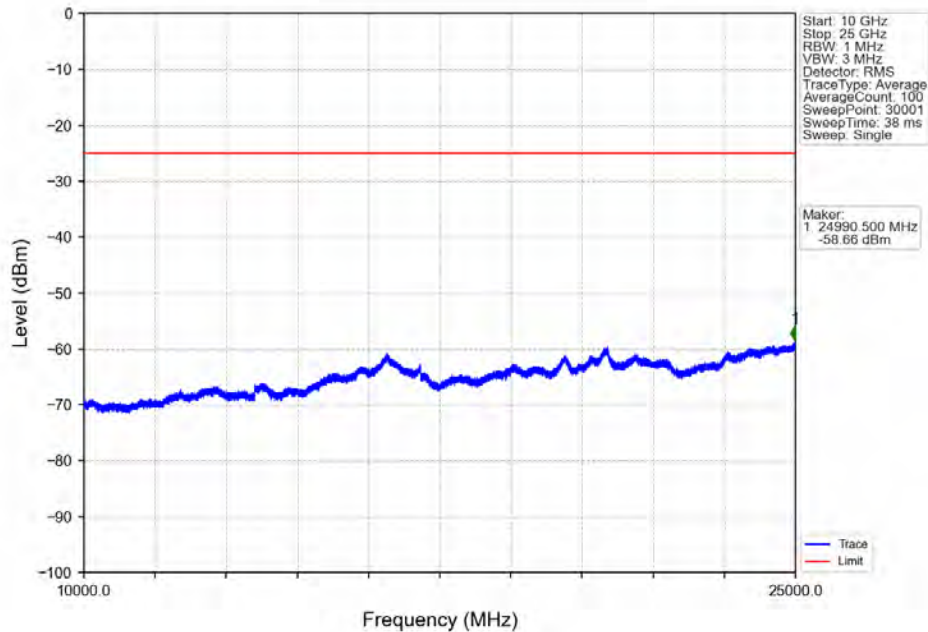
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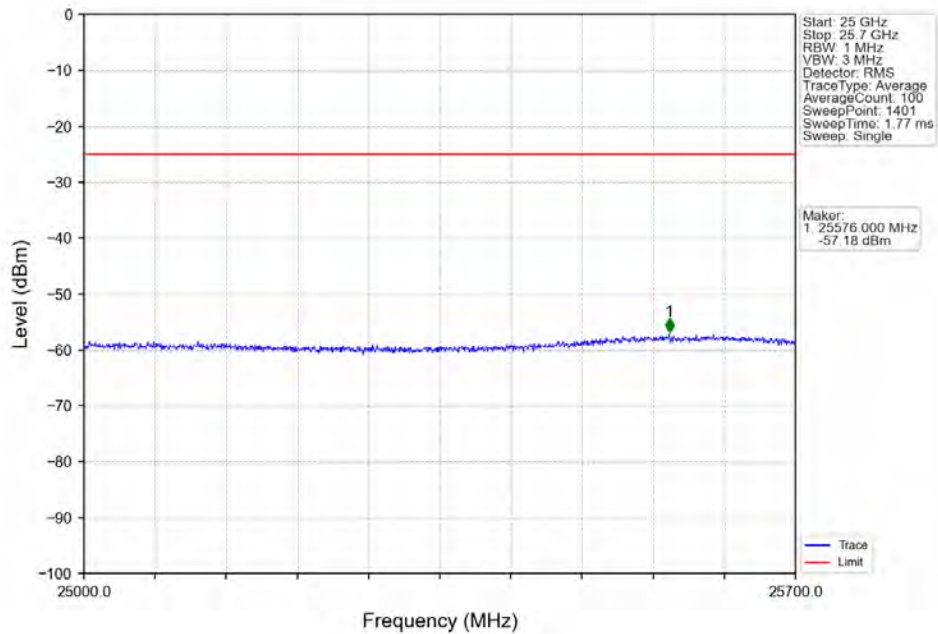
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Band7_10MHz_QPSK_HCH_2565MHz_RB_1_49_NTNV



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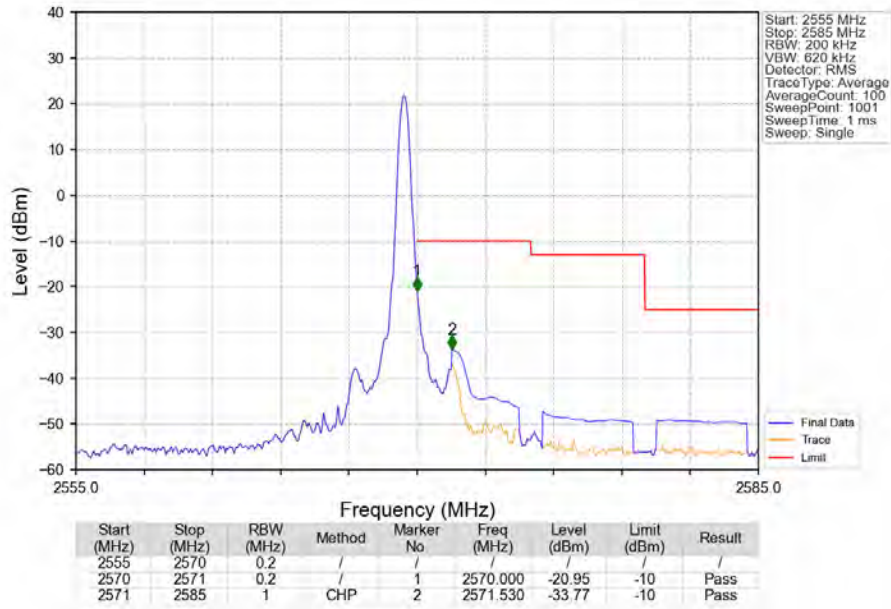
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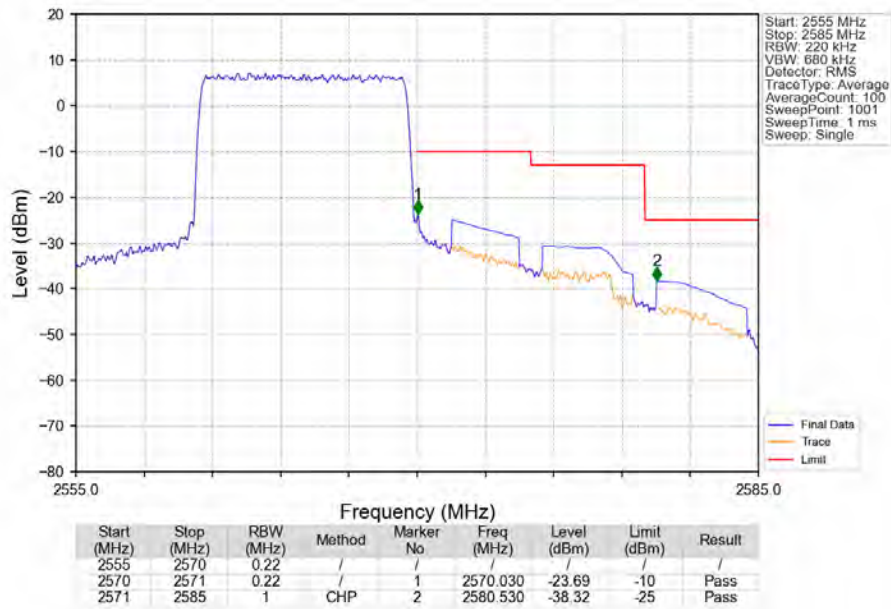
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6.3 B7_15MHz

6.3.1 Test Result

Band: 7 / Bandwidth: 15MHz / NTNV						
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



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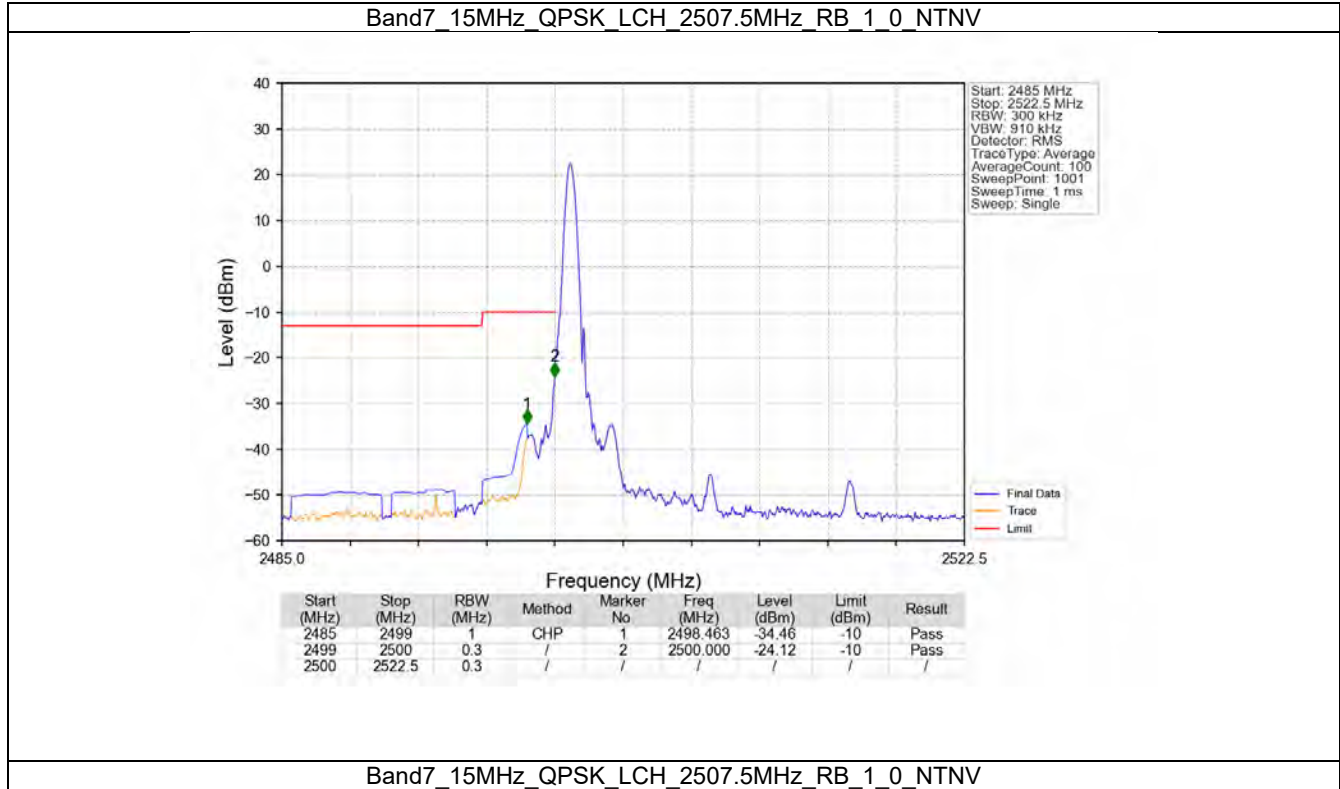
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6.3.2 Test Graph



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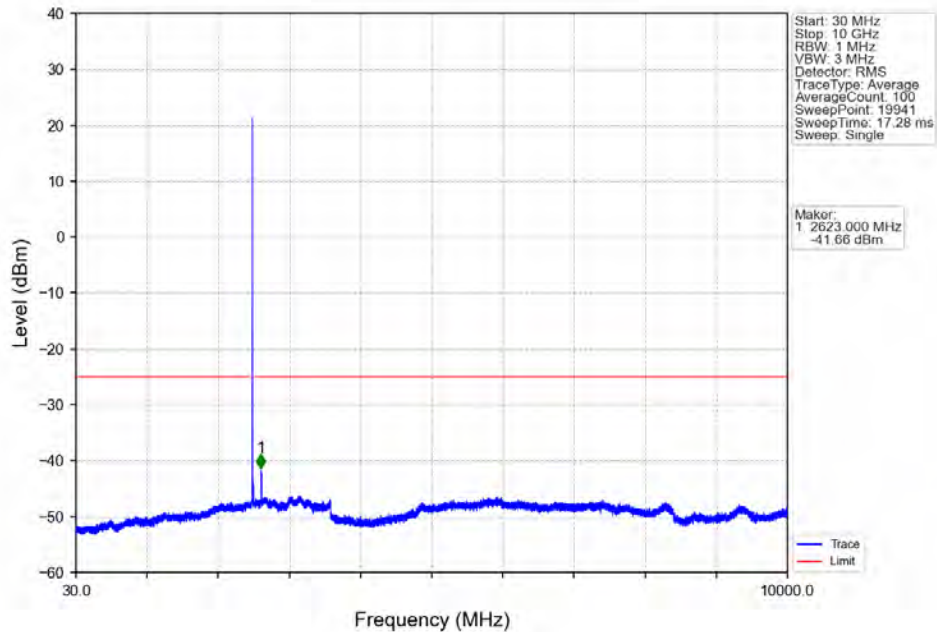
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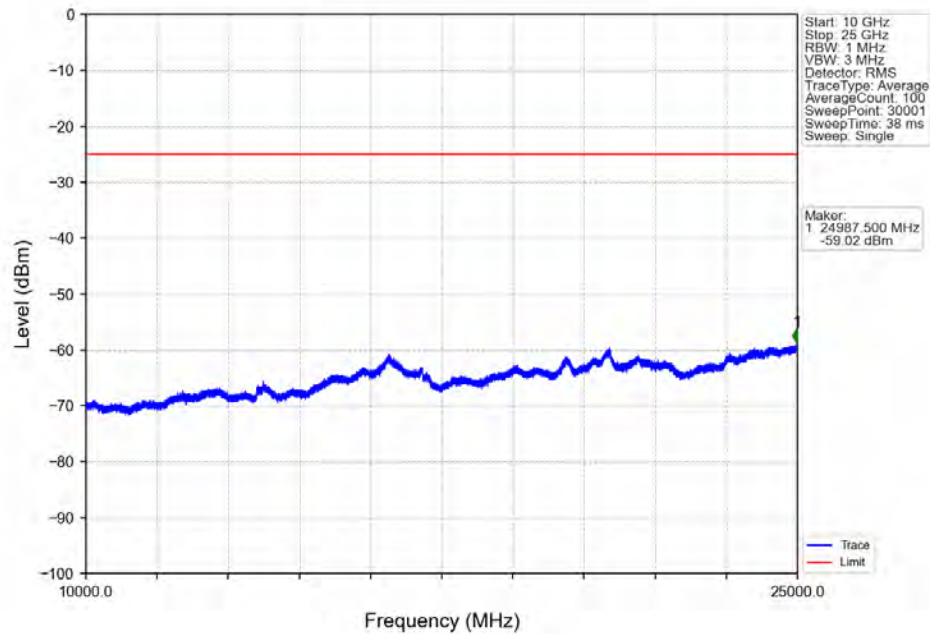
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Band7 15MHz QPSK LCH 2507.5MHz RB 1 0 NTNV



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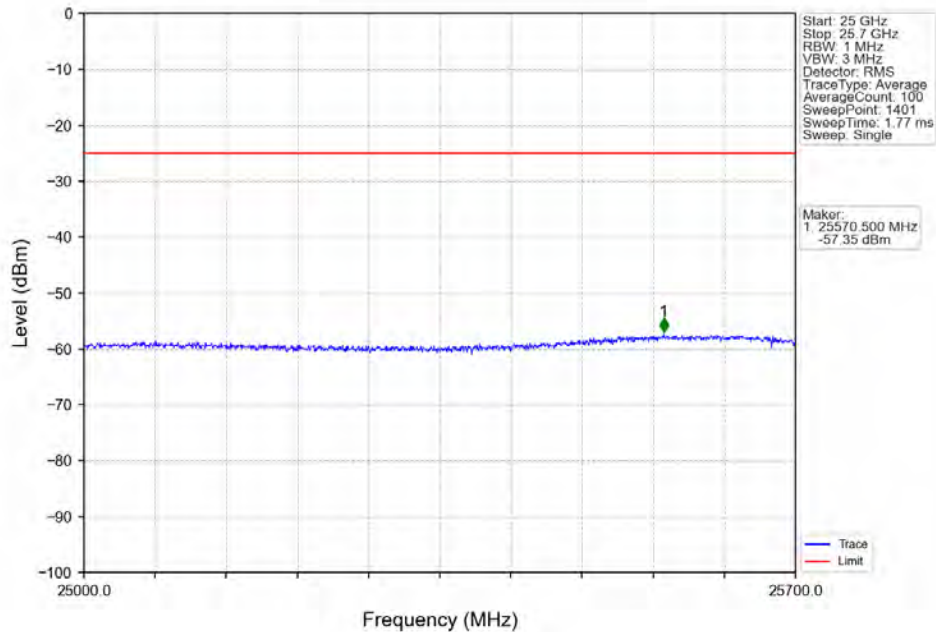
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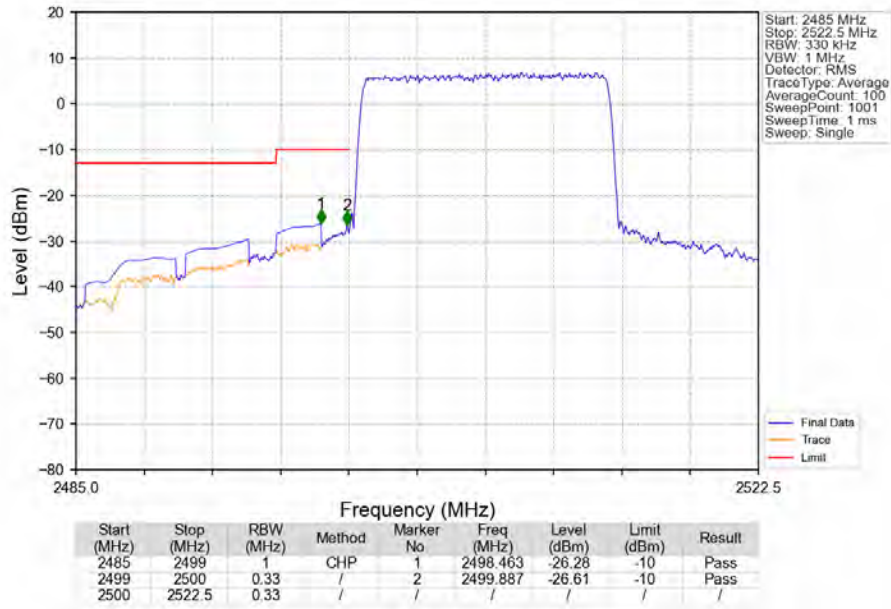
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Band7_15MHz_QPSK_LCH_2507.5MHz_RB_75_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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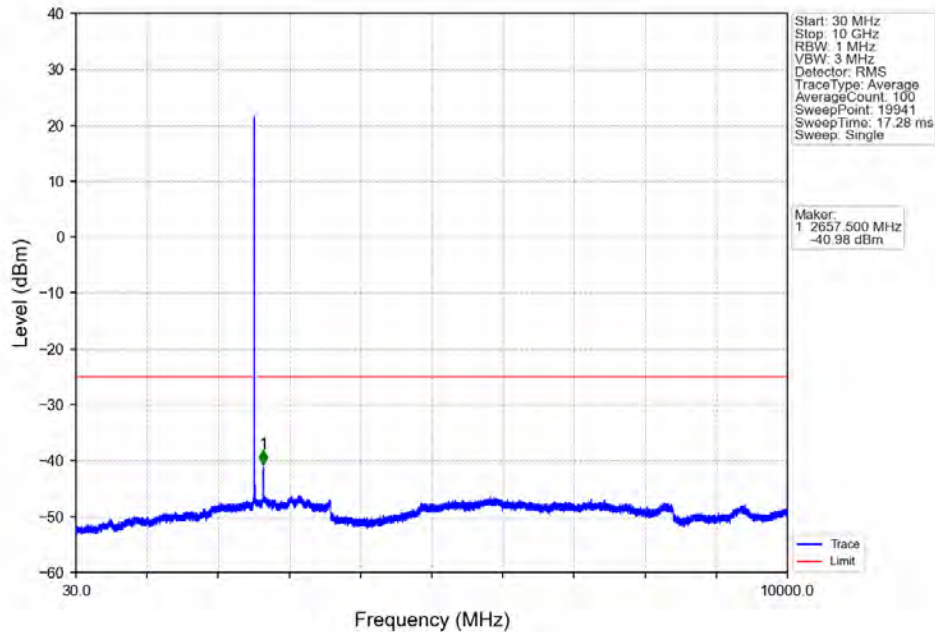
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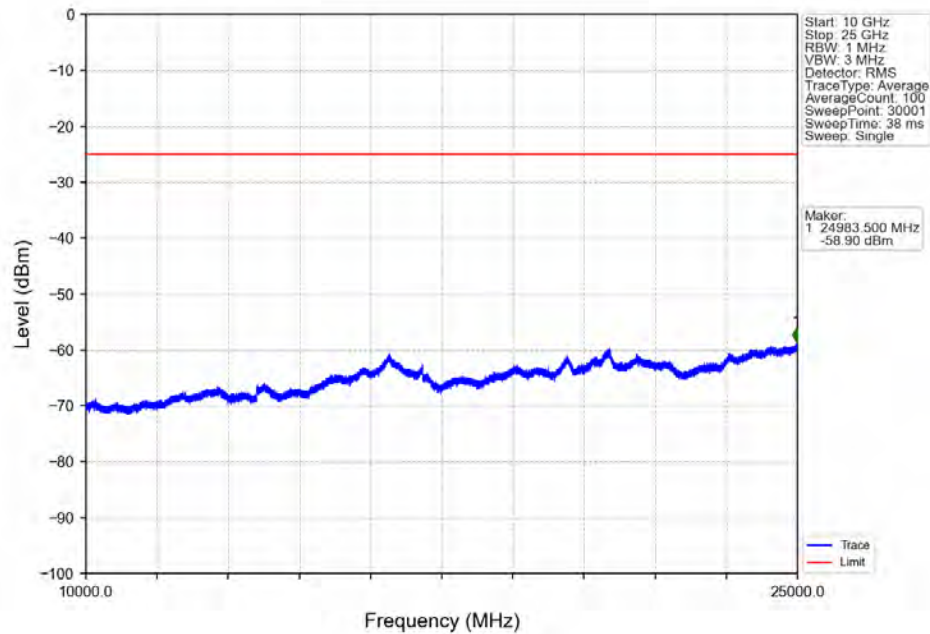
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Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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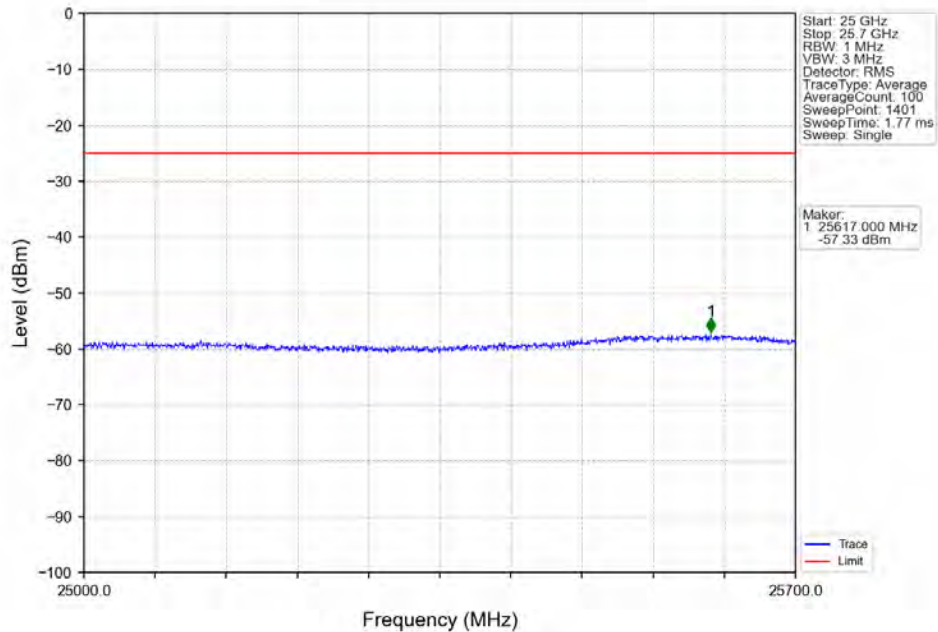
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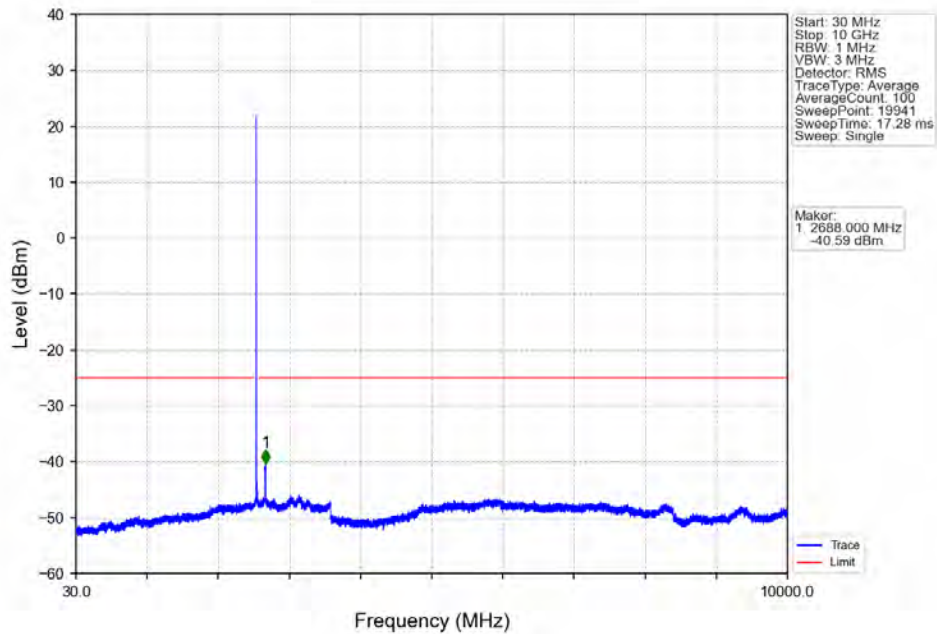
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



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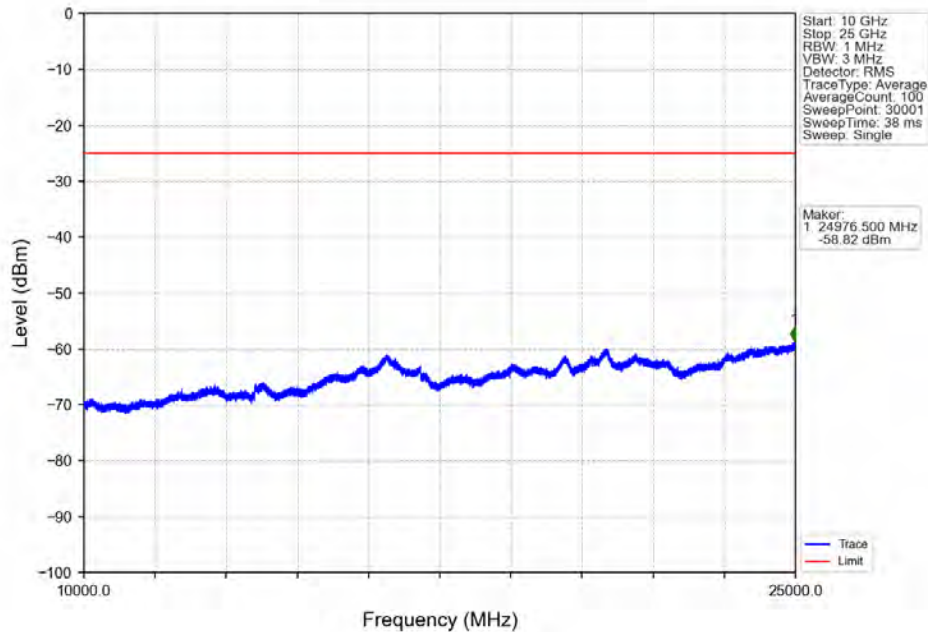
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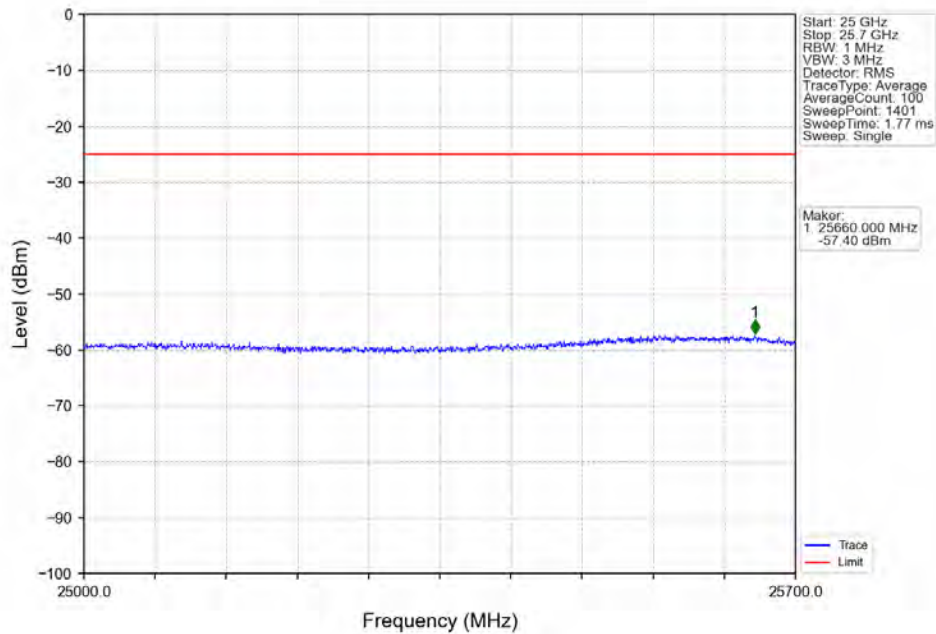
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_0_NTNV



Band7_15MHz_QPSK_HCH_2562.5MHz_RB_1_74_NTNV



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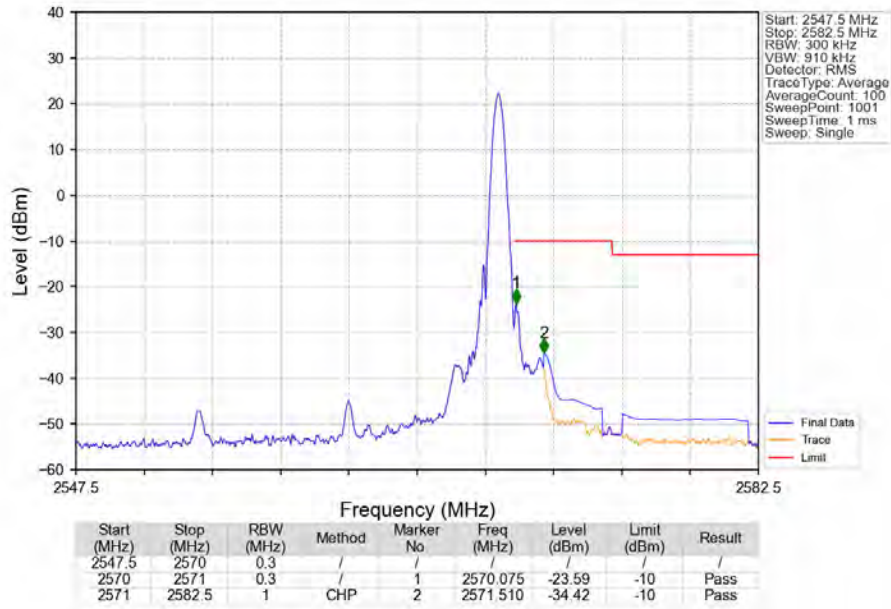
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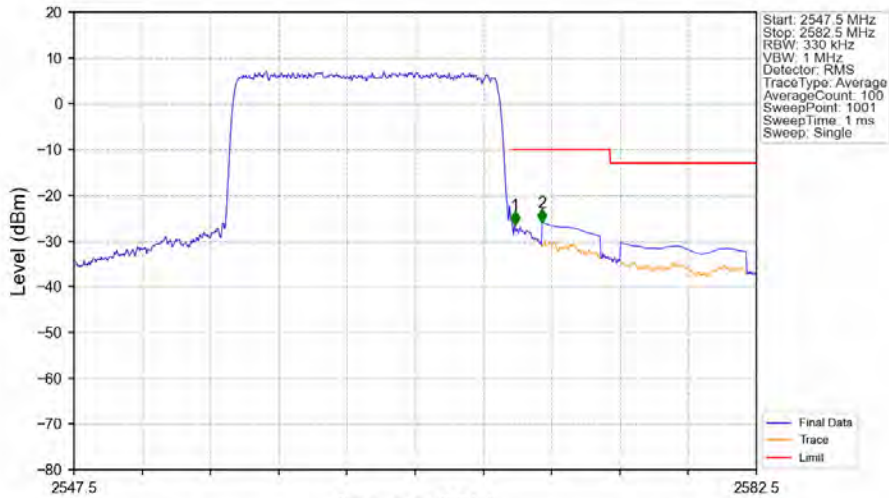
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Band7_15MHz_QPSK_HCH_2562.5MHz_RB_75_0_NTNV



Start (MHz)	Stop (MHz)	RBW (MHz)	Method	Marker No.	Freq (MHz)	Level (dBm)	Limit (dBm)	Result
2547.5	2570	0.33	/	/	/	/	/	/
2570	2571	0.33	/	1	2570.110	-26.62	-10	Pass
2571	2582.5	1	CHP	2	2571.510	-26.01	-10	Pass



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6.4 B7_20MHz

6.4.1 Test Result

Band: 7 / Bandwidth: 20MHz / NTNV						
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



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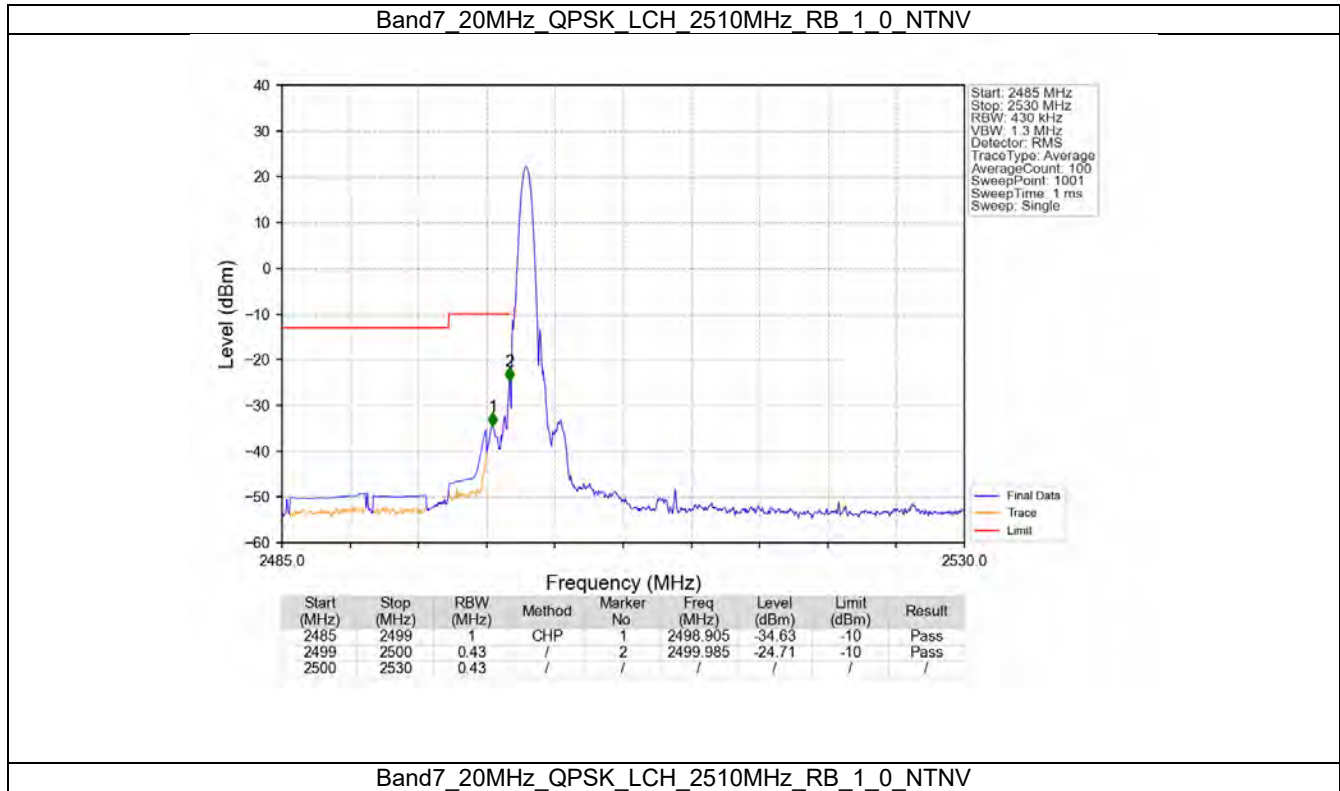
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6.4.2 Test Graph



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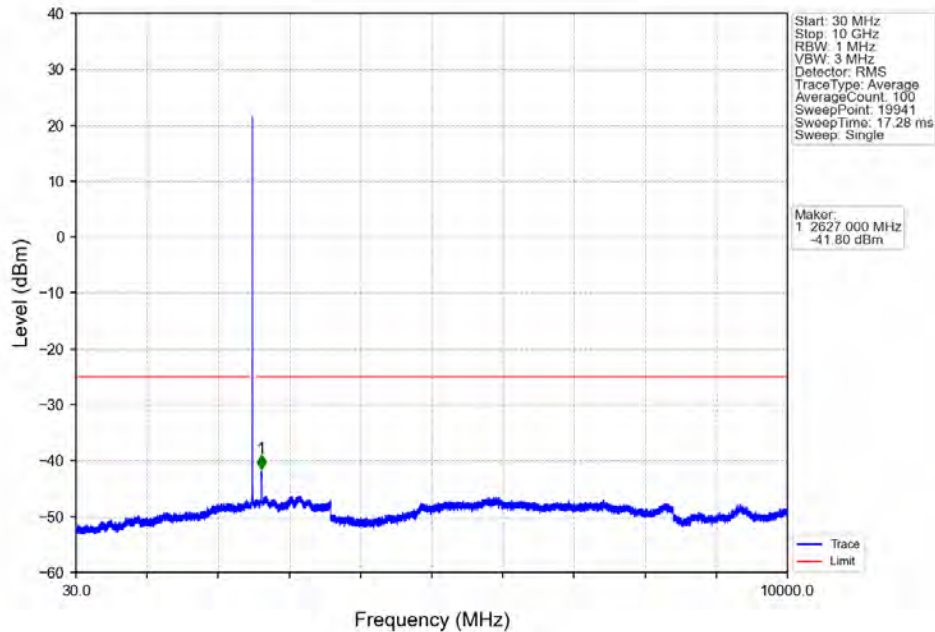
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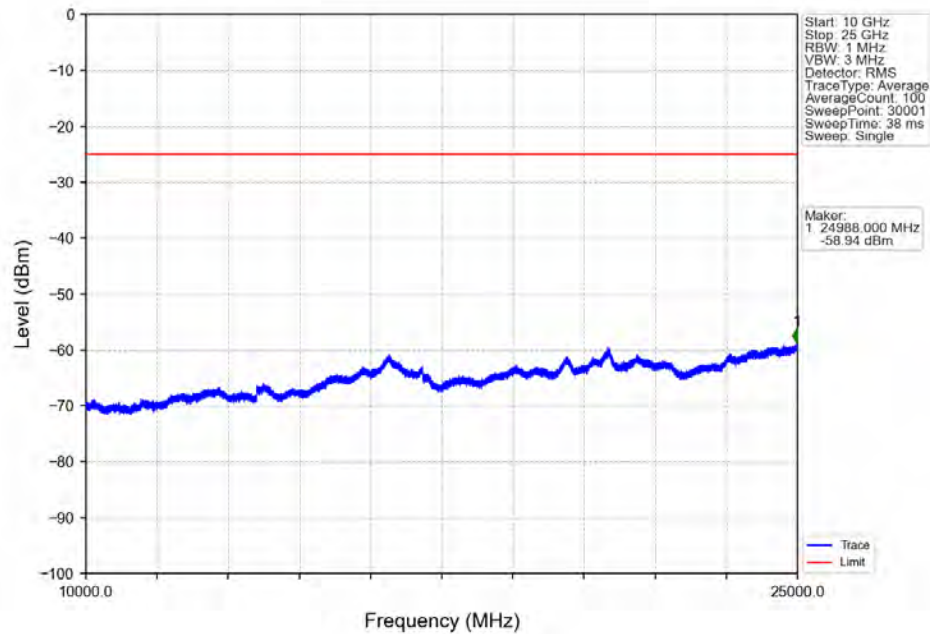
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Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



Band7_20MHz_QPSK_LCH_2510MHz_RB_1_0_NTNV



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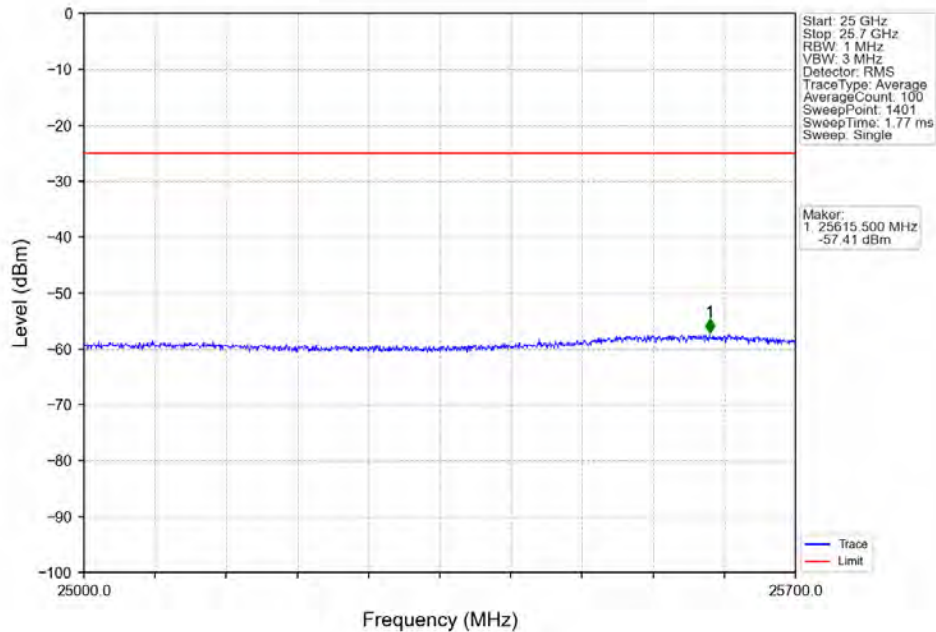
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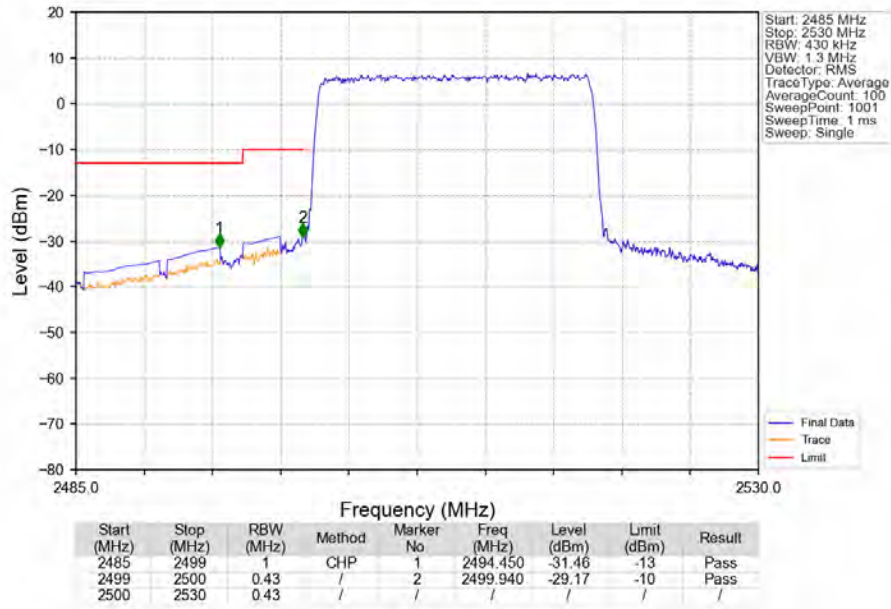
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Band7_20MHz_QPSK_MCH_2535MHz_RB_1_0_NTNV



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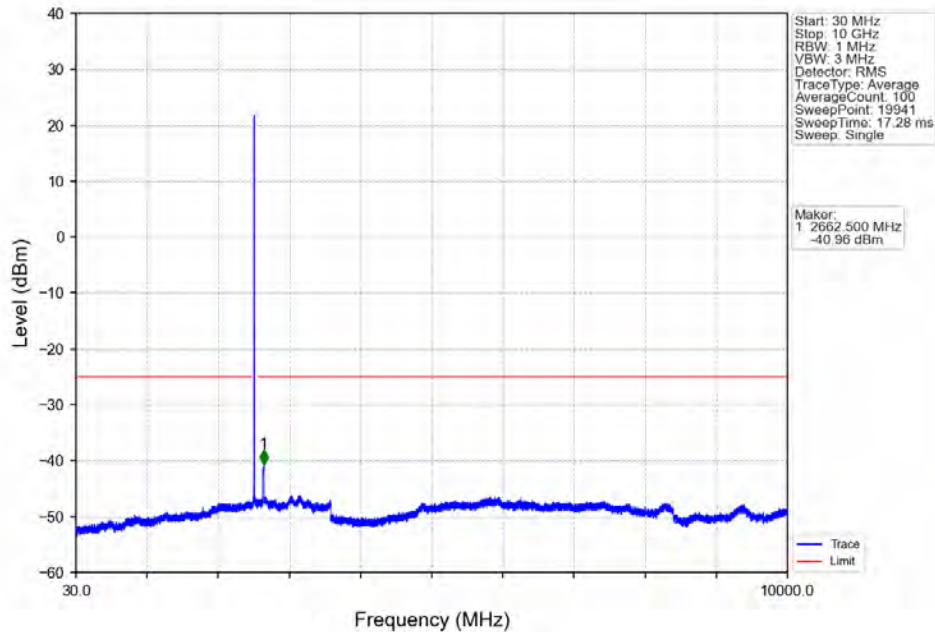
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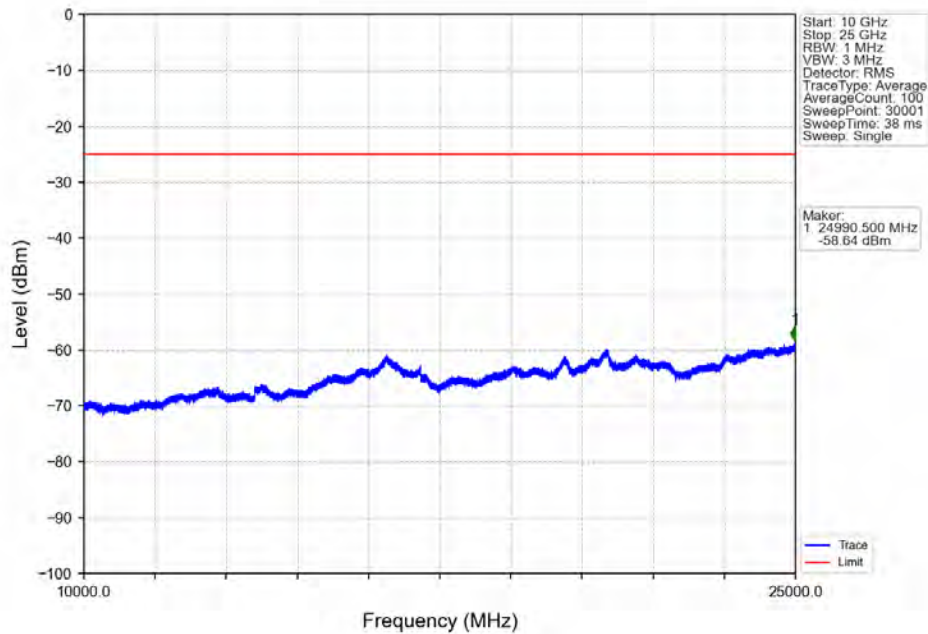
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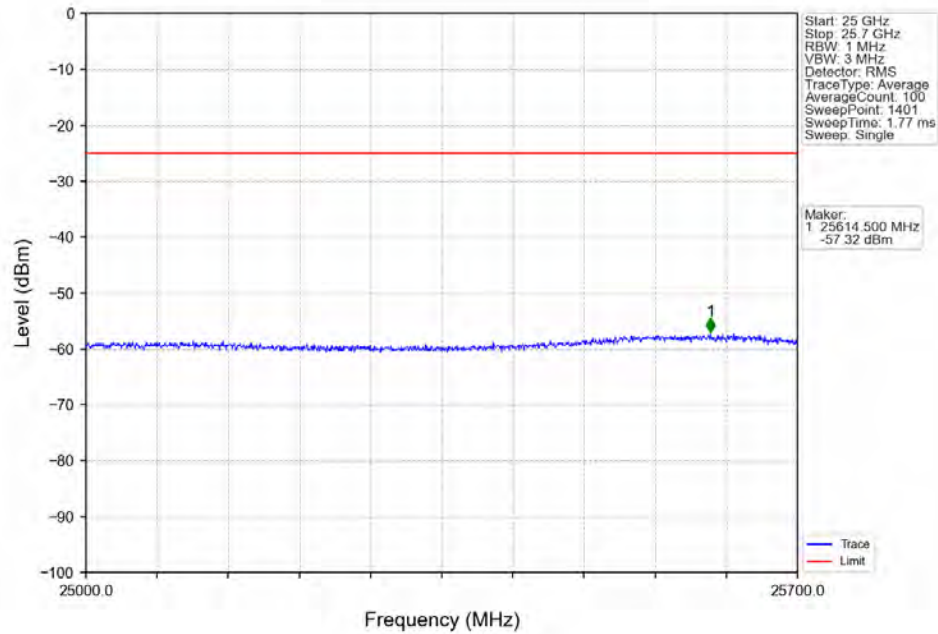
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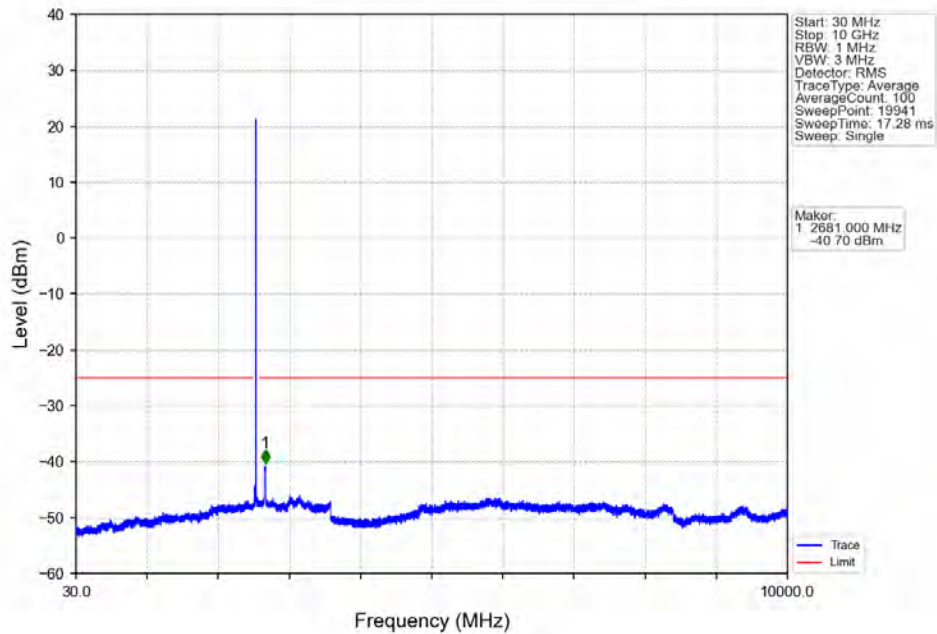
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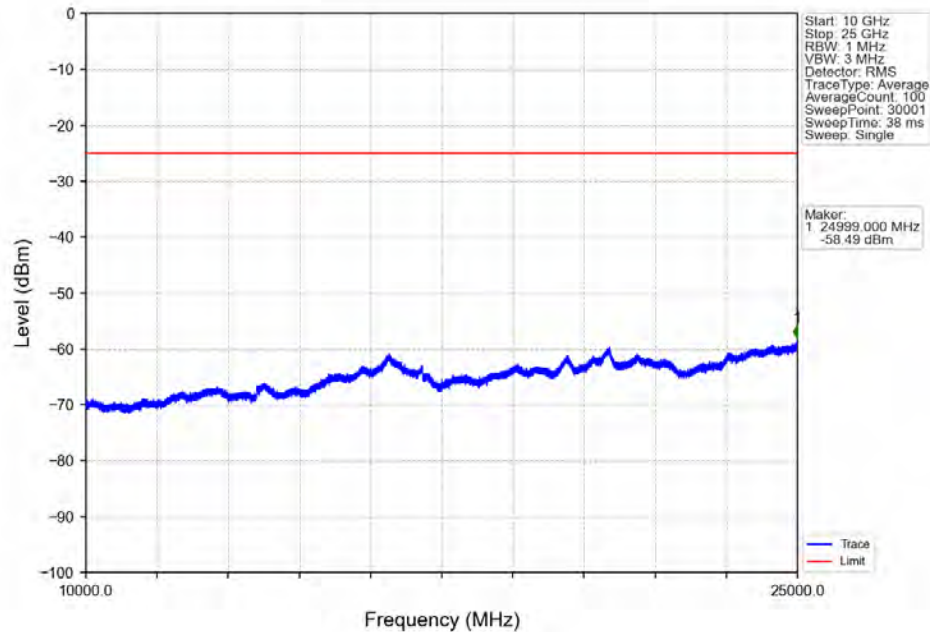
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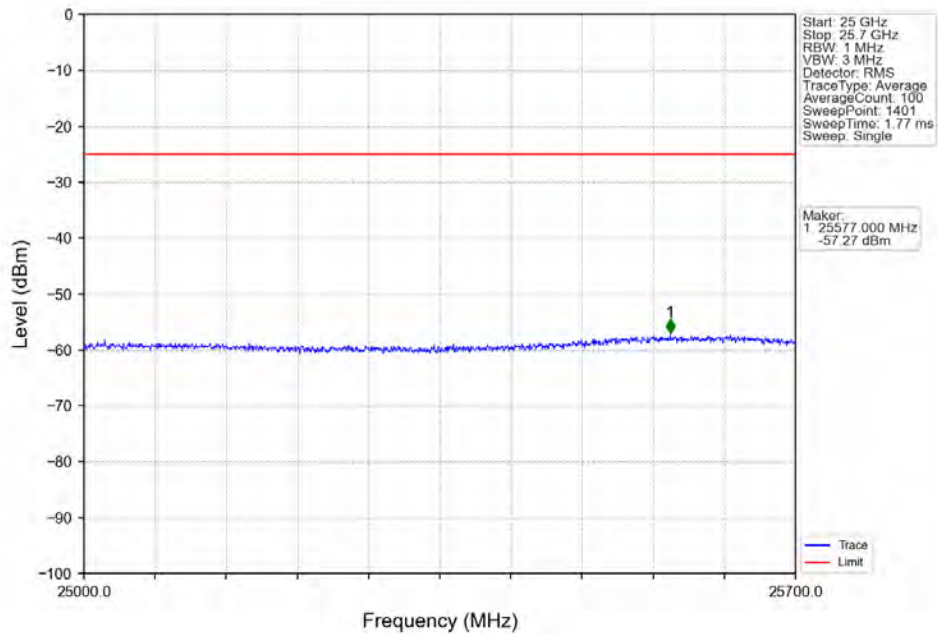
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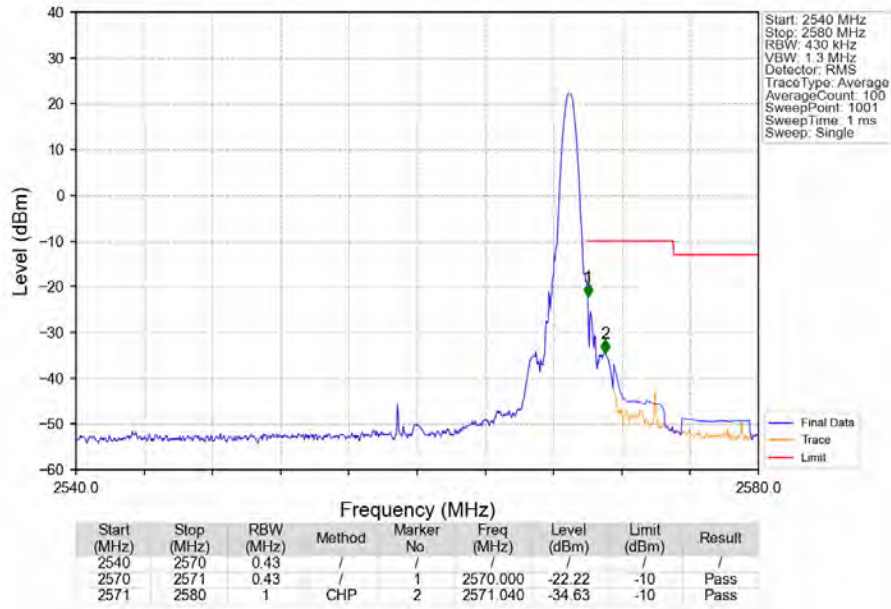
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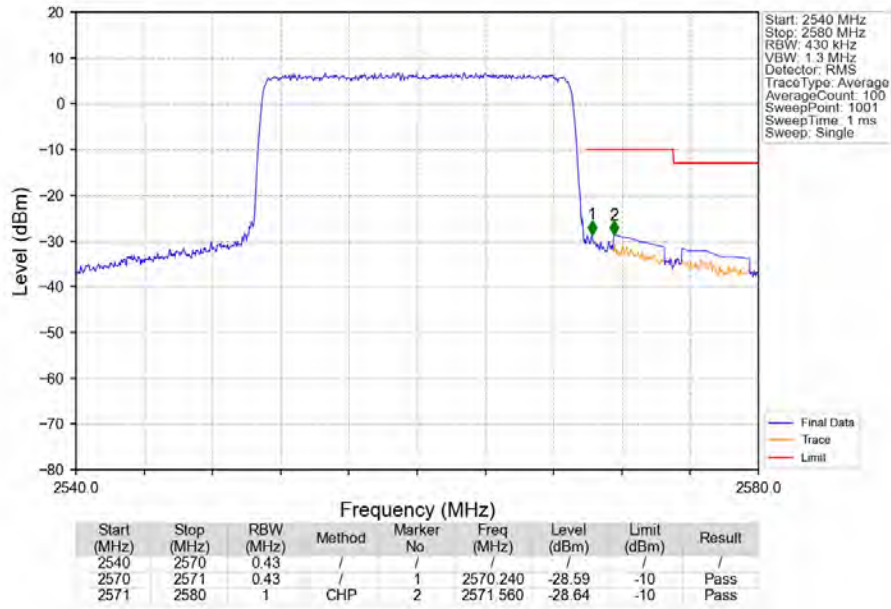
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Band7_20MHz_QPSK_HCH_2560MHz_RB_100_0_NTNV



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