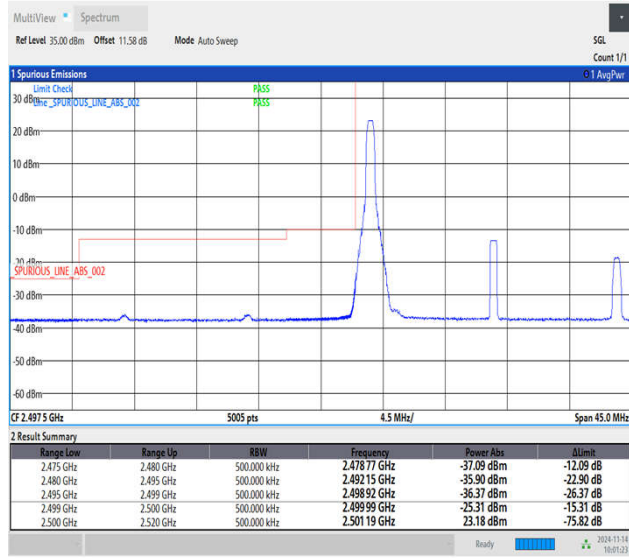
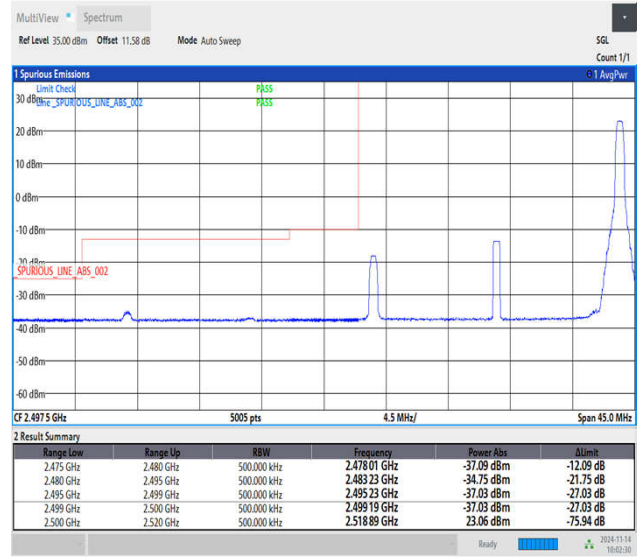




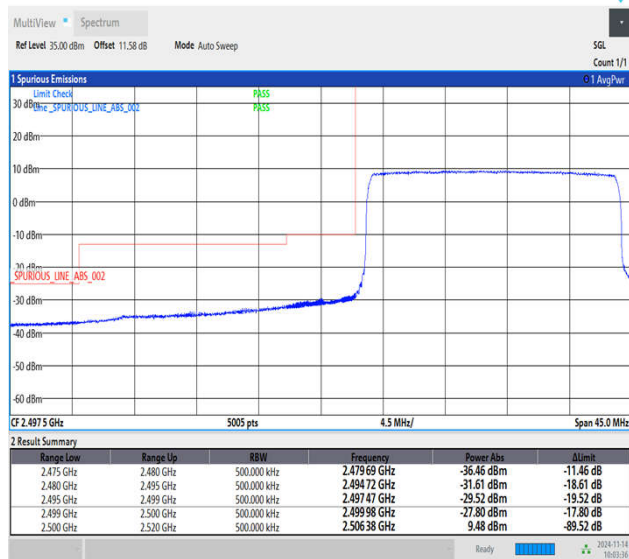
10:01:24 AM 11/14/2024

Band7_20MHz_QPSK_20850_1RB#0



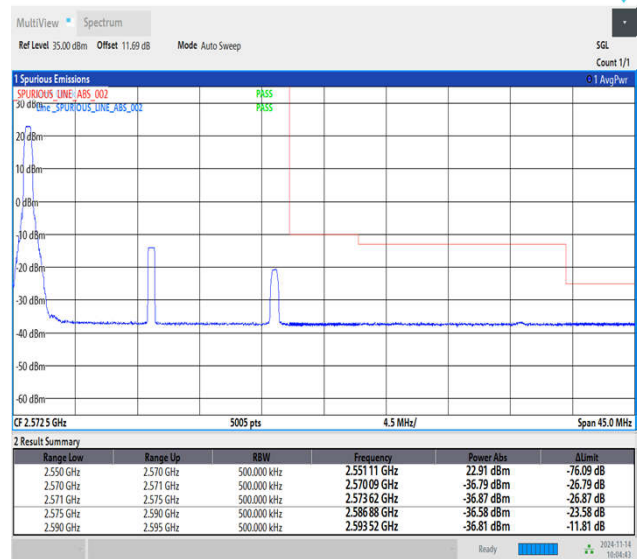
10:02:30 AM 11/14/2024

Band7_20MHz_QPSK_20850_1RB#99



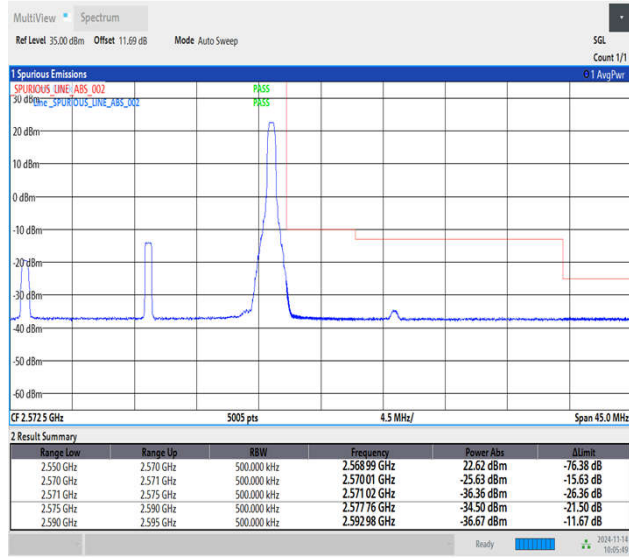
10:03:37 AM 11/14/2024

Band7_20MHz_QPSK_20850_100RB#0

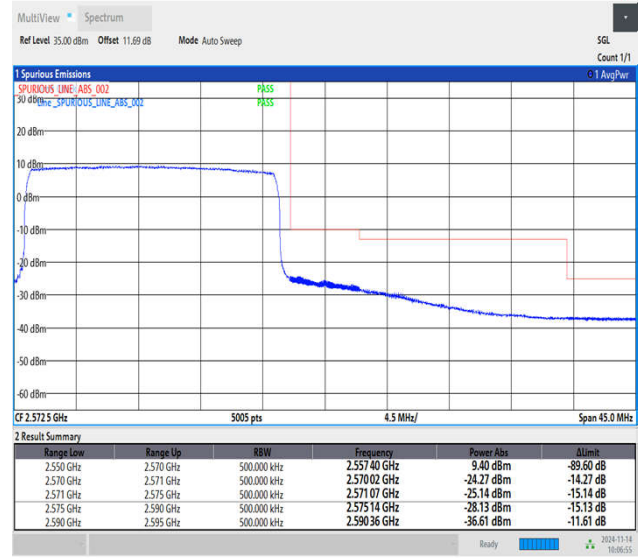


10:04:43 AM 11/14/2024

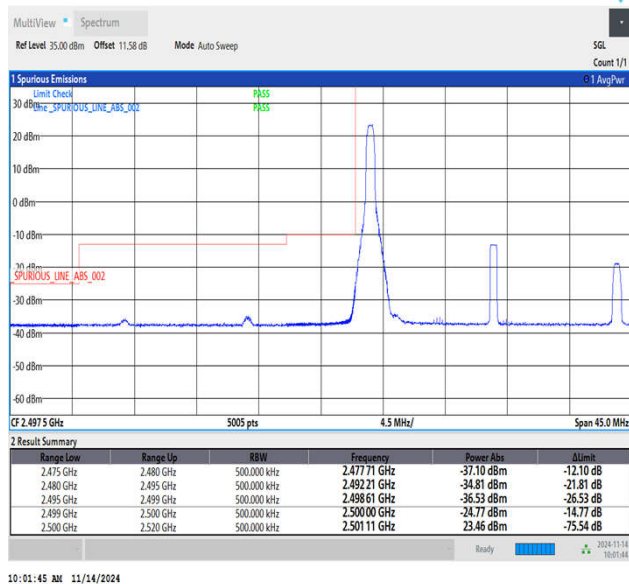
Band7_20MHz_QPSK_21350_1RB#0



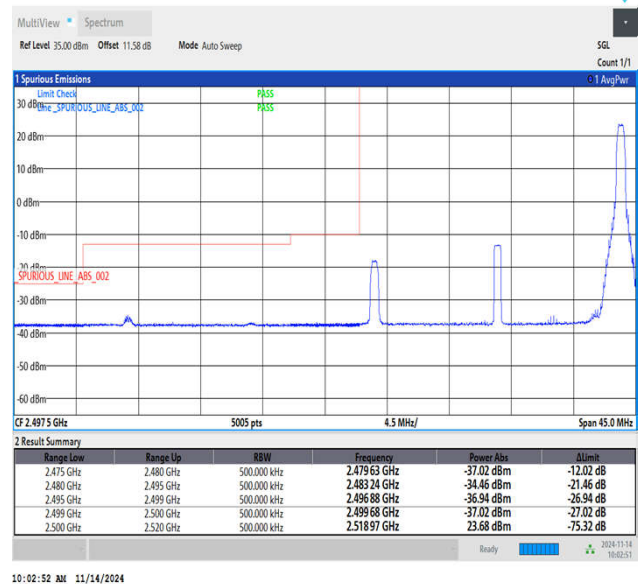
Band7_20MHz_QPSK_21350_1RB#99



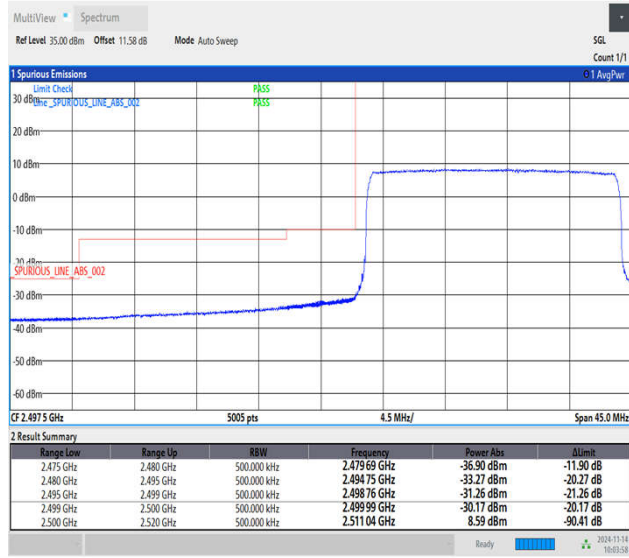
Band7_20MHz_QPSK_21350_100RB#0



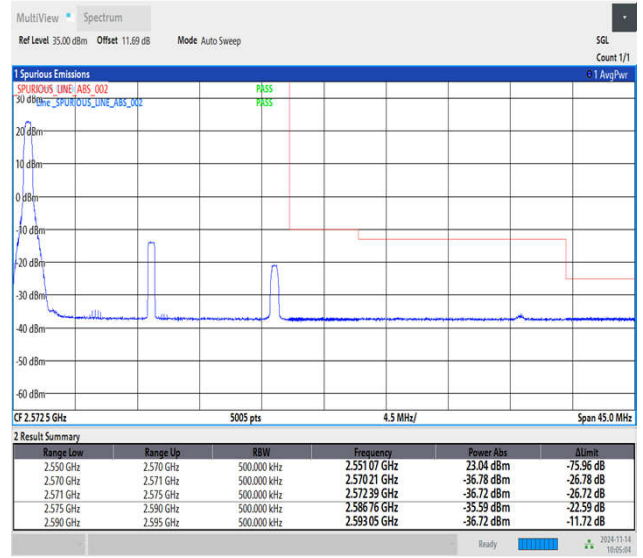
Band7_20MHz_16QAM_20850_1RB#0



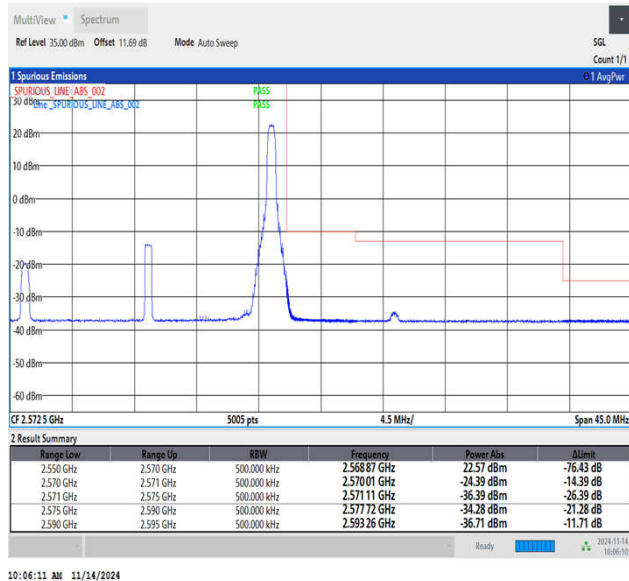
Band7_20MHz_16QAM_20850_1RB#99



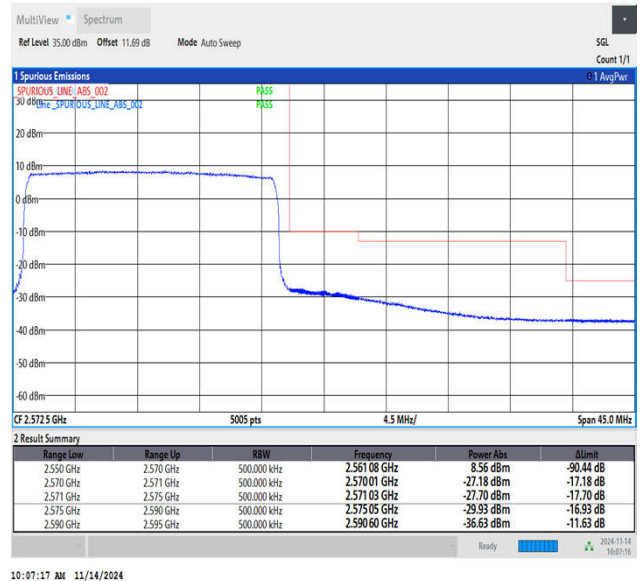
Band7_20MHz_16QAM_20850_100RB#0



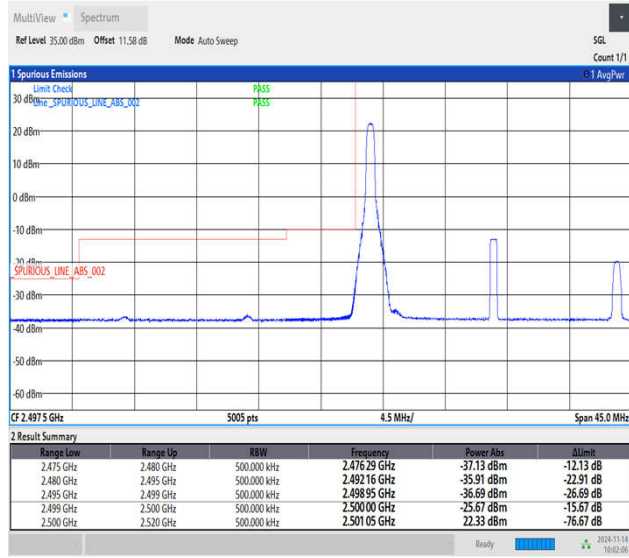
Band7_20MHz_16QAM_21350_1RB#0



Band7_20MHz_16QAM_21350_1RB#99

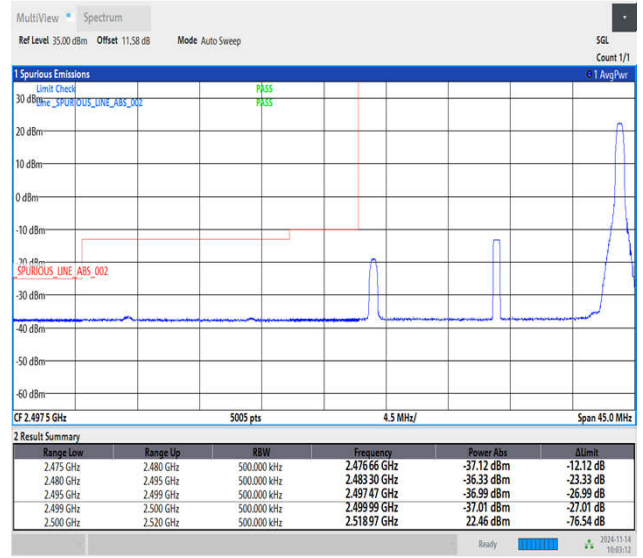


Band7_20MHz_16QAM_21350_100RB#0



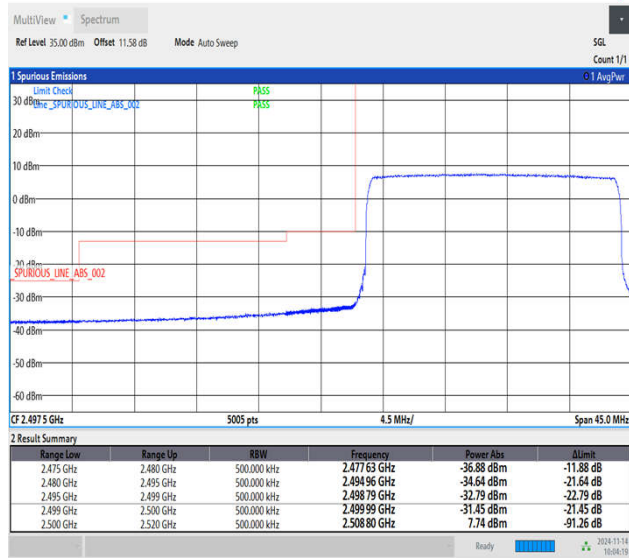
10:02:06 AM 11/14/2024

Band7_20MHz_64QAM_20850_1RB#0



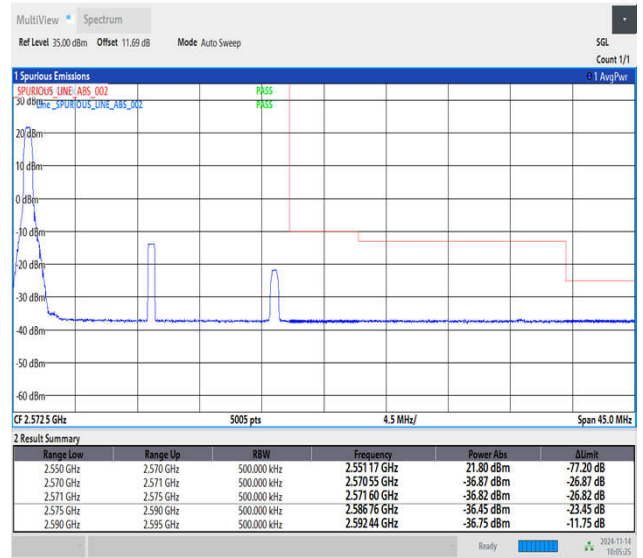
10:03:13 AM 11/14/2024

Band7_20MHz_64QAM_20850_1RB#99



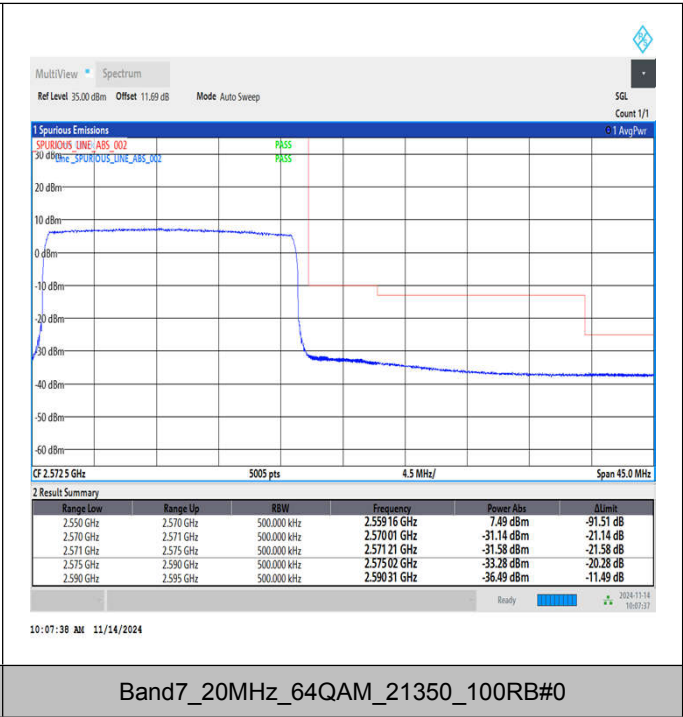
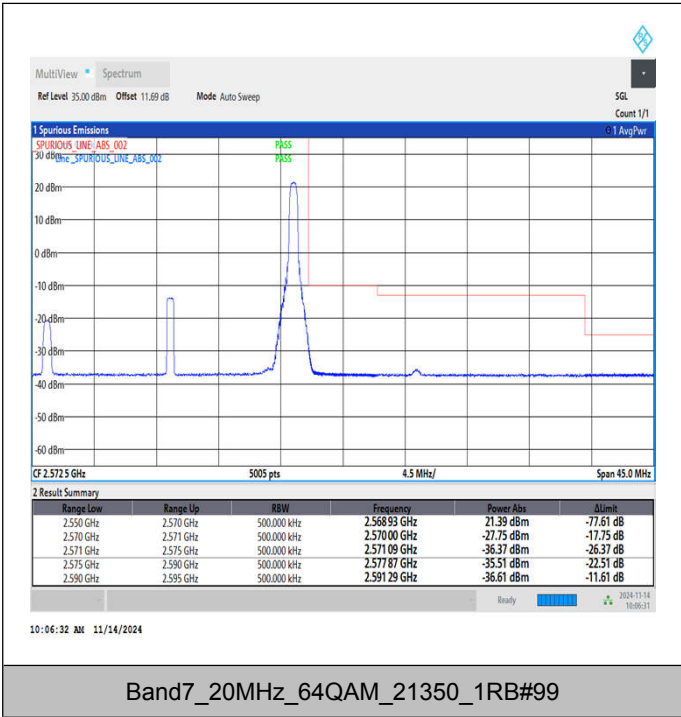
10:04:19 AM 11/14/2024

Band7_20MHz_64QAM_20850_100RB#0



10:05:26 AM 11/14/2024

Band7_20MHz_64QAM_21350_1RB#0



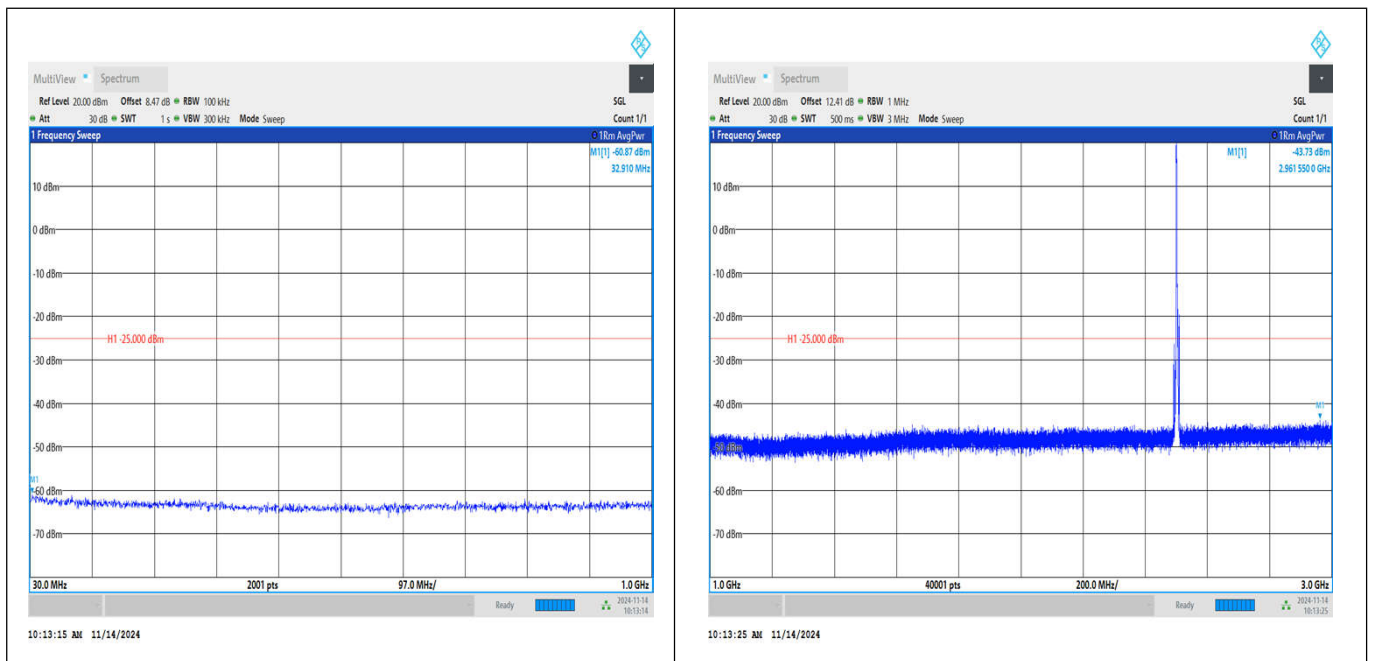
1.5 Conducted Spurious Emission

1.5.1 Test Result

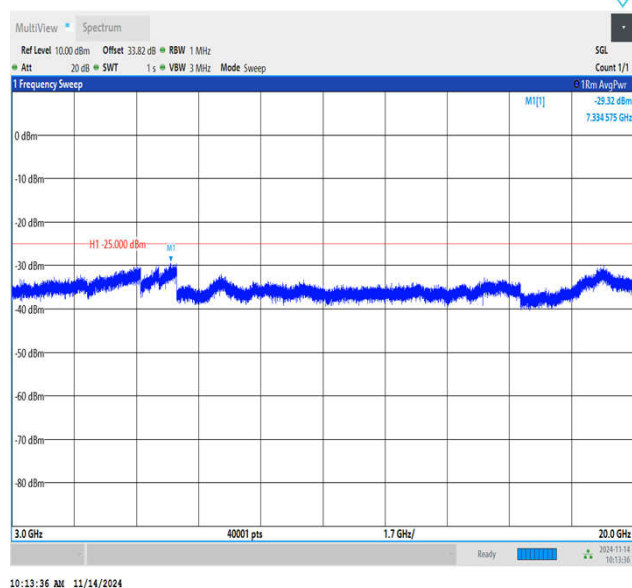
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	30~1000	-60.87	PASS
Band7	5MHz	QPSK	20775	1RB#0	1000~3000	-43.73	PASS
Band7	5MHz	QPSK	20775	1RB#0	3000~20000	-29.32	PASS
Band7	5MHz	QPSK	20775	1RB#0	20000~27000	-34.28	PASS
Band7	5MHz	QPSK	21100	1RB#0	30~1000	-61.03	PASS
Band7	5MHz	QPSK	21100	1RB#0	1000~3000	-43.72	PASS
Band7	5MHz	QPSK	21100	1RB#0	3000~20000	-29.44	PASS
Band7	5MHz	QPSK	21100	1RB#0	20000~27000	-34.52	PASS
Band7	5MHz	QPSK	21425	1RB#0	30~1000	-60.98	PASS
Band7	5MHz	QPSK	21425	1RB#0	1000~3000	-43.40	PASS
Band7	5MHz	QPSK	21425	1RB#0	3000~20000	-29.30	PASS
Band7	5MHz	QPSK	21425	1RB#0	20000~27000	-34.68	PASS
Band7	10MHz	QPSK	20800	1RB#0	30~1000	-61.08	PASS
Band7	10MHz	QPSK	20800	1RB#0	1000~3000	-43.96	PASS
Band7	10MHz	QPSK	20800	1RB#0	3000~20000	-29.36	PASS
Band7	10MHz	QPSK	20800	1RB#0	20000~27000	-34.20	PASS
Band7	10MHz	QPSK	21100	1RB#0	30~1000	-60.80	PASS
Band7	10MHz	QPSK	21100	1RB#0	1000~3000	-43.99	PASS
Band7	10MHz	QPSK	21100	1RB#0	3000~20000	-29.63	PASS
Band7	10MHz	QPSK	21100	1RB#0	20000~27000	-34.39	PASS
Band7	10MHz	QPSK	21400	1RB#0	30~1000	-60.87	PASS
Band7	10MHz	QPSK	21400	1RB#0	1000~3000	-43.34	PASS
Band7	10MHz	QPSK	21400	1RB#0	3000~20000	-29.69	PASS
Band7	10MHz	QPSK	21400	1RB#0	20000~27000	-34.56	PASS
Band7	15MHz	QPSK	20825	1RB#0	30~1000	-60.40	PASS
Band7	15MHz	QPSK	20825	1RB#0	1000~3000	-43.87	PASS
Band7	15MHz	QPSK	20825	1RB#0	3000~20000	-29.29	PASS
Band7	15MHz	QPSK	20825	1RB#0	20000~27000	-34.62	PASS

Band7	15MHz	QPSK	21100	1RB#0	30~1000	-61.00	PASS
Band7	15MHz	QPSK	21100	1RB#0	1000~3000	-44.03	PASS
Band7	15MHz	QPSK	21100	1RB#0	3000~20000	-29.08	PASS
Band7	15MHz	QPSK	21100	1RB#0	20000~27000	-34.70	PASS
Band7	15MHz	QPSK	21375	1RB#0	30~1000	-60.88	PASS
Band7	15MHz	QPSK	21375	1RB#0	1000~3000	-43.42	PASS
Band7	15MHz	QPSK	21375	1RB#0	3000~20000	-29.42	PASS
Band7	15MHz	QPSK	21375	1RB#0	20000~27000	-34.50	PASS
Band7	20MHz	QPSK	20850	1RB#0	30~1000	-60.60	PASS
Band7	20MHz	QPSK	20850	1RB#0	1000~3000	-43.97	PASS
Band7	20MHz	QPSK	20850	1RB#0	3000~20000	-28.64	PASS
Band7	20MHz	QPSK	20850	1RB#0	20000~27000	-34.56	PASS
Band7	20MHz	QPSK	21100	1RB#0	30~1000	-60.75	PASS
Band7	20MHz	QPSK	21100	1RB#0	1000~3000	-43.42	PASS
Band7	20MHz	QPSK	21100	1RB#0	3000~20000	-29.61	PASS
Band7	20MHz	QPSK	21100	1RB#0	20000~27000	-34.69	PASS
Band7	20MHz	QPSK	21350	1RB#0	30~1000	-60.99	PASS
Band7	20MHz	QPSK	21350	1RB#0	1000~3000	-44.04	PASS
Band7	20MHz	QPSK	21350	1RB#0	3000~20000	-29.71	PASS
Band7	20MHz	QPSK	21350	1RB#0	20000~27000	-34.57	PASS

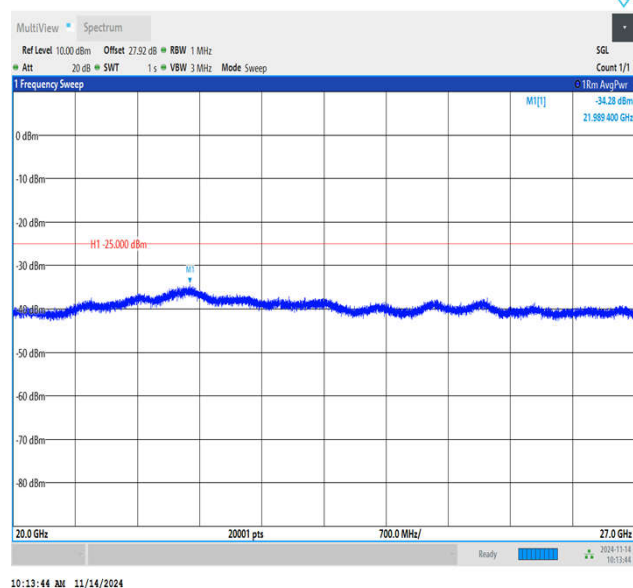
1.5.2 Test Graphs



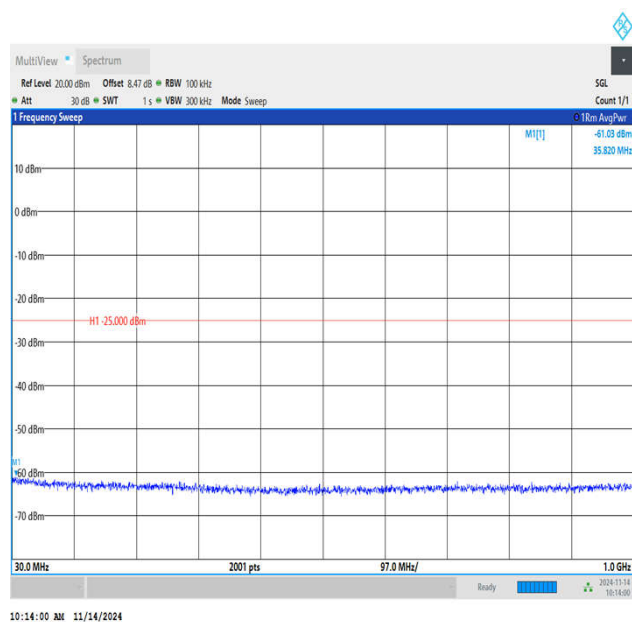
Band7_5MHz_QPSK_20775_1RB#0_30~1000_30~1000



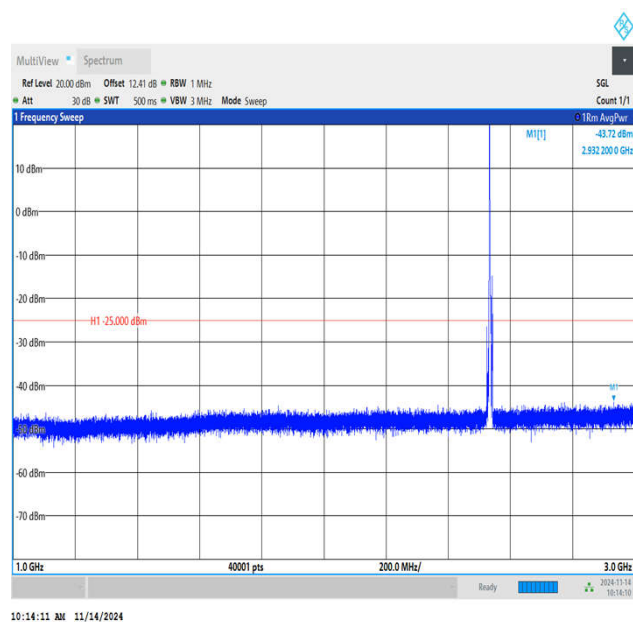
Band7_5MHz_QPSK_20775_1RB#0_1000~3000_1000~3000



Band7_5MHz_QPSK_20775_1RB#0_3000~20000_3000~20000
0000

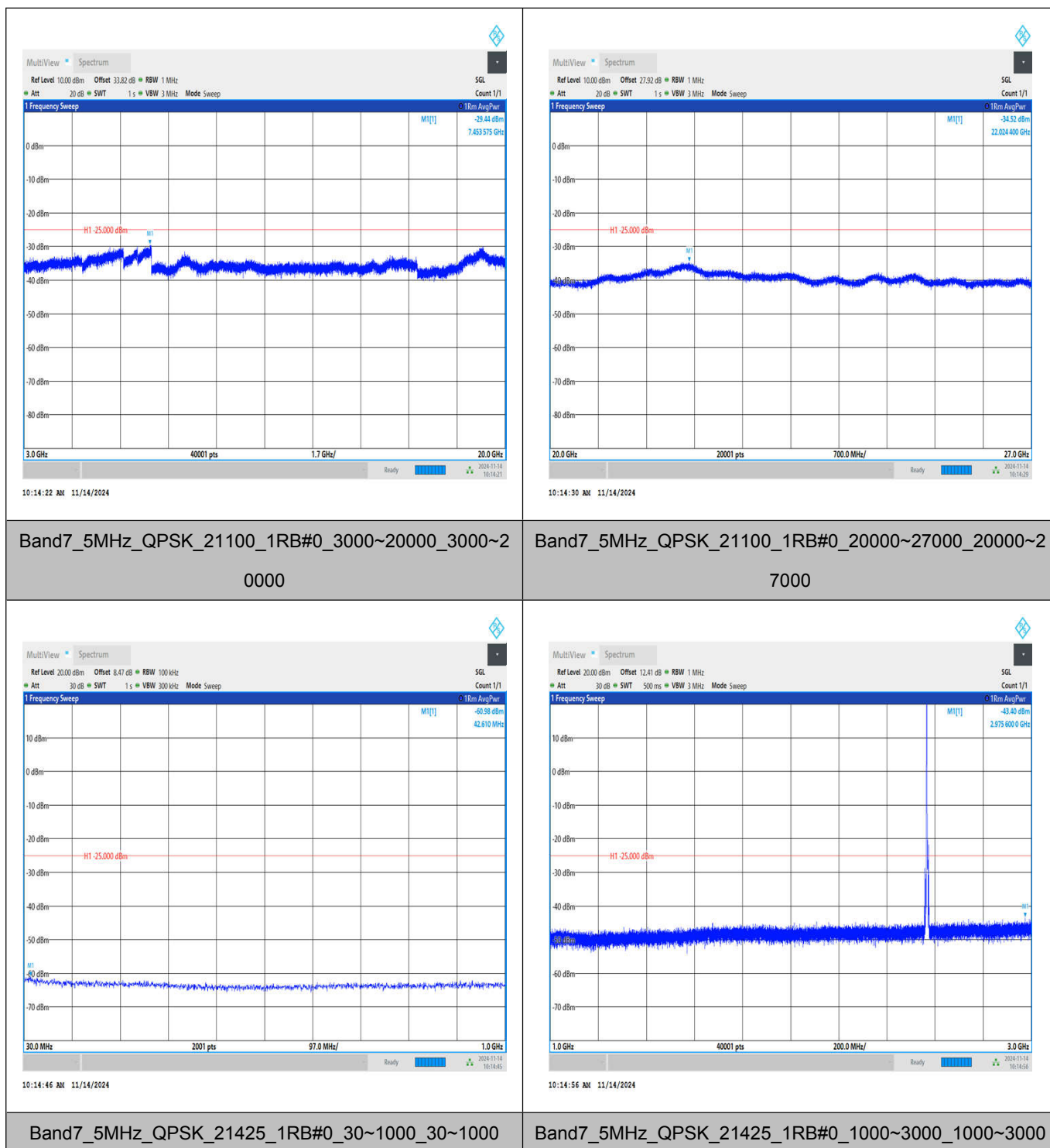


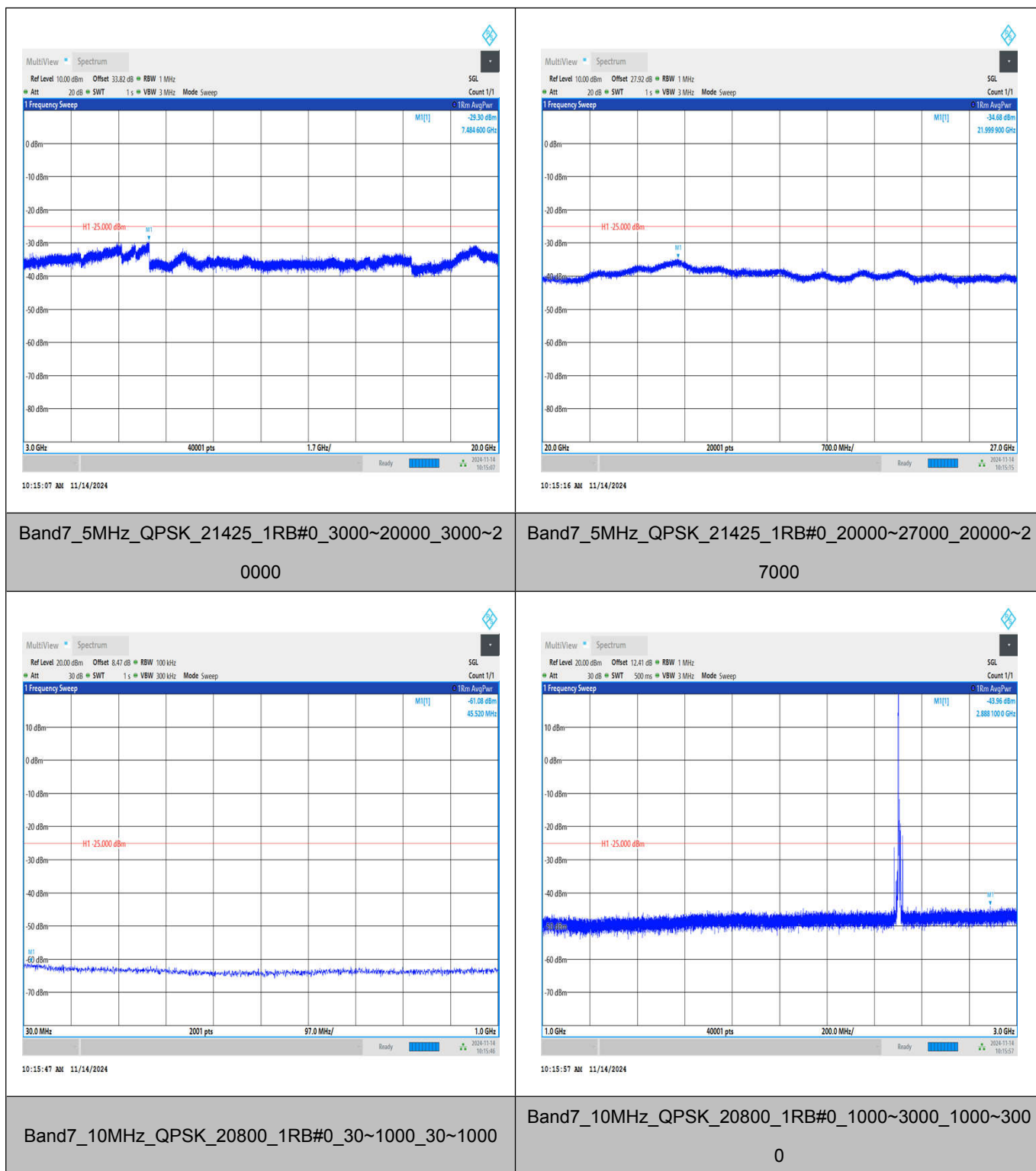
Band7_5MHz_QPSK_20775_1RB#0_20000~27000_20000~27000
7000

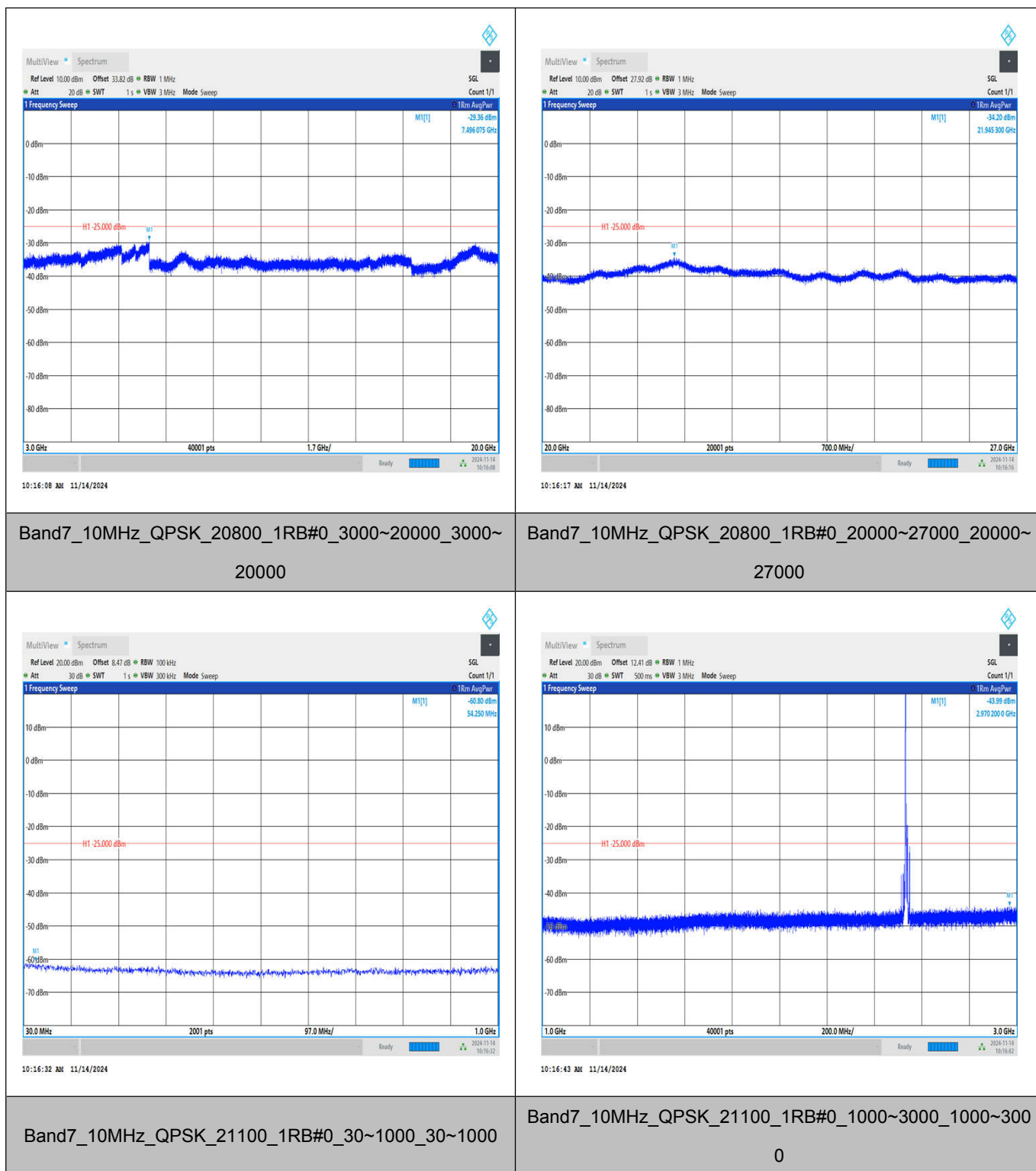


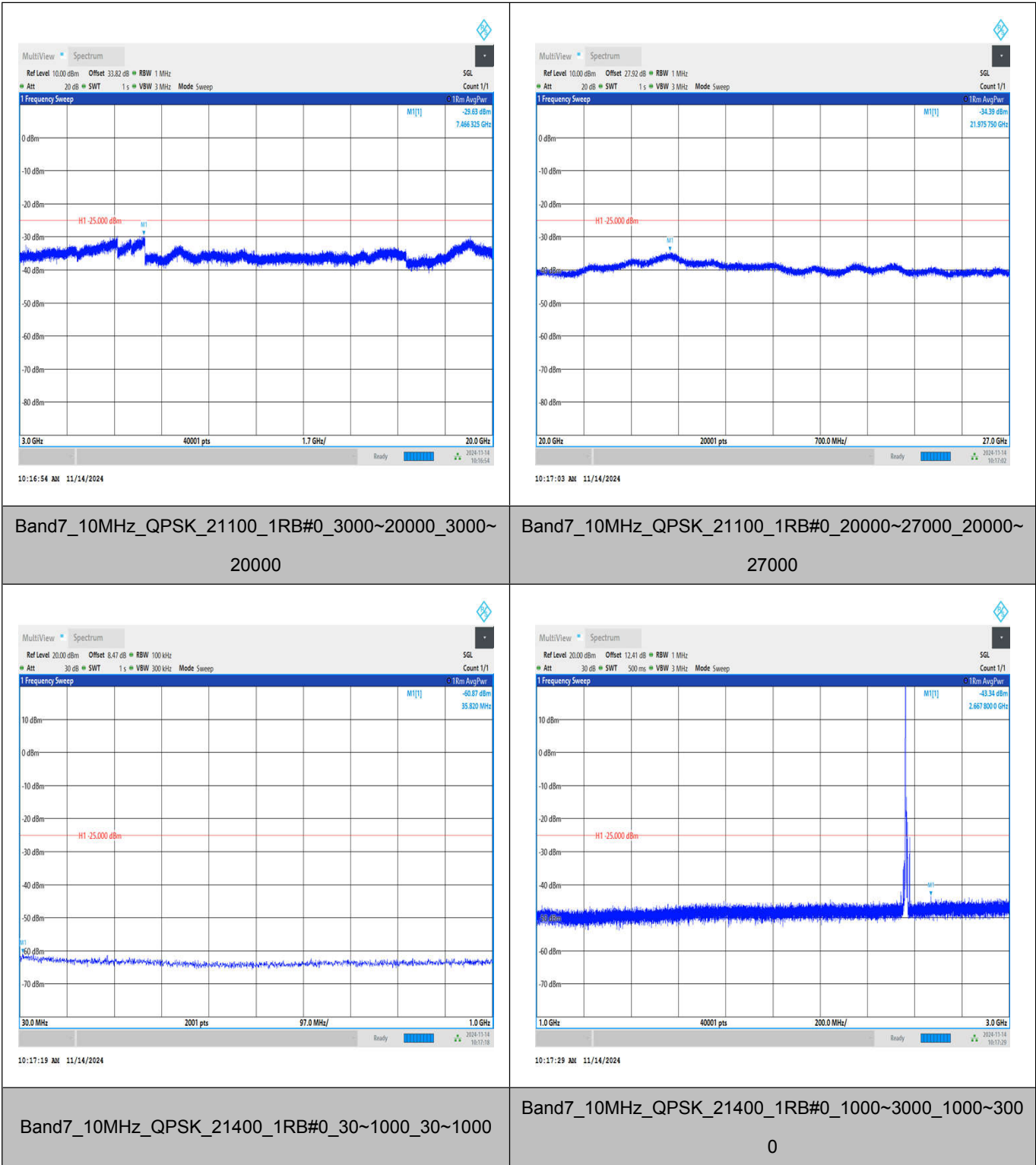
Band7_5MHz_QPSK_21100_1RB#0_30~1000_30~1000

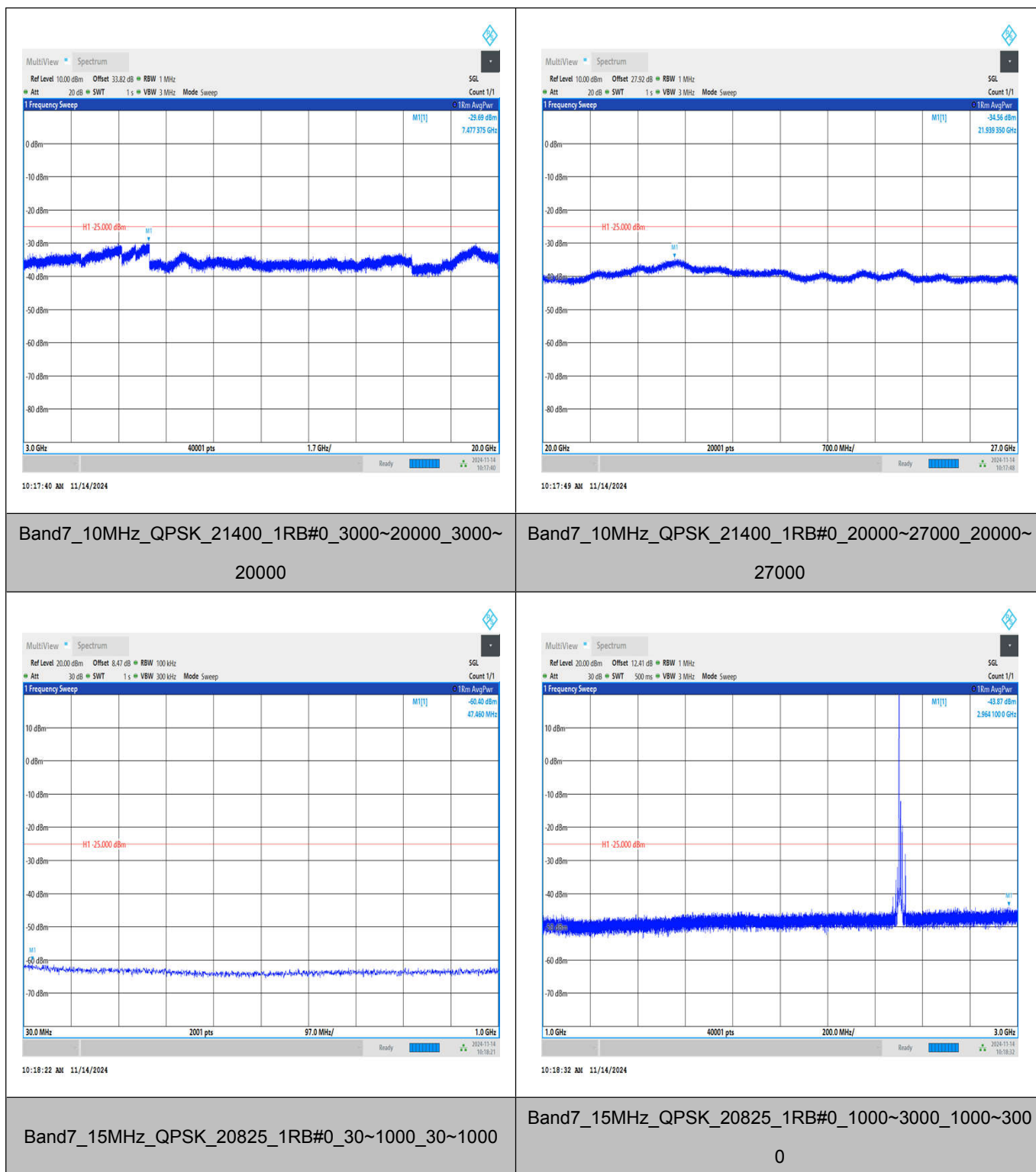
Band7_5MHz_QPSK_21100_1RB#0_1000~3000_1000~3000

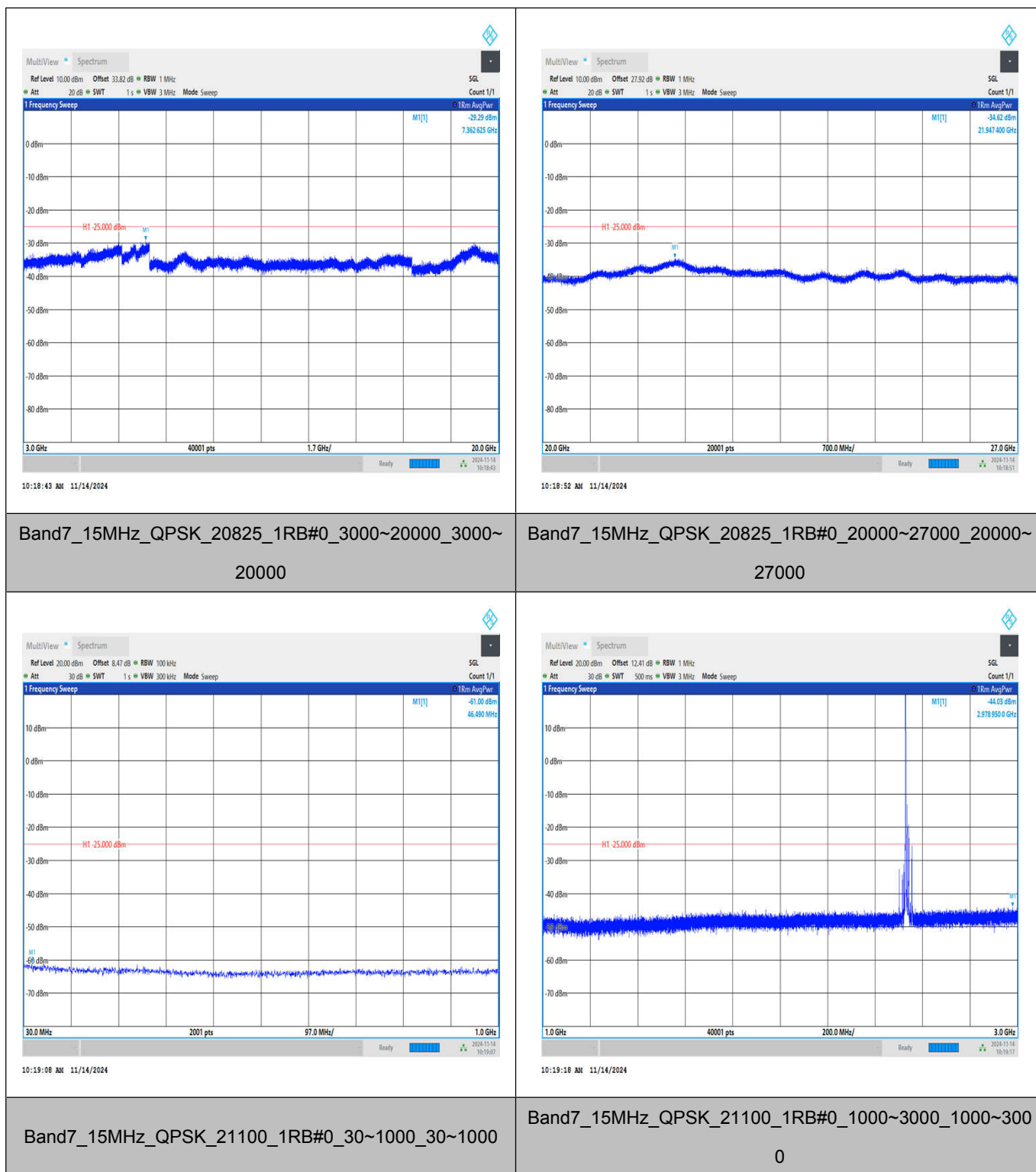


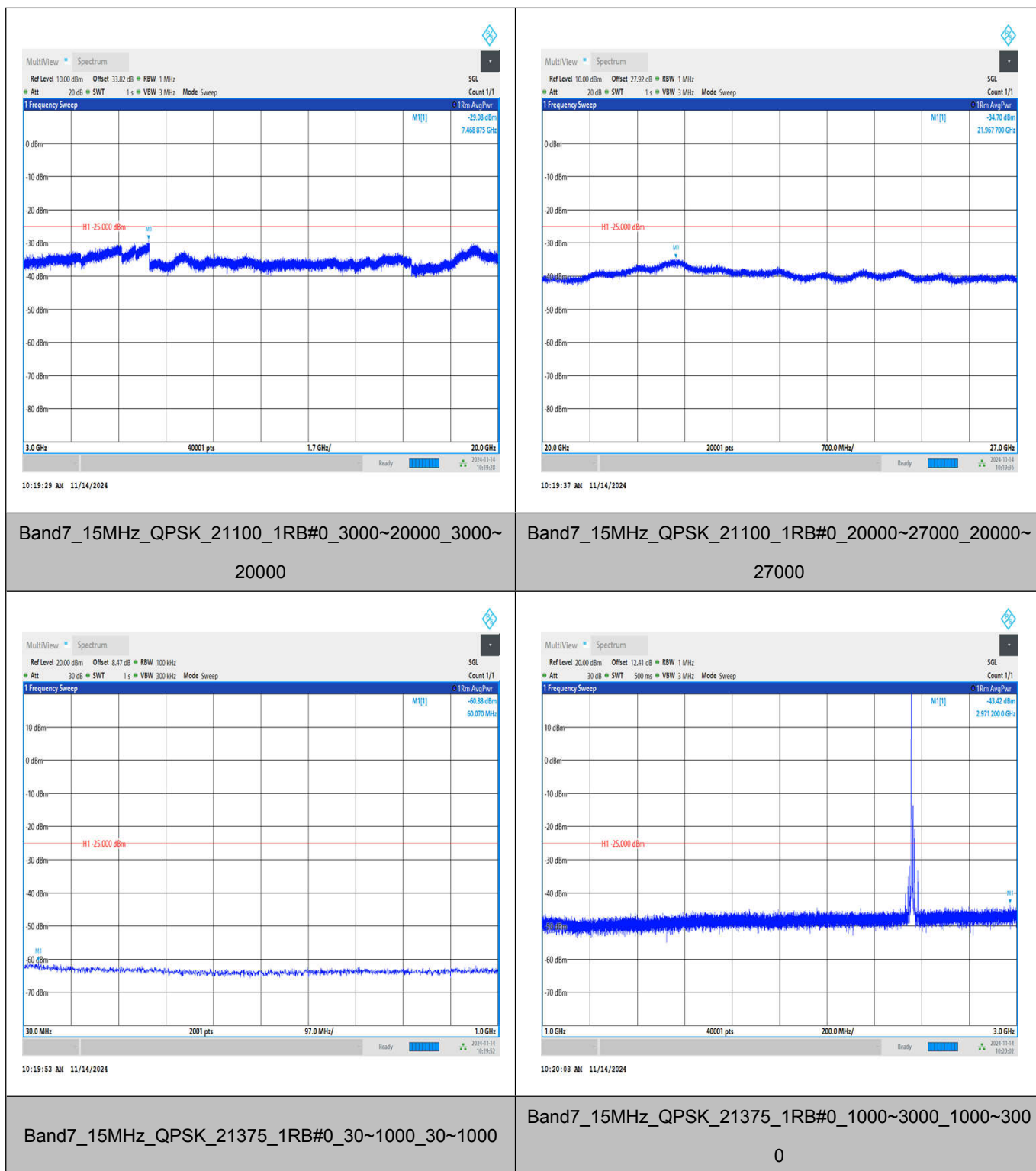


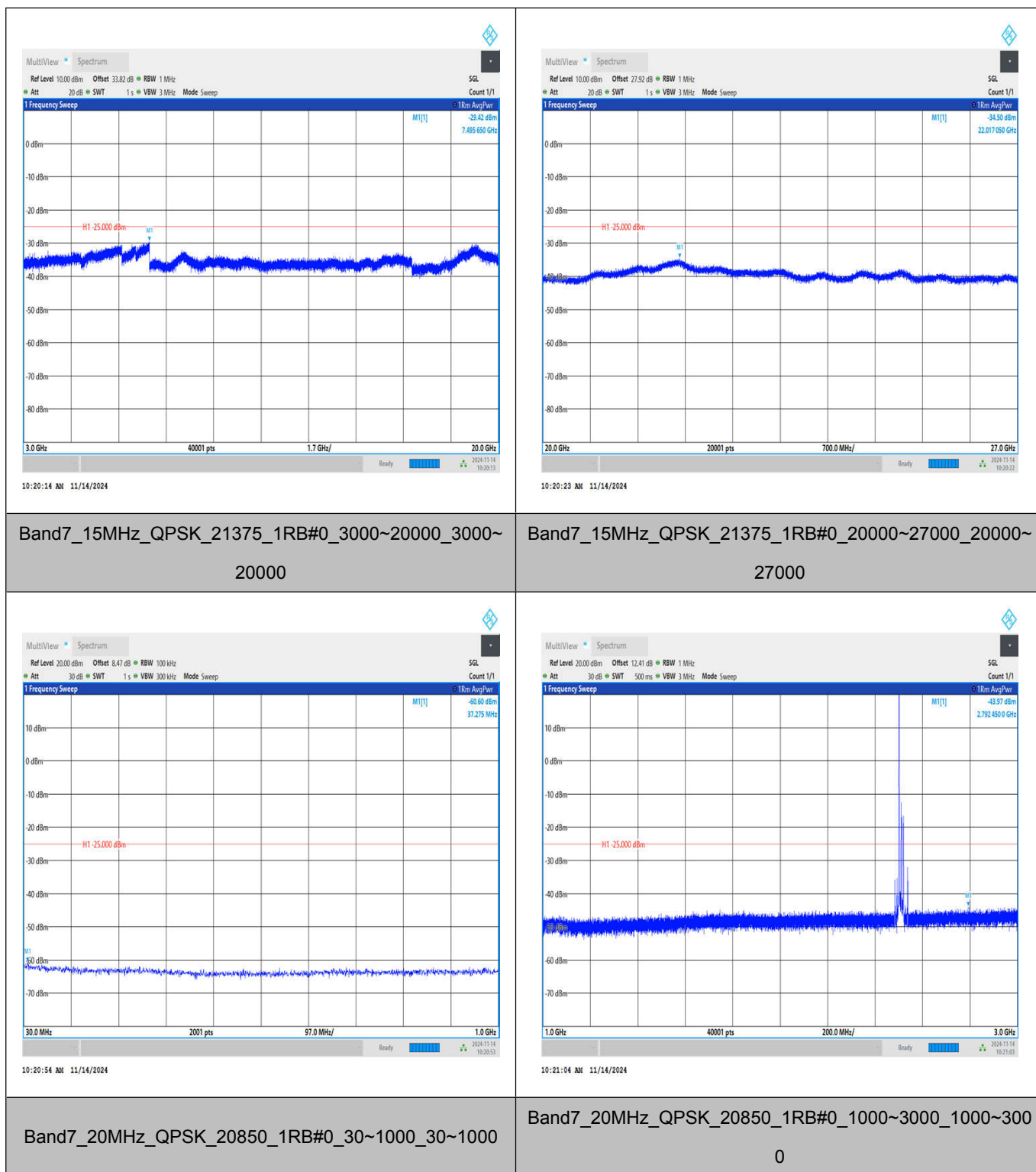


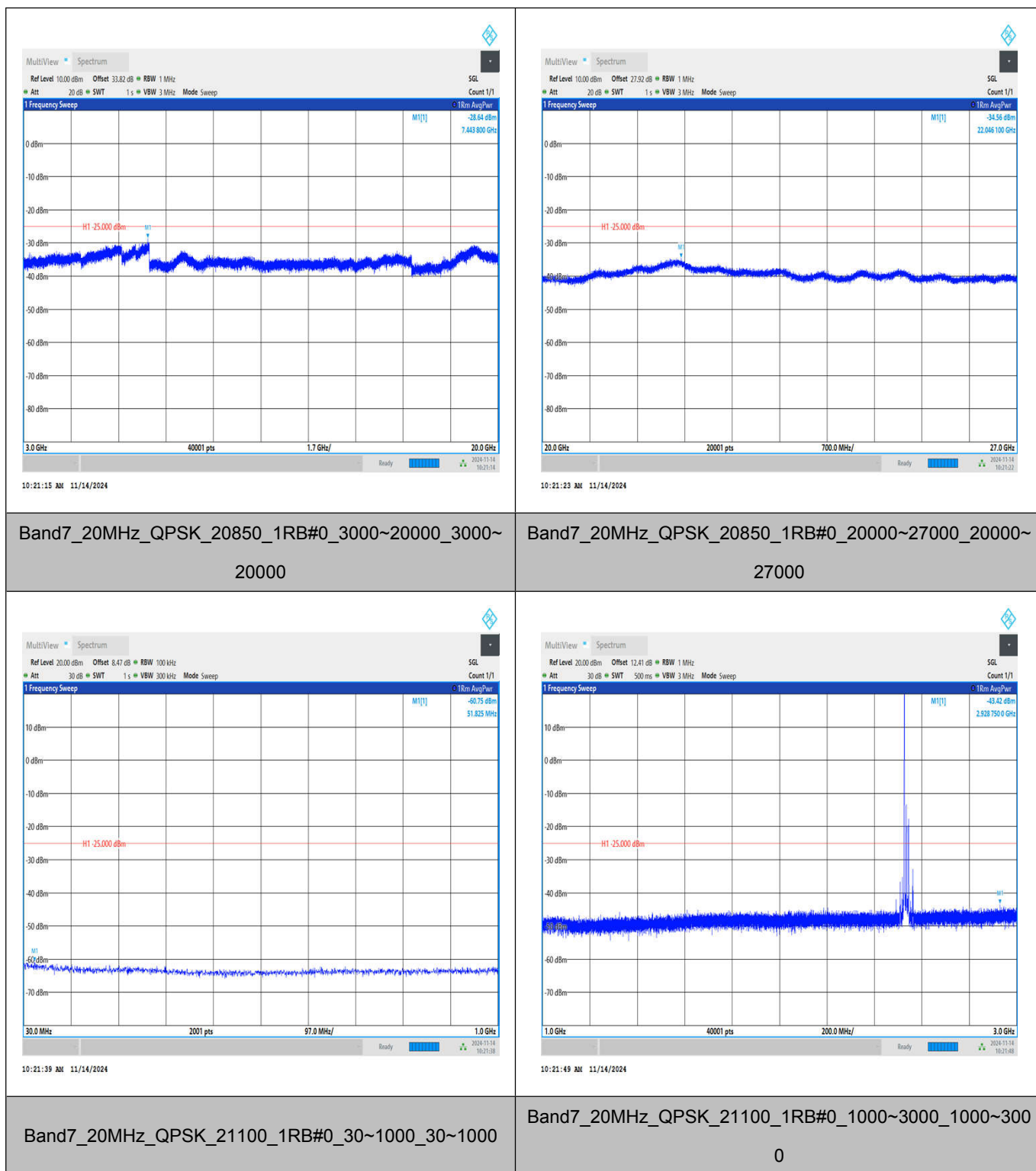


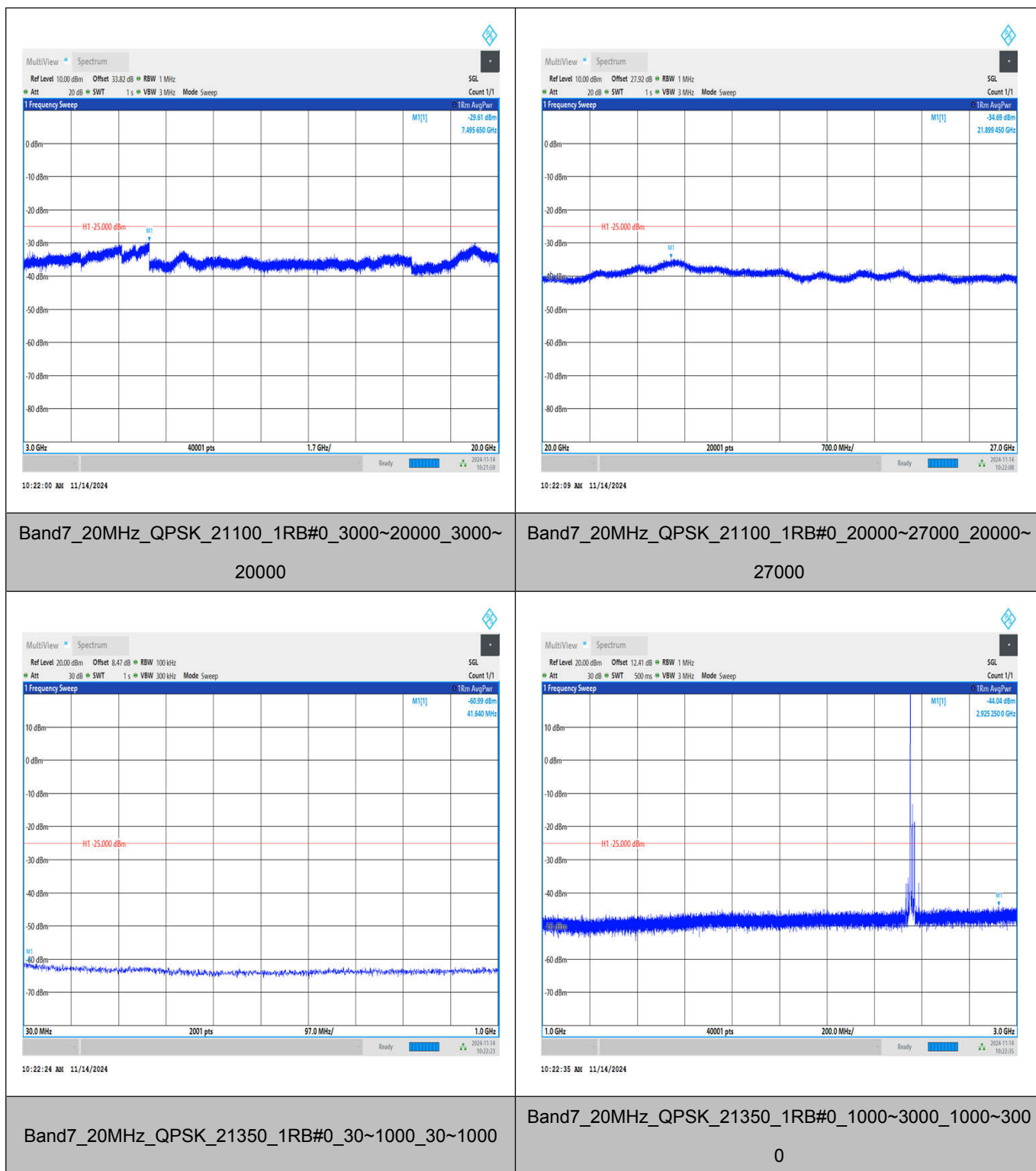


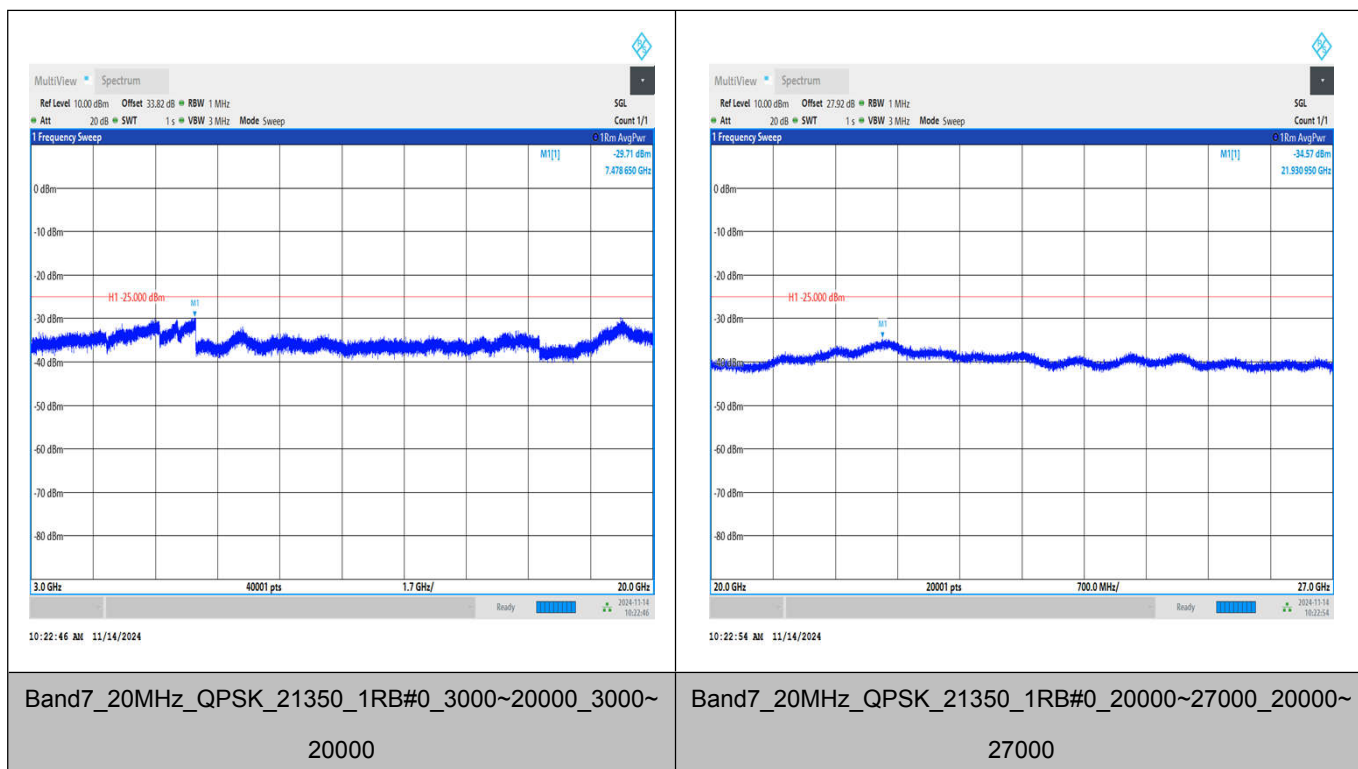












1.6 Frequency Stability

1.6.1 Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	5.10	0.002038	±2.5
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	4.90	0.001958	±2.5
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	3.10	0.001239	±2.5
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-0.90	-0.000355	±2.5
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-3.10	-0.001223	±2.5
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	0.40	0.000158	±2.5
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	2.50	0.000974	±2.5
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	0.50	0.000195	±2.5
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-1.40	-0.000545	±2.5
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-6.40	-0.002555	±2.5
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-2.10	-0.000838	±2.5
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-3.80	-0.001517	±2.5
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-4.40	-0.001736	±2.5
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-2.20	-0.000868	±2.5
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-1.00	-0.000394	±2.5
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-3.20	-0.001248	±2.5
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-4.10	-0.001598	±2.5
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-2.20	-0.000858	±2.5
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	0.90	0.000359	±2.5
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	1.40	0.000558	±2.5
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	1.00	0.000399	±2.5
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-4.40	-0.001736	±2.5
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-0.60	-0.000237	±2.5
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-3.70	-0.001460	±2.5
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	3.20	0.001249	±2.5
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	4.30	0.001678	±2.5
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	2.80	0.001093	±2.5

Band7	20MHz	QPSK	20850	100RB#0	VN	NT	1.20	0.000478	±2.5
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	2.30	0.000916	±2.5
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	3.00	0.001195	±2.5
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-4.90	-0.001933	±2.5
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-4.80	-0.001893	±2.5
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-2.10	-0.000828	±2.5
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	1.50	0.000586	±2.5
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	-0.20	-0.000078	±2.5
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	1.80	0.000703	±2.5

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	1.30	0.000519	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	3.40	0.001359	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	-10	3.30	0.001319	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	0	2.90	0.001159	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	10	4.40	0.001758	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	20	4.20	0.001678	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	30	1.90	0.000759	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	40	2.20	0.000879	±2.5
Band7	5MHz	QPSK	20775	25RB#0	NV	50	3.10	0.001239	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-0.20	-0.000079	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-1.90	-0.000750	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	-10	-1.00	-0.000394	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-0.50	-0.000197	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-0.20	-0.000079	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	20	0.20	0.000079	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-3.80	-0.001499	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-2.00	-0.000789	±2.5
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-3.40	-0.001341	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	3.70	0.001441	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-0.20	-0.000078	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	-10	0.20	0.000078	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	0	-0.30	-0.000117	±2.5

Band7	5MHz	QPSK	21425	25RB#0	NV	10	1.80	0.000701	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-1.20	-0.000467	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	30	1.60	0.000623	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	40	-1.70	-0.000662	±2.5
Band7	5MHz	QPSK	21425	25RB#0	NV	50	1.50	0.000584	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	0.20	0.000080	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-4.60	-0.001836	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	-10	-1.10	-0.000439	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-3.60	-0.001437	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-3.40	-0.001357	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-3.40	-0.001357	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-2.90	-0.001158	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-2.90	-0.001158	±2.5
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-0.50	-0.000200	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-1.20	-0.000473	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-1.30	-0.000513	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	-10	-0.40	-0.000158	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-3.80	-0.001499	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-1.20	-0.000473	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-1.00	-0.000394	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-0.60	-0.000237	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-2.10	-0.000828	±2.5
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-2.00	-0.000789	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-2.00	-0.000780	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-3.60	-0.001404	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	-10	-3.80	-0.001481	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-0.80	-0.000312	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-7.40	-0.002885	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-3.70	-0.001442	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-4.00	-0.001559	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	40	0.20	0.000078	±2.5
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-2.50	-0.000975	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-0.10	-0.000040	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-0.30	-0.000120	±2.5

Band7	15MHz	QPSK	20825	75RB#0	NV	-10	2.80	0.001117	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	0	0.60	0.000239	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	10	0.20	0.000080	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	20	1.20	0.000479	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-0.40	-0.000160	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-1.40	-0.000558	±2.5
Band7	15MHz	QPSK	20825	75RB#0	NV	50	0.80	0.000319	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-1.40	-0.000552	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-3.40	-0.001341	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-2.80	-0.001105	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-4.90	-0.001933	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-2.10	-0.000828	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-3.20	-0.001262	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-4.30	-0.001696	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-3.40	-0.001341	±2.5
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-0.60	-0.000237	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-0.40	-0.000156	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	2.10	0.000820	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	3.80	0.001483	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	0	3.50	0.001366	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	10	1.60	0.000624	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	20	2.20	0.000859	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	30	2.70	0.001054	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	40	3.30	0.001288	±2.5
Band7	15MHz	QPSK	21375	75RB#0	NV	50	0.50	0.000195	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	1.10	0.000438	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	1.10	0.000438	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	1.80	0.000717	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	0	1.70	0.000677	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	10	2.40	0.000956	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	20	2.30	0.000916	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	30	3.50	0.001394	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	40	1.20	0.000478	±2.5
Band7	20MHz	QPSK	20850	100RB#0	NV	50	0.60	0.000239	±2.5

Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-1.30	-0.000513	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-3.50	-0.001381	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-2.70	-0.001065	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-1.40	-0.000552	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-3.10	-0.001223	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-0.20	-0.000079	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-4.00	-0.001578	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-2.30	-0.000907	±2.5
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-6.10	-0.002406	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	2.20	0.000859	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	0.20	0.000078	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	0.10	0.000039	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	0	1.90	0.000742	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	10	3.00	0.001172	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	20	1.20	0.000469	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	30	1.90	0.000742	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-0.70	-0.000273	±2.5
Band7	20MHz	QPSK	21350	100RB#0	NV	50	0.90	0.000352	±2.5