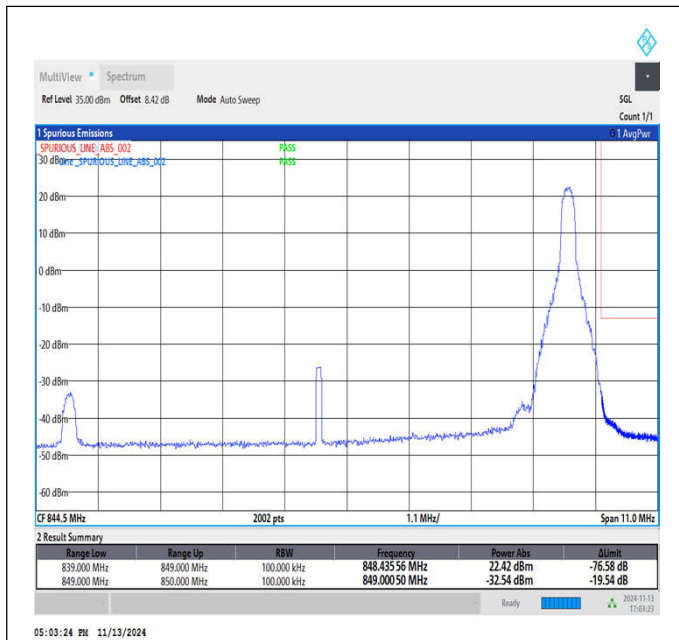
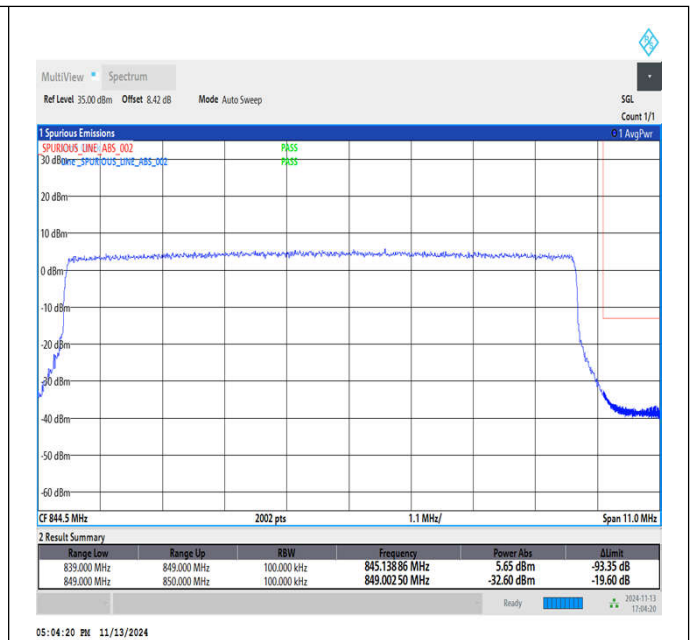
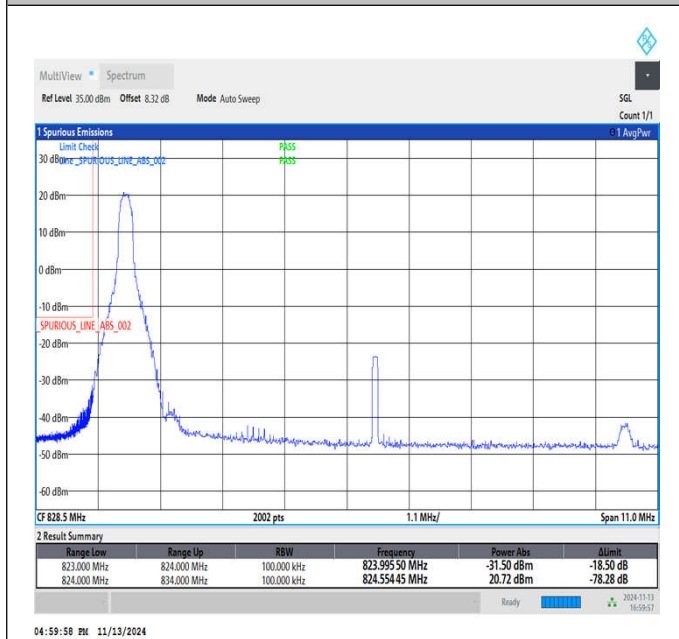




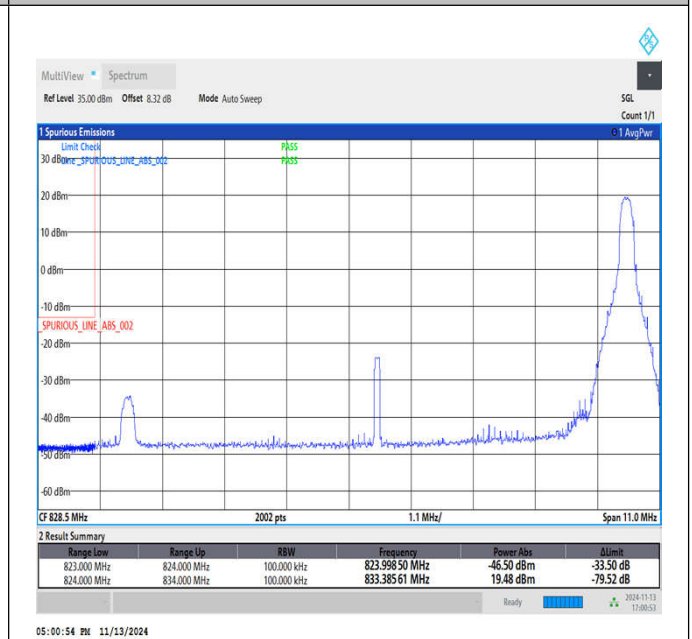
Band5_10MHz_QPSK_20600_1RB#49



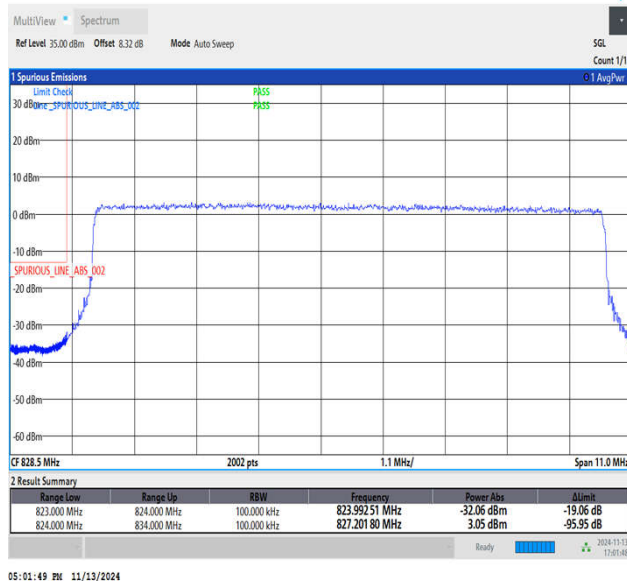
Band5_10MHz_QPSK_20600_50RB#0



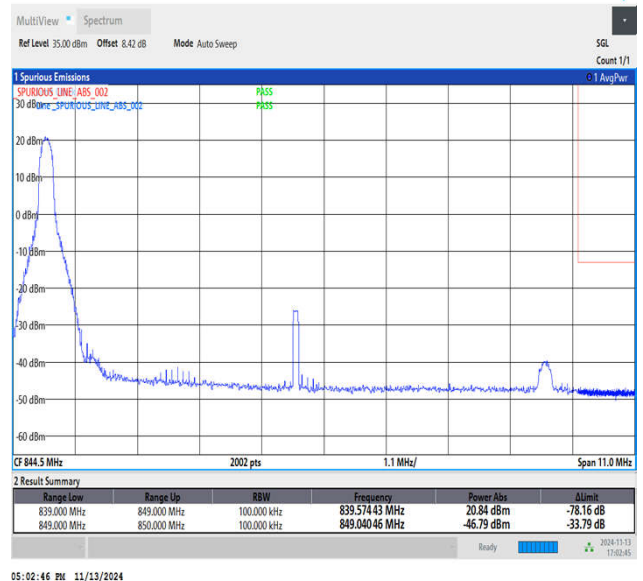
Band5_10MHz_16QAM_20450_1RB#0



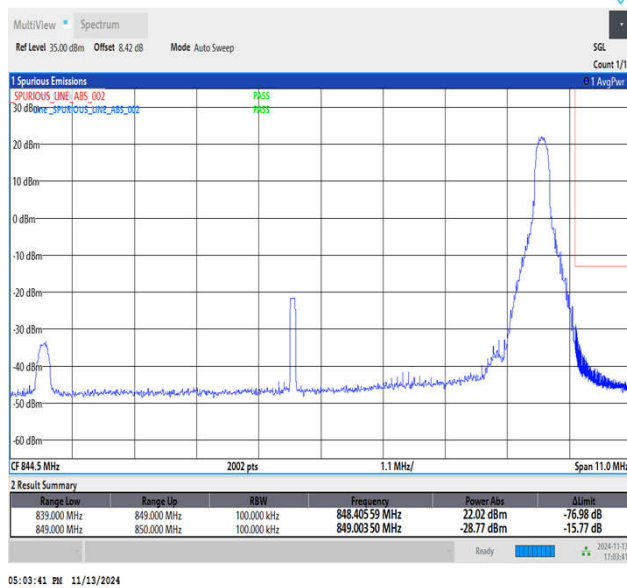
Band5_10MHz_16QAM_20450_1RB#49



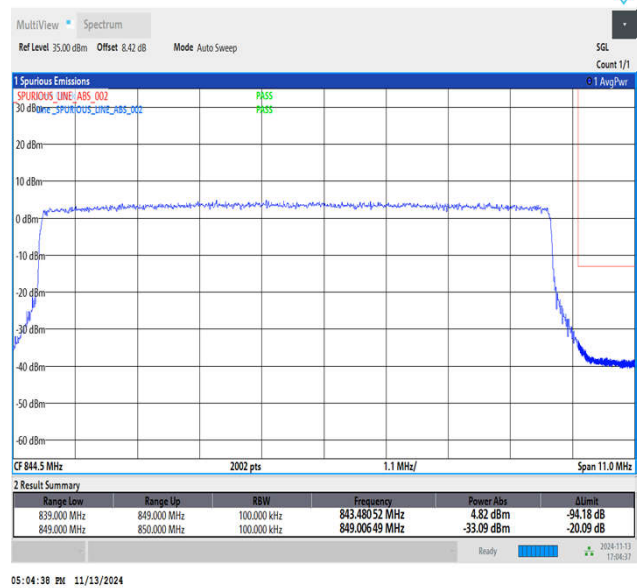
Band5_10MHz_16QAM_20450_50RB#0



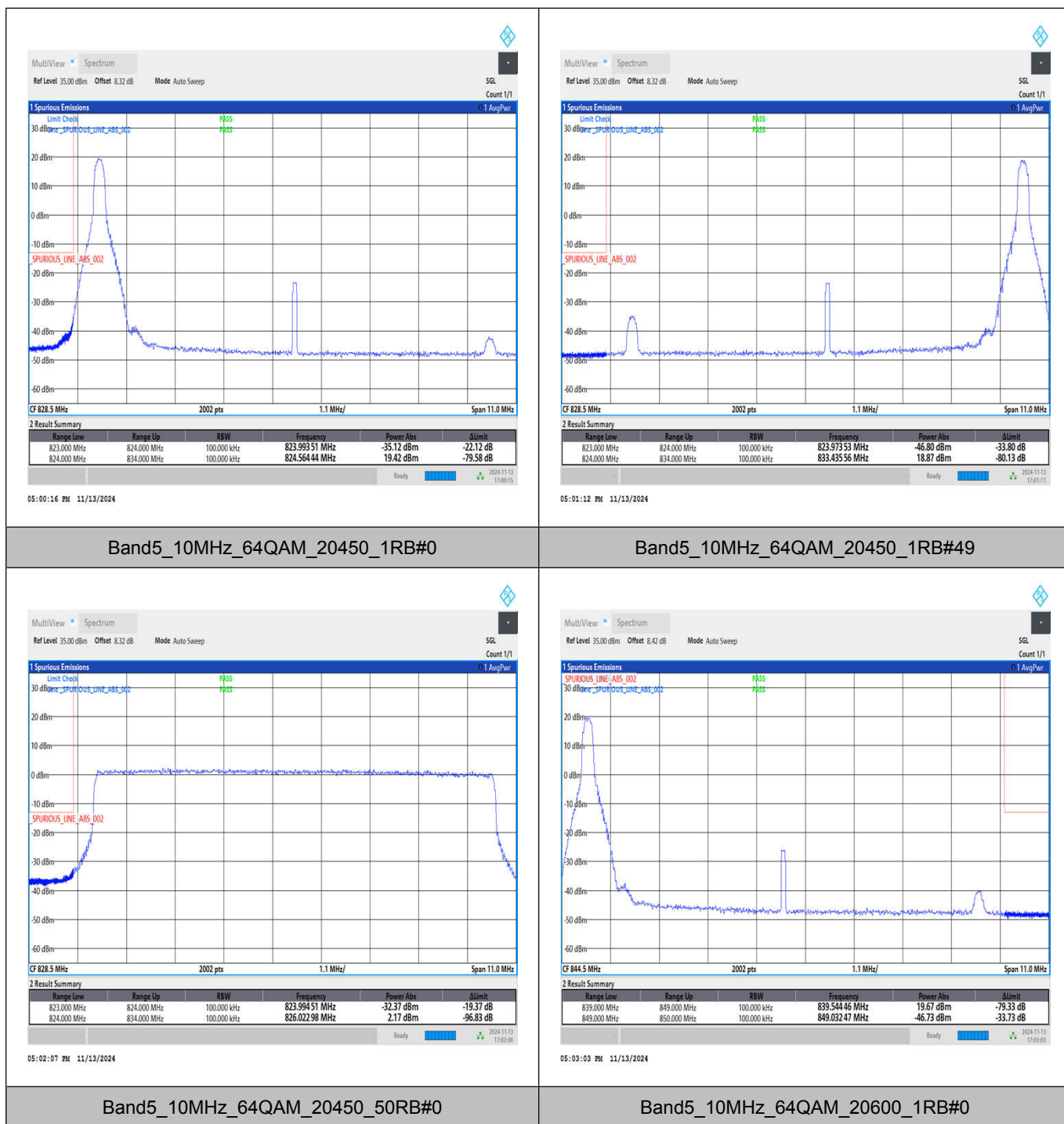
Band5_10MHz_16QAM_20600_1RB#0

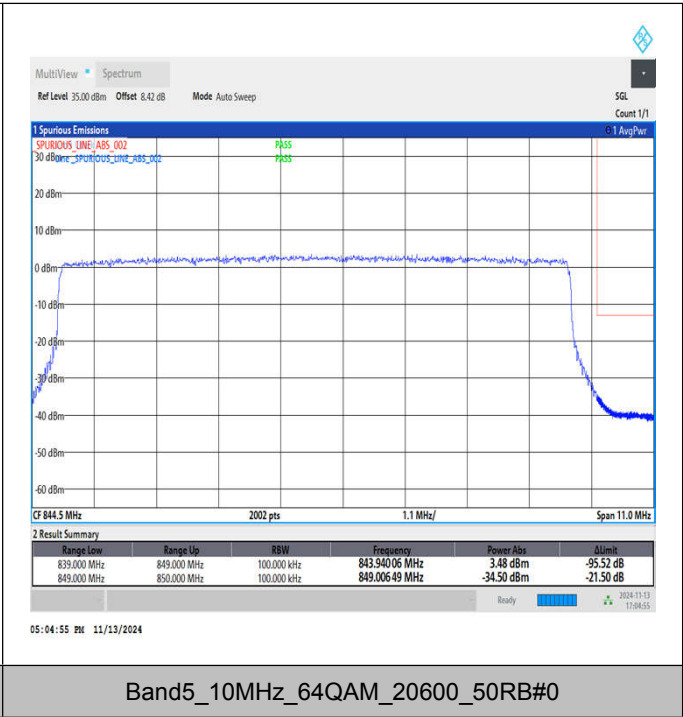
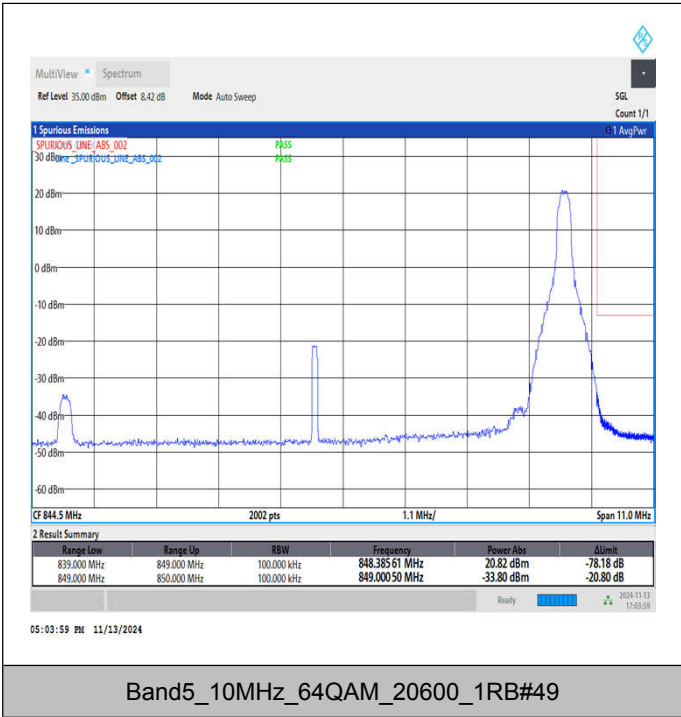


Band5_10MHz_16QAM_20600_1RB#49



Band5_10MHz_16QAM_20600_50RB#0





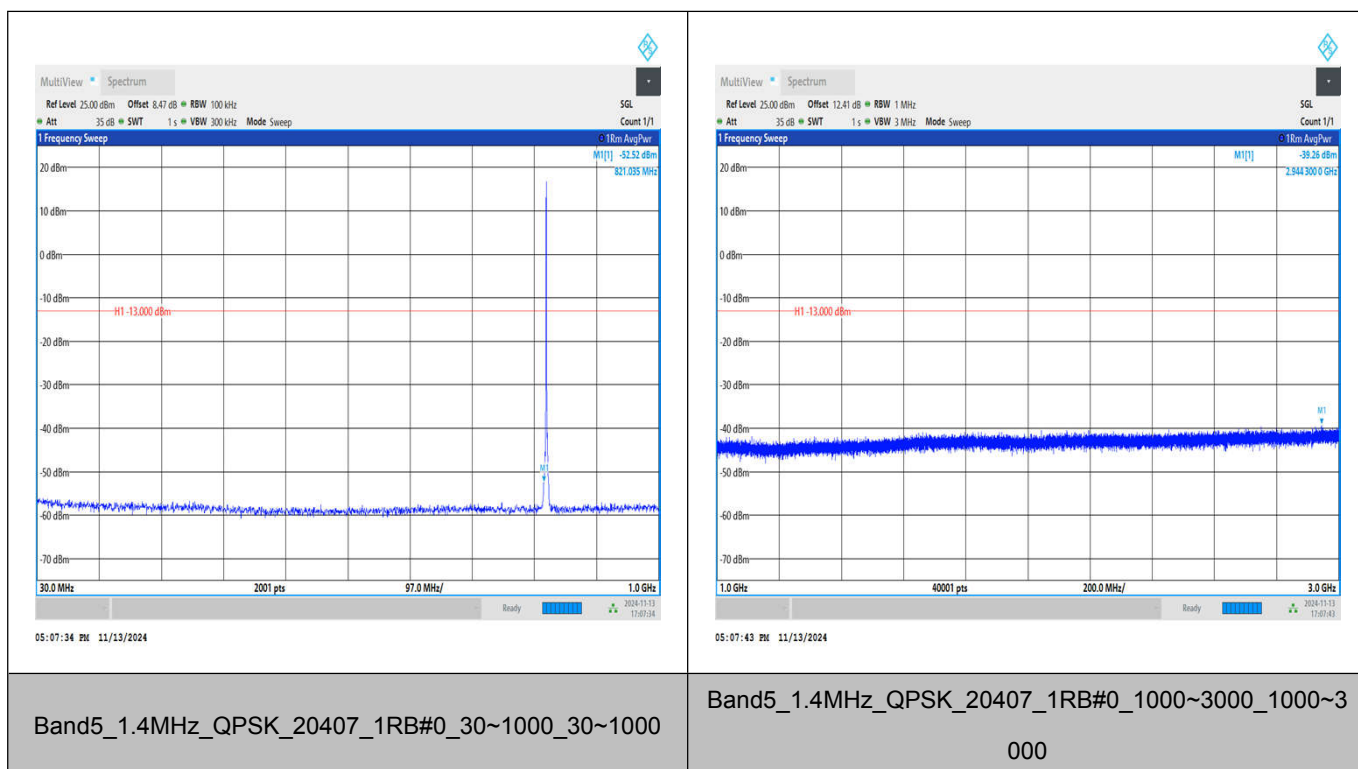
1.5 Conducted Spurious Emission

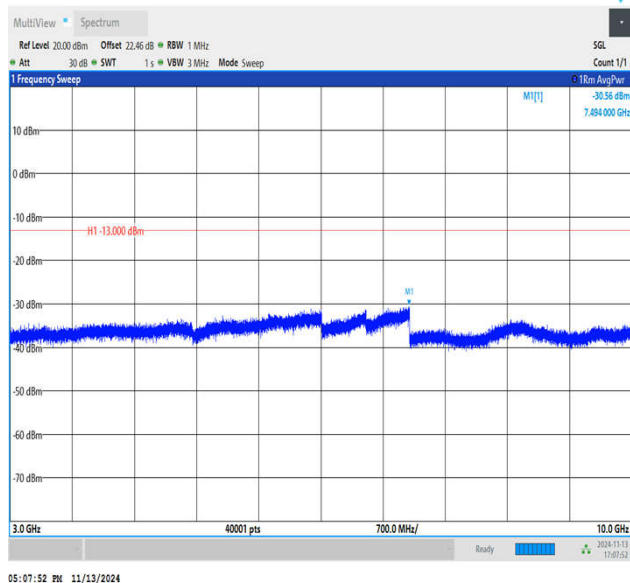
1.5.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-52.52	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-39.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-30.56	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-53.38	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-39.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-30.87	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-51.56	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-39.55	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-30.39	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-55.98	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-39.56	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-30.57	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-55.69	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-39.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-30.67	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-56.13	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-39.69	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-30.68	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-55.86	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-39.56	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-30.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-55.76	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-39.46	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-30.60	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-55.47	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-39.68	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-30.19	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-55.67	PASS

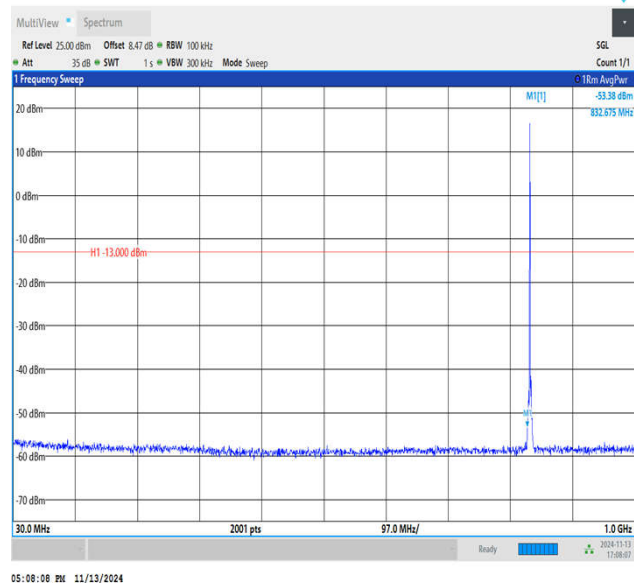
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-39.32	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-30.46	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-55.71	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-39.68	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-30.30	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-55.92	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-39.71	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-30.65	PASS

1.5.2 Test Graphs

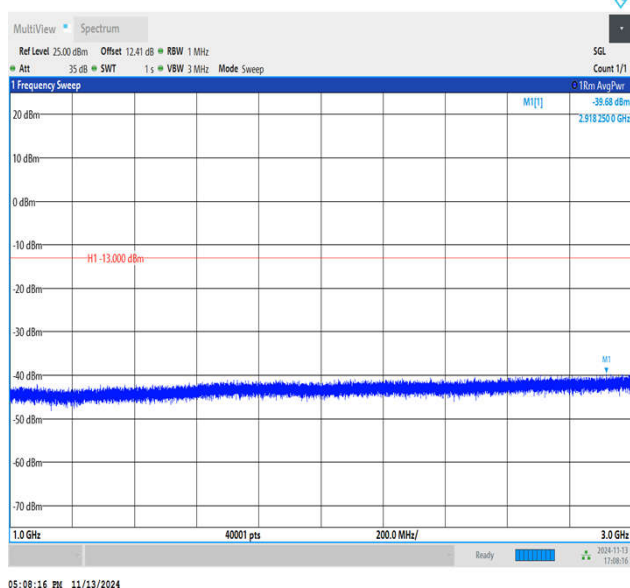




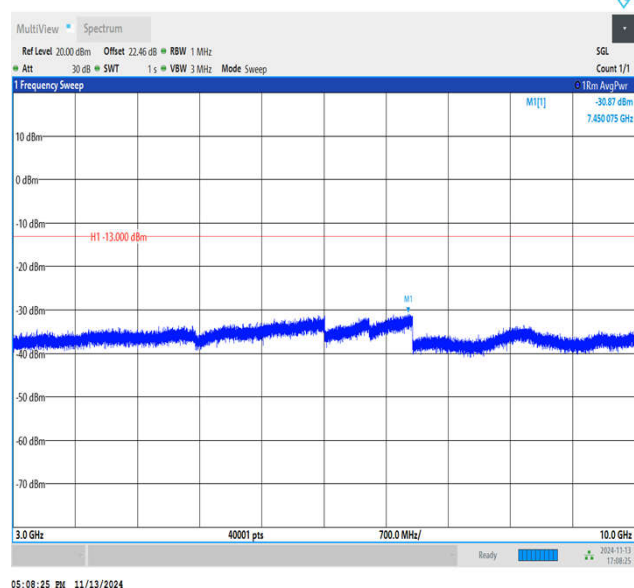
Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000



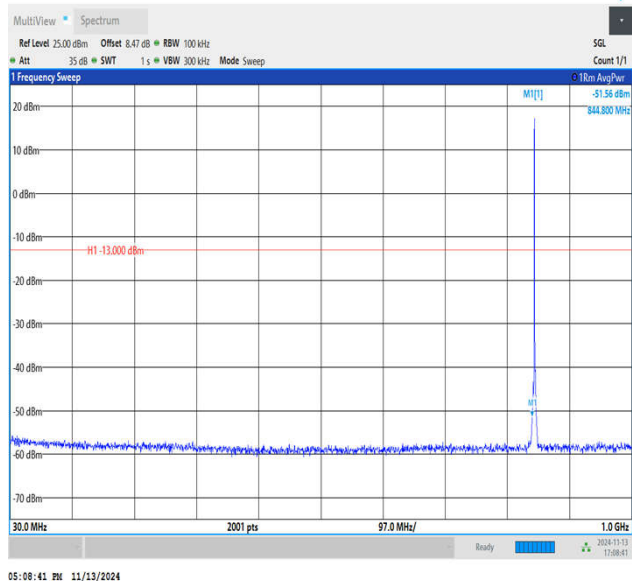
Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000



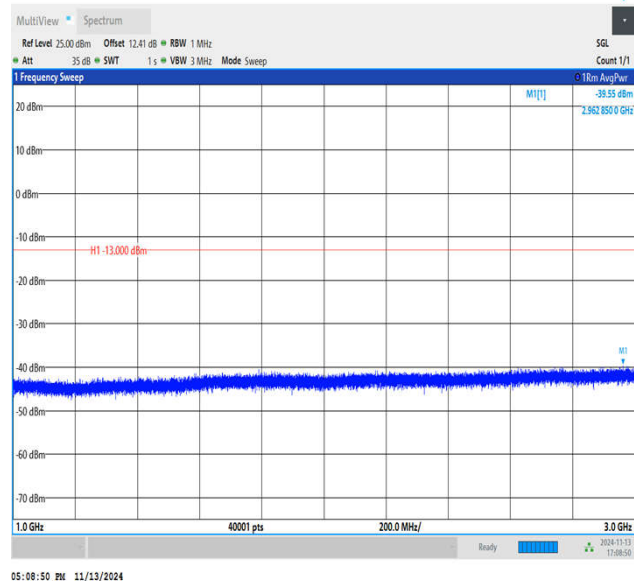
Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



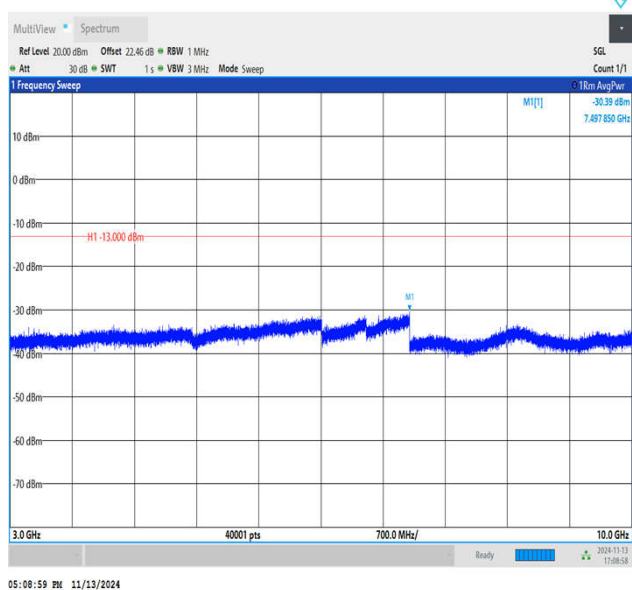
Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



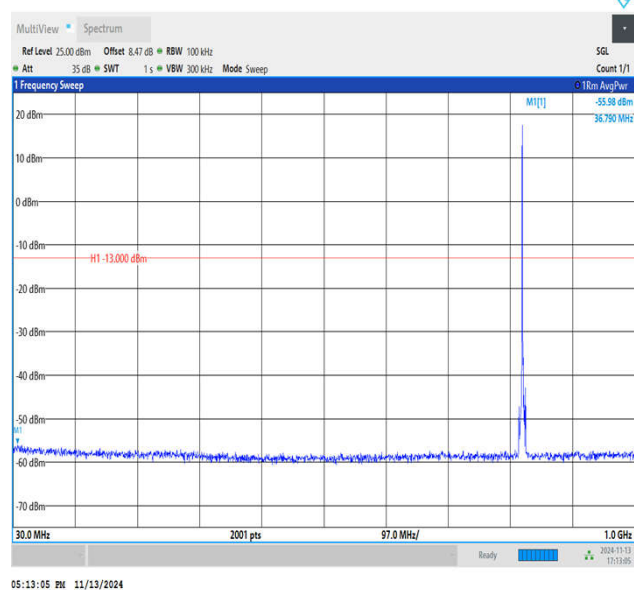
Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000



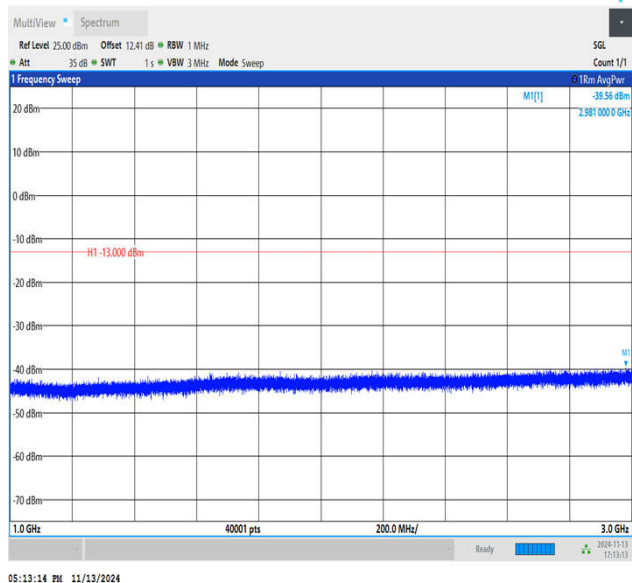
Band5_1.4MHz_QPSK_20643_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_QPSK_20643_1RB#0_3000~10000_3000~10000

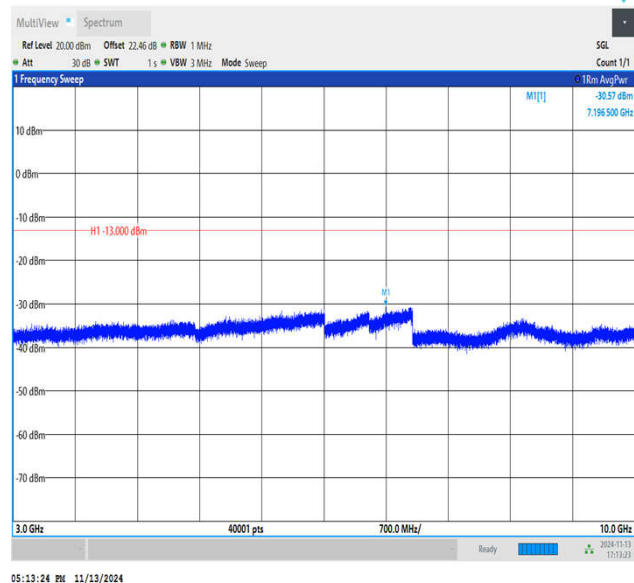


Band5_3MHz_QPSK_20415_1RB#0_30~1000_30~1000



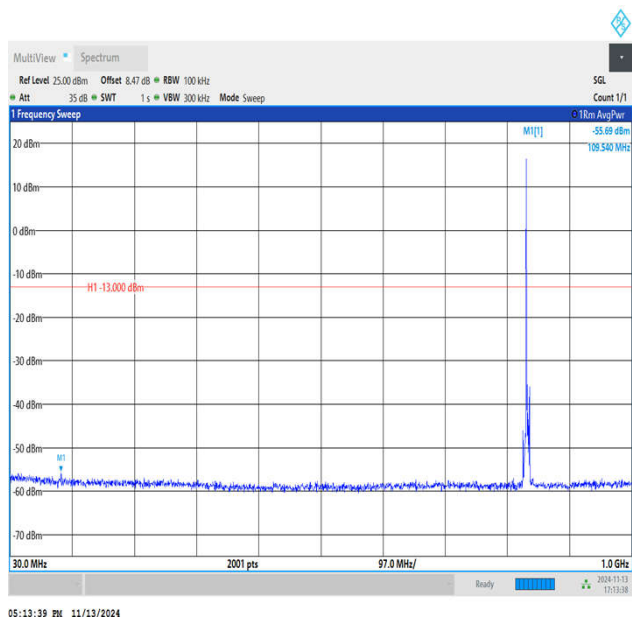
Band5_3MHz_QPSK_20415_1RB#0_1000~3000_1000~300

0

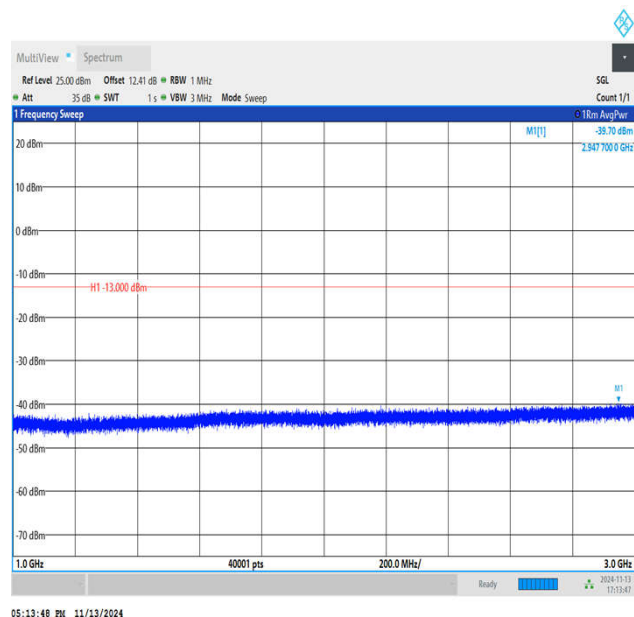


Band5_3MHz_QPSK_20415_1RB#0_3000~10000_3000~10

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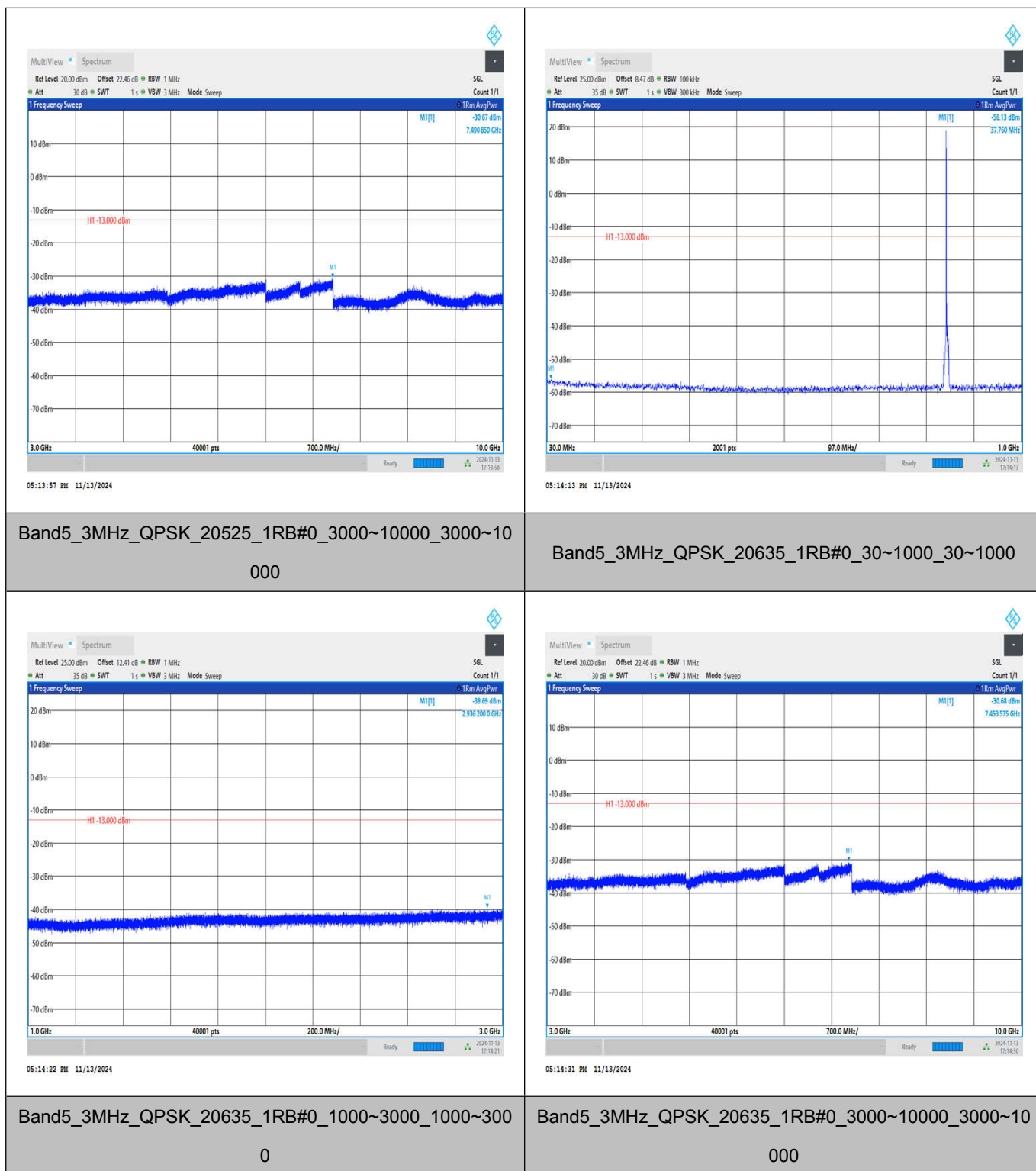


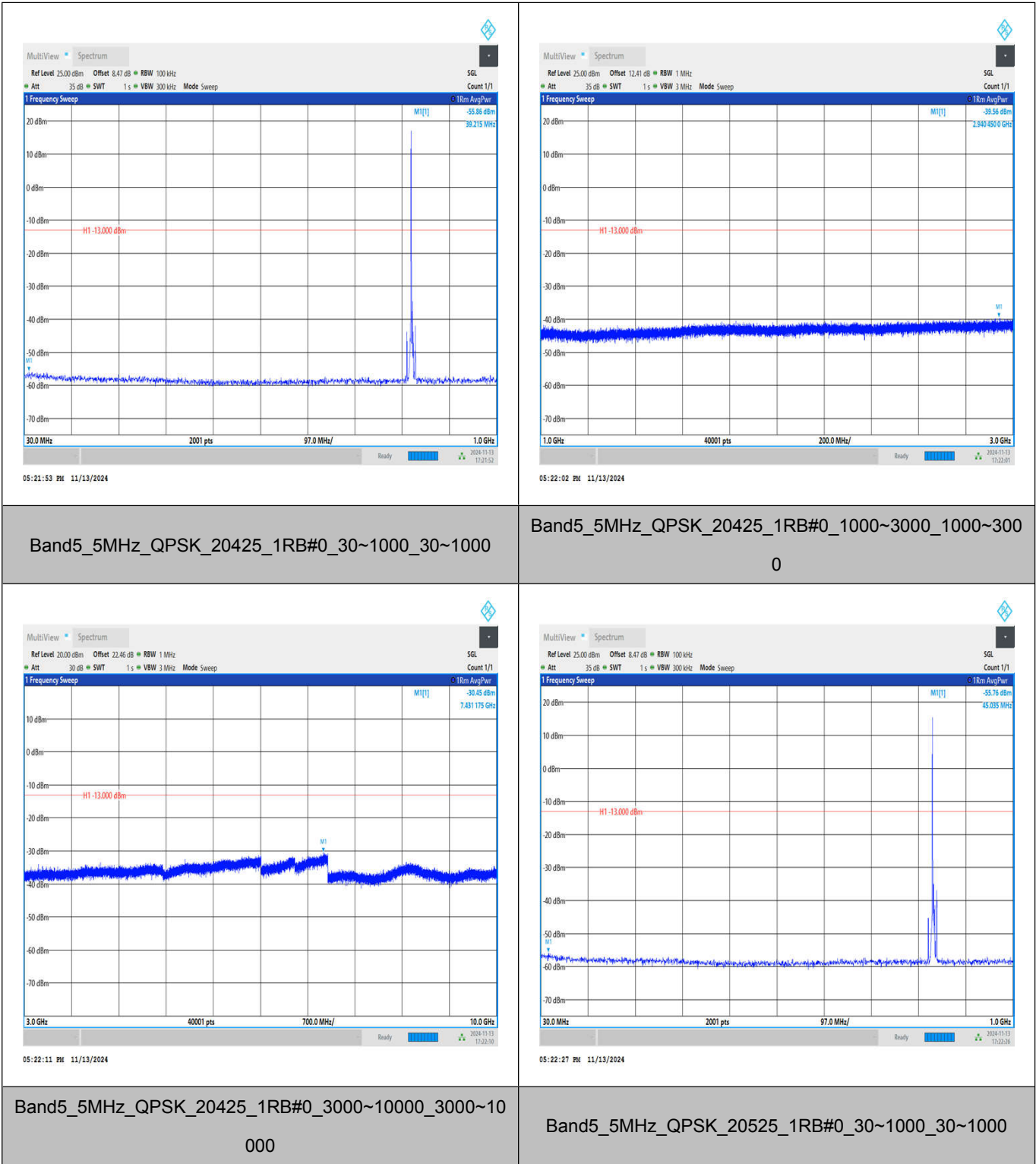
Band5_3MHz_QPSK_20525_1RB#0_30~1000_30~1000

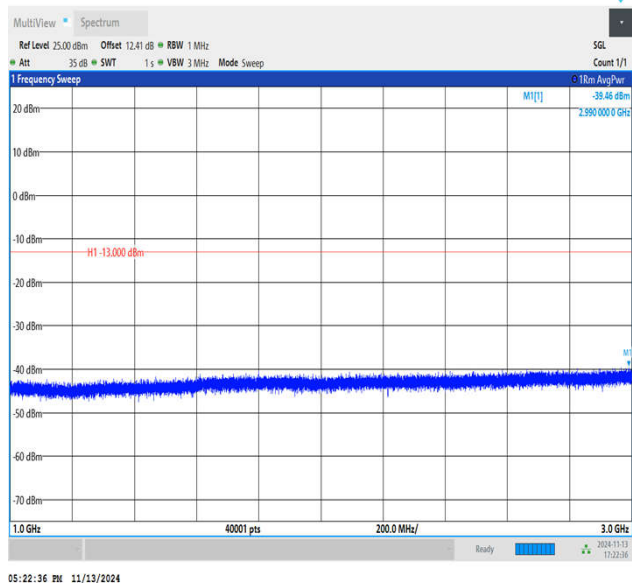


Band5_3MHz_QPSK_20525_1RB#0_1000~3000_1000~300

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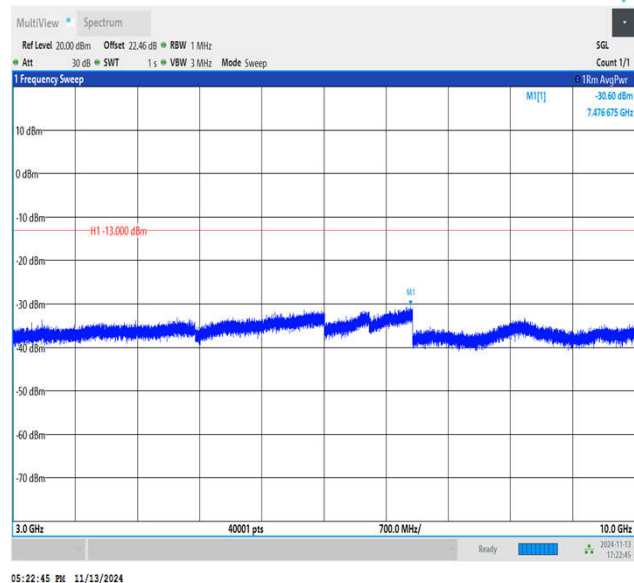






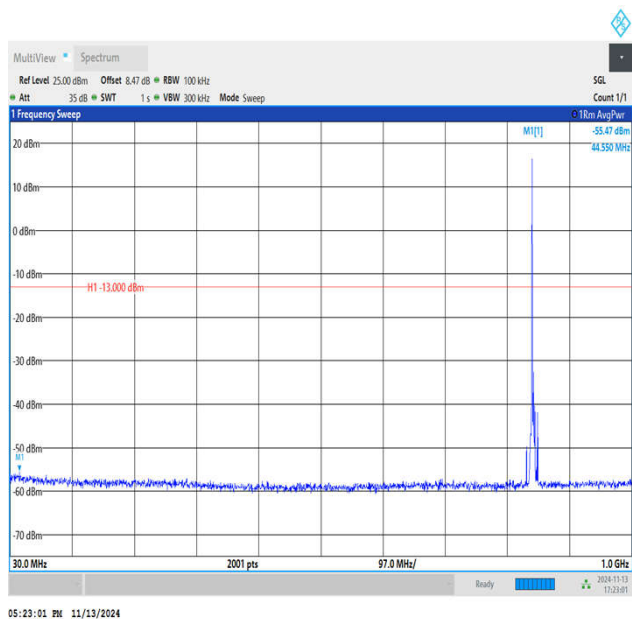
Band5_5MHz_QPSK_20525_1RB#0_1000~3000_1000~300

0

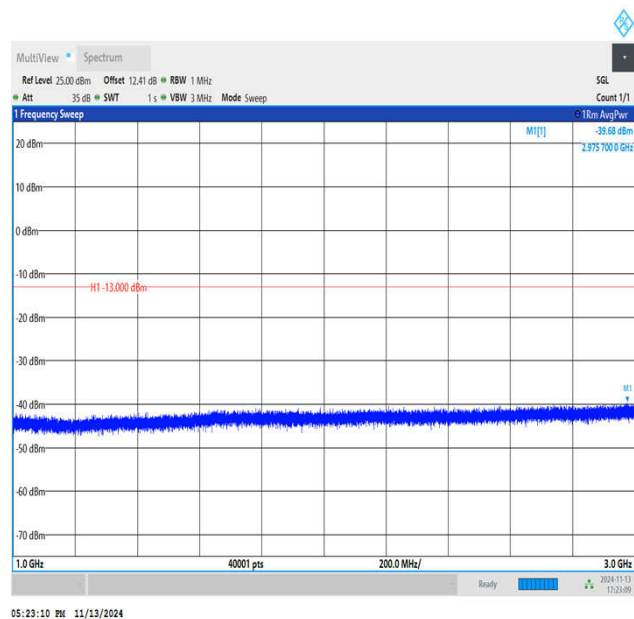


Band5_5MHz_QPSK_20525_1RB#0_3000~10000_3000~10

000

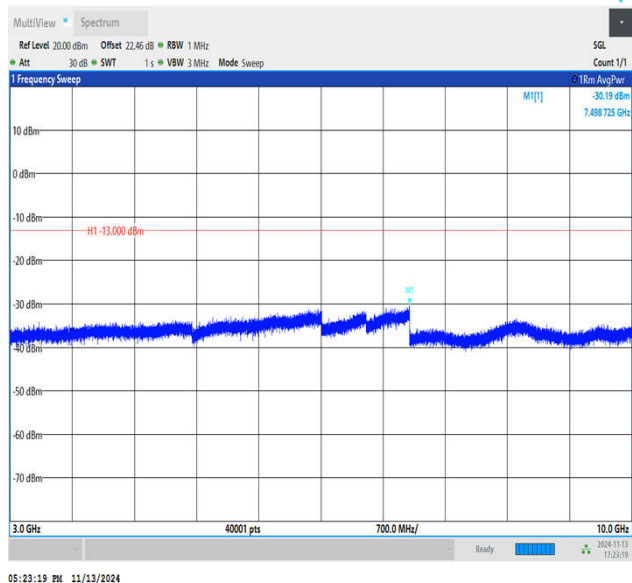


Band5_5MHz_QPSK_20625_1RB#0_30~1000_30~1000

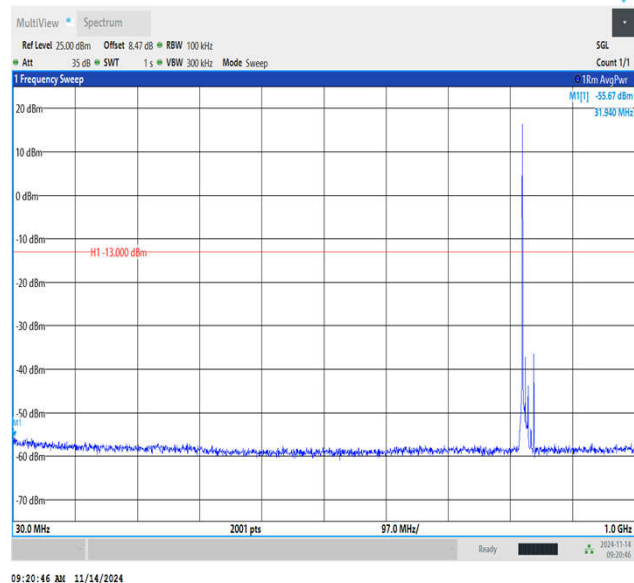


Band5_5MHz_QPSK_20625_1RB#0_1000~3000_1000~300

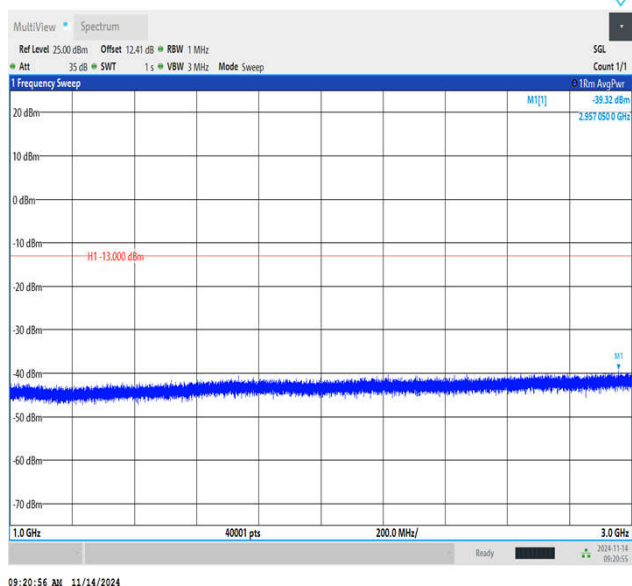
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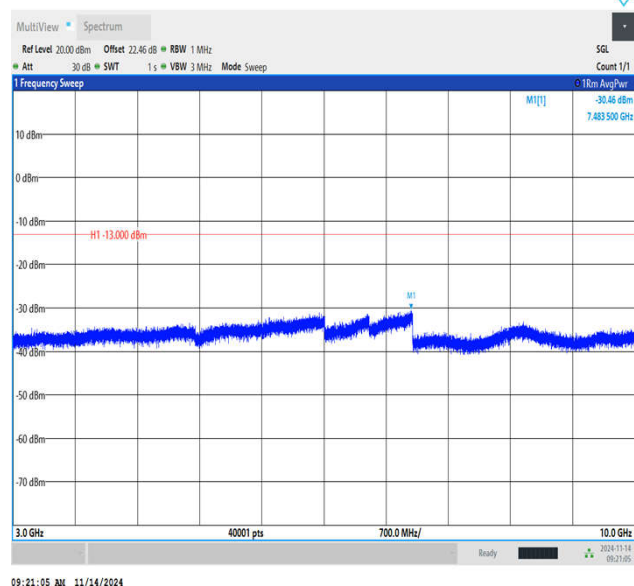
Band5_5MHz_QPSK_20625_1RB#0_3000~10000_3000~10000



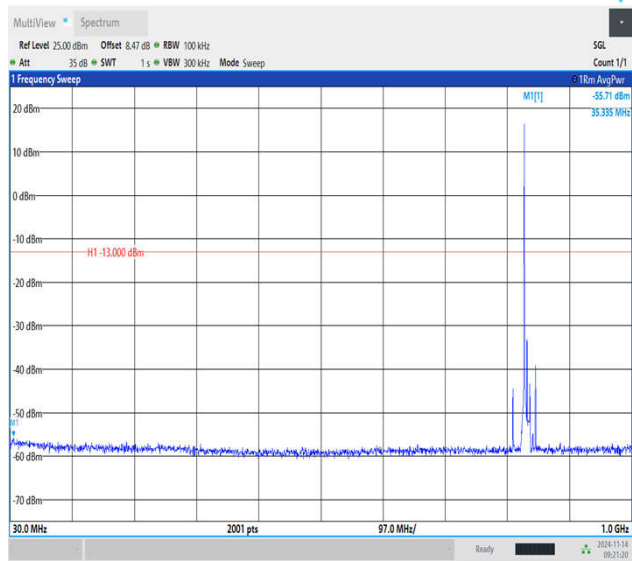
Band5_10MHz_QPSK_20450_1RB#0_30~1000_30~1000



Band5_10MHz_QPSK_20450_1RB#0_1000~3000_1000~3000

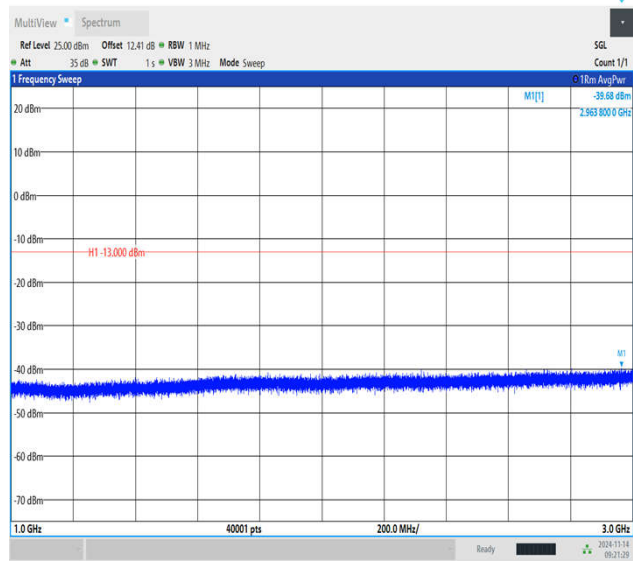


Band5_10MHz_QPSK_20450_1RB#0_3000~10000_3000~10000



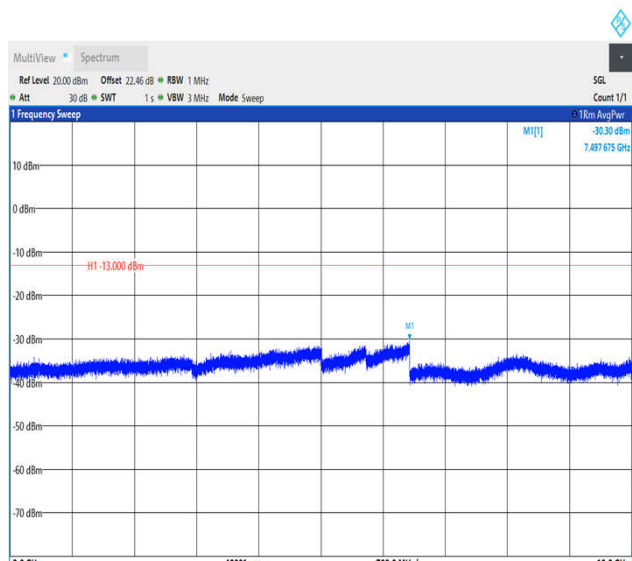
09:21:21 AM 11/14/2024

Band5_10MHz_QPSK_20525_1RB#0_30~1000_30~1000



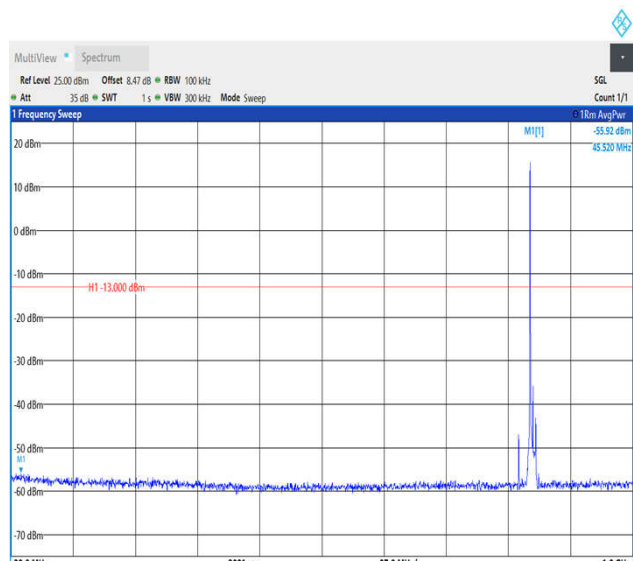
09:21:30 AM 11/14/2024

Band5_10MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



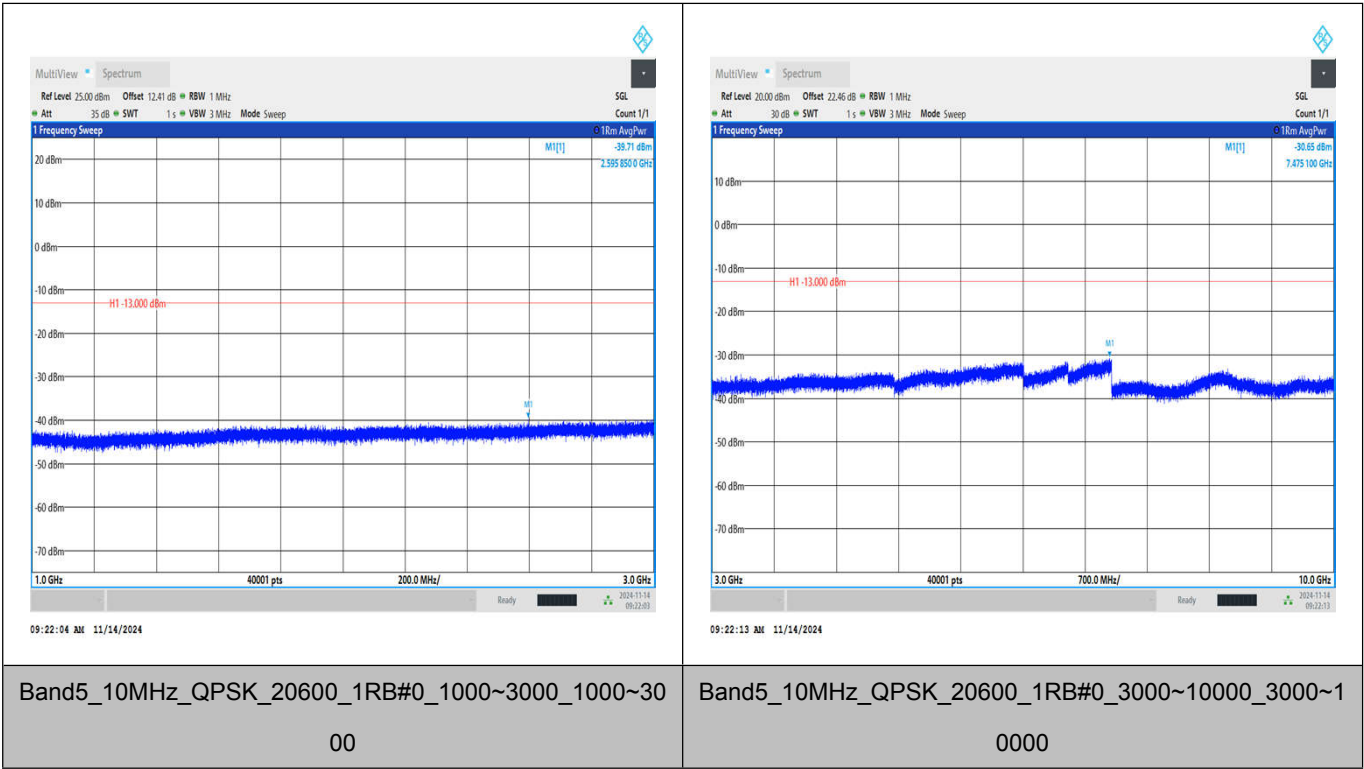
09:21:39 AM 11/14/2024

Band5_10MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



09:21:55 AM 11/14/2024

Band5_10MHz_QPSK_20600_1RB#0_30~1000_30~1000



1.6 Frequency Stability

1.6.1 Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	VN	NT	-12.30	-0.014915	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	VL	NT	-13.90	-0.016855	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	VH	NT	-11.50	-0.013944	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	VN	NT	6.60	0.007890	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	VL	NT	3.20	0.003825	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	VH	NT	-1.50	-0.001793	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	VN	NT	-4.30	-0.005069	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	VL	NT	-4.50	-0.005305	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	VH	NT	-4.70	-0.005540	±2.5
Band5	3MHz	QPSK	20415	15RB#0	VN	NT	2.50	0.003028	±2.5
Band5	3MHz	QPSK	20415	15RB#0	VL	NT	2.00	0.002423	±2.5
Band5	3MHz	QPSK	20415	15RB#0	VH	NT	1.50	0.001817	±2.5
Band5	3MHz	QPSK	20525	15RB#0	VN	NT	3.40	0.004065	±2.5
Band5	3MHz	QPSK	20525	15RB#0	VL	NT	2.50	0.002989	±2.5
Band5	3MHz	QPSK	20525	15RB#0	VH	NT	2.20	0.002630	±2.5
Band5	3MHz	QPSK	20635	15RB#0	VN	NT	2.30	0.002714	±2.5
Band5	3MHz	QPSK	20635	15RB#0	VL	NT	1.30	0.001534	±2.5
Band5	3MHz	QPSK	20635	15RB#0	VH	NT	0.60	0.000708	±2.5
Band5	5MHz	QPSK	20425	25RB#0	VN	NT	0.70	0.000847	±2.5
Band5	5MHz	QPSK	20425	25RB#0	VL	NT	2.00	0.002420	±2.5
Band5	5MHz	QPSK	20425	25RB#0	VH	NT	3.10	0.003751	±2.5
Band5	5MHz	QPSK	20525	25RB#0	VN	NT	-0.30	-0.000359	±2.5
Band5	5MHz	QPSK	20525	25RB#0	VL	NT	1.80	0.002152	±2.5
Band5	5MHz	QPSK	20525	25RB#0	VH	NT	0.70	0.000837	±2.5
Band5	5MHz	QPSK	20625	25RB#0	VN	NT	-1.30	-0.001536	±2.5
Band5	5MHz	QPSK	20625	25RB#0	VL	NT	1.50	0.001772	±2.5
Band5	5MHz	QPSK	20625	25RB#0	VH	NT	-0.70	-0.000827	±2.5

Band5	10MHz	QPSK	20450	50RB#0	VN	NT	-1.30	-0.001568	±2.5
Band5	10MHz	QPSK	20450	50RB#0	VL	NT	-0.30	-0.000362	±2.5
Band5	10MHz	QPSK	20450	50RB#0	VH	NT	0.90	0.001086	±2.5
Band5	10MHz	QPSK	20525	50RB#0	VN	NT	0.40	0.000478	±2.5
Band5	10MHz	QPSK	20525	50RB#0	VL	NT	0.70	0.000837	±2.5
Band5	10MHz	QPSK	20525	50RB#0	VH	NT	0.20	0.000239	±2.5
Band5	10MHz	QPSK	20600	50RB#0	VN	NT	-0.60	-0.000711	±2.5
Band5	10MHz	QPSK	20600	50RB#0	VL	NT	0.00	0.000000	±2.5
Band5	10MHz	QPSK	20600	50RB#0	VH	NT	0.20	0.000237	±2.5

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-30	-7.20	-0.008730	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-20	-4.50	-0.005457	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	-10	-2.50	-0.003031	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	0	-3.30	-0.004001	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	10	-2.10	-0.002546	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	20	-3.40	-0.004123	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	30	-0.70	-0.000849	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	40	-0.60	-0.000728	±2.5
Band5	1.4MHz	QPSK	20407	6RB#0	NV	50	-1.00	-0.001213	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-30	1.70	0.002032	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-20	-0.60	-0.000717	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	-10	1.10	0.001315	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	0	-1.60	-0.001913	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	10	-1.20	-0.001435	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	20	-1.70	-0.002032	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	30	-2.20	-0.002630	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	40	0.20	0.000239	±2.5
Band5	1.4MHz	QPSK	20525	6RB#0	NV	50	-1.60	-0.001913	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-30	-2.80	-0.003301	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-20	-1.00	-0.001179	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	-10	-2.50	-0.002947	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	0	-1.80	-0.002122	±2.5

Band5	1.4MHz	QPSK	20643	6RB#0	NV	10	-1.10	-0.001297	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	20	-0.80	-0.000943	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	30	-2.50	-0.002947	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	40	-0.50	-0.000589	±2.5
Band5	1.4MHz	QPSK	20643	6RB#0	NV	50	-2.40	-0.002829	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	-30	3.20	0.003876	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	-20	1.20	0.001454	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	-10	3.70	0.004482	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	0	4.30	0.005209	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	10	3.50	0.004240	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	20	1.90	0.002302	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	30	1.90	0.002302	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	40	1.50	0.001817	±2.5
Band5	3MHz	QPSK	20415	15RB#0	NV	50	3.20	0.003876	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	-30	1.80	0.002152	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	-20	0.50	0.000598	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	-10	0.70	0.000837	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	0	-0.70	-0.000837	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	10	-0.20	-0.000239	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	20	2.20	0.002630	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	30	1.60	0.001913	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	40	1.30	0.001554	±2.5
Band5	3MHz	QPSK	20525	15RB#0	NV	50	1.70	0.002032	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	-30	1.40	0.001652	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	-20	0.10	0.000118	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	-10	0.80	0.000944	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	0	-0.20	-0.000236	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	10	0.30	0.000354	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	20	1.60	0.001888	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	30	0.00	0.000000	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	40	-0.70	-0.000826	±2.5
Band5	3MHz	QPSK	20635	15RB#0	NV	50	2.50	0.002950	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	-30	2.00	0.002420	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	-20	1.70	0.002057	±2.5

Band5	5MHz	QPSK	20425	25RB#0	NV	-10	1.40	0.001694	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	0	3.50	0.004235	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	10	2.30	0.002783	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	20	0.90	0.001089	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	30	0.40	0.000484	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	40	1.40	0.001694	±2.5
Band5	5MHz	QPSK	20425	25RB#0	NV	50	1.70	0.002057	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	-30	0.90	0.001076	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	-20	2.00	0.002391	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	-10	1.10	0.001315	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	0	0.80	0.000956	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	10	0.10	0.000120	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	20	2.20	0.002630	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	30	2.00	0.002391	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	40	-0.60	-0.000717	±2.5
Band5	5MHz	QPSK	20525	25RB#0	NV	50	1.10	0.001315	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	-30	1.60	0.001890	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	-20	0.80	0.000945	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	-10	0.10	0.000118	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	0	2.20	0.002599	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	10	0.40	0.000473	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	20	-0.20	-0.000236	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	30	0.40	0.000473	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	40	1.60	0.001890	±2.5
Band5	5MHz	QPSK	20625	25RB#0	NV	50	1.40	0.001654	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	-30	1.80	0.002171	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	-20	-1.30	-0.001568	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	-10	-0.10	-0.000121	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	0	-0.30	-0.000362	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	10	0.60	0.000724	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	20	0.00	0.000000	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	30	0.00	0.000000	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	40	0.20	0.000241	±2.5
Band5	10MHz	QPSK	20450	50RB#0	NV	50	-1.50	-0.001809	±2.5

Band5	10MHz	QPSK	20525	50RB#0	NV	-30	0.30	0.000359	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	-20	1.20	0.001435	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	-10	0.50	0.000598	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	0	-0.70	-0.000837	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	10	1.20	0.001435	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	20	0.10	0.000120	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	30	-1.30	-0.001554	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	40	-1.20	-0.001435	±2.5
Band5	10MHz	QPSK	20525	50RB#0	NV	50	0.20	0.000239	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	-30	-0.10	-0.000118	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	-20	1.30	0.001540	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	-10	0.50	0.000592	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	0	1.50	0.001777	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	10	2.10	0.002488	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	20	0.50	0.000592	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	30	0.70	0.000829	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	40	0.80	0.000948	±2.5
Band5	10MHz	QPSK	20600	50RB#0	NV	50	0.20	0.000237	±2.5