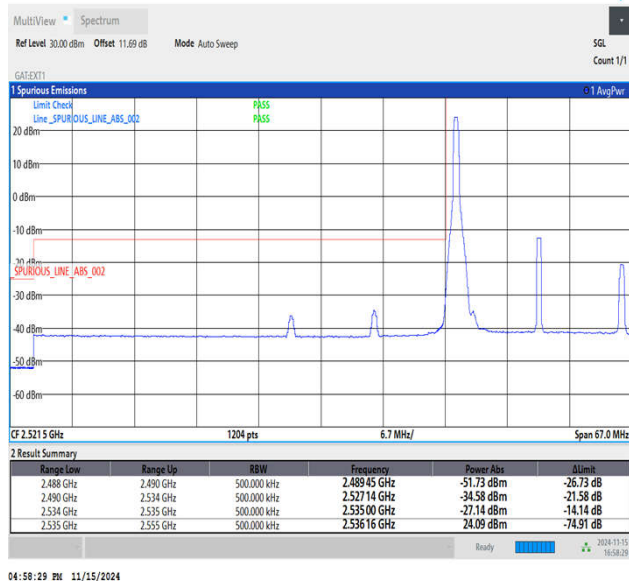
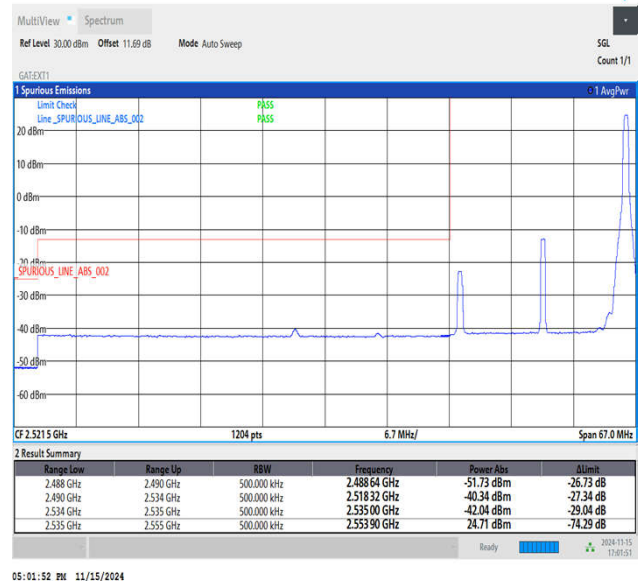




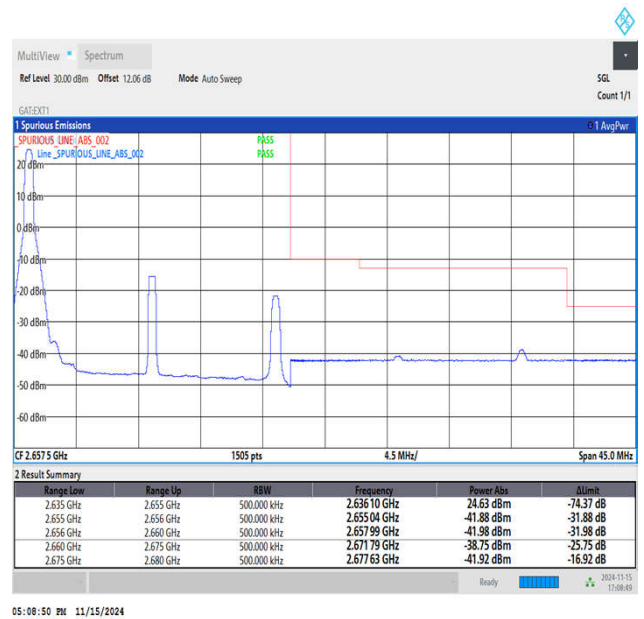
Band41_20MHz_QPSK_40140_1RB#0



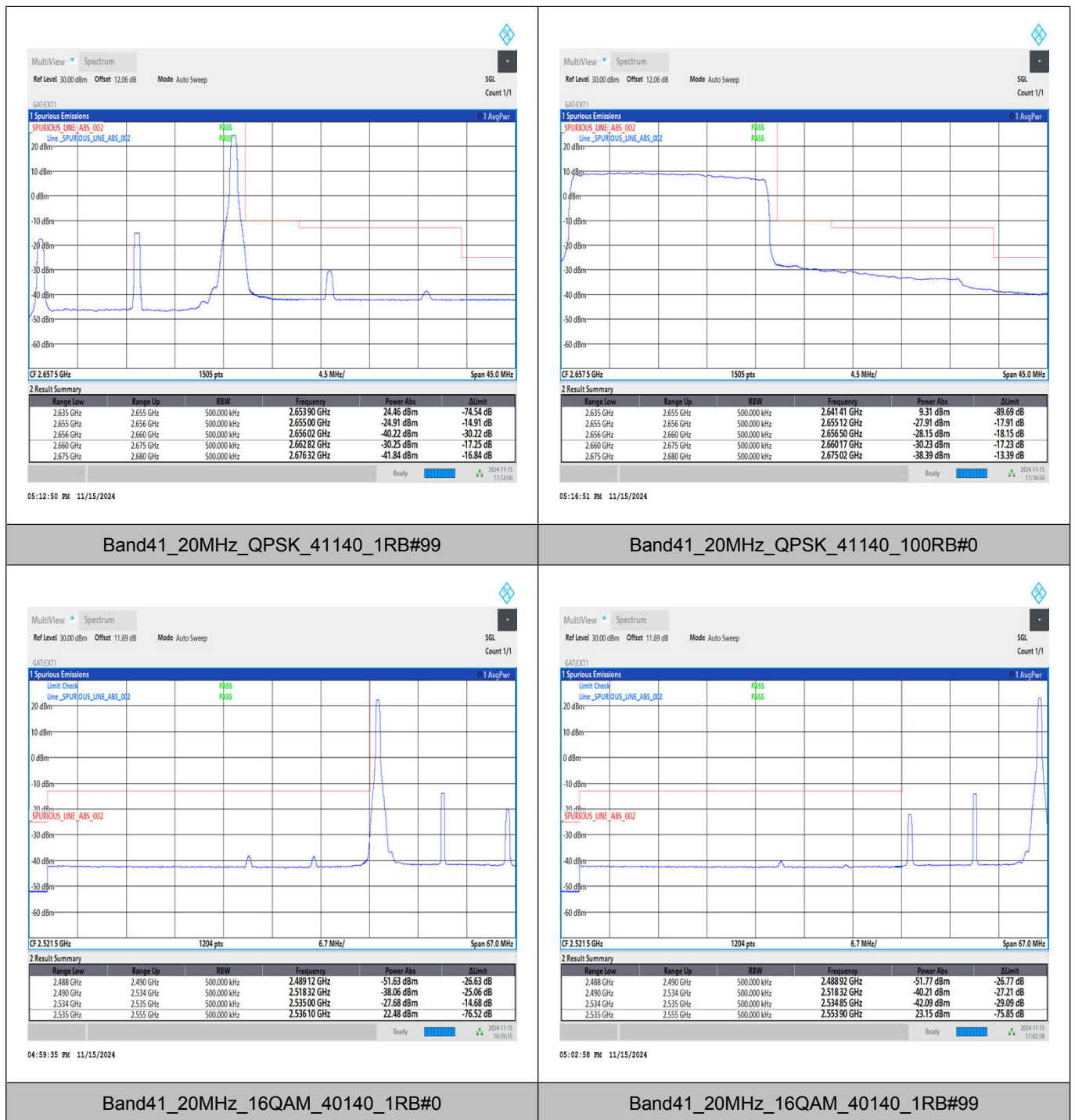
Band41_20MHz_QPSK_40140_1RB#99

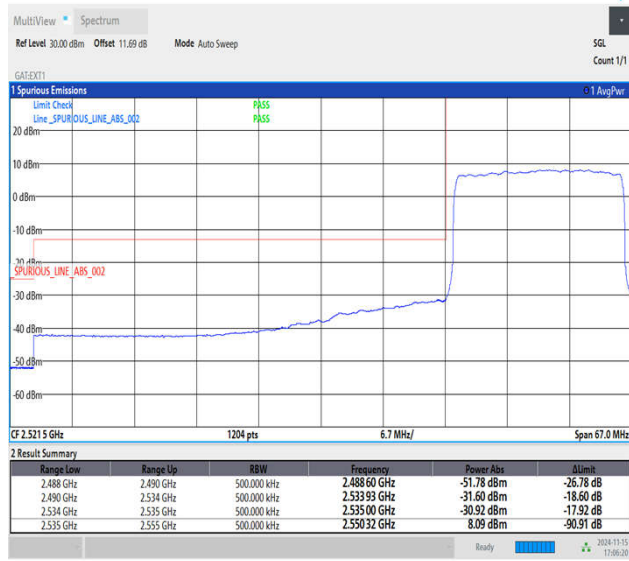


Band41_20MHz_QPSK_40140_100RB#0



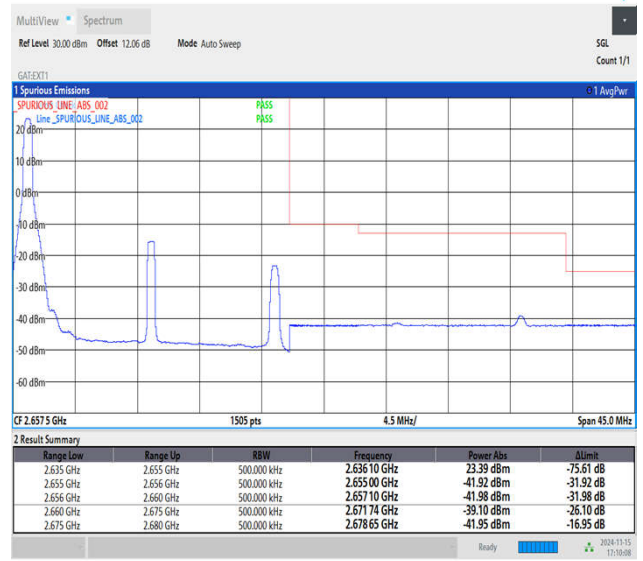
Band41_20MHz_QPSK_41140_1RB#0





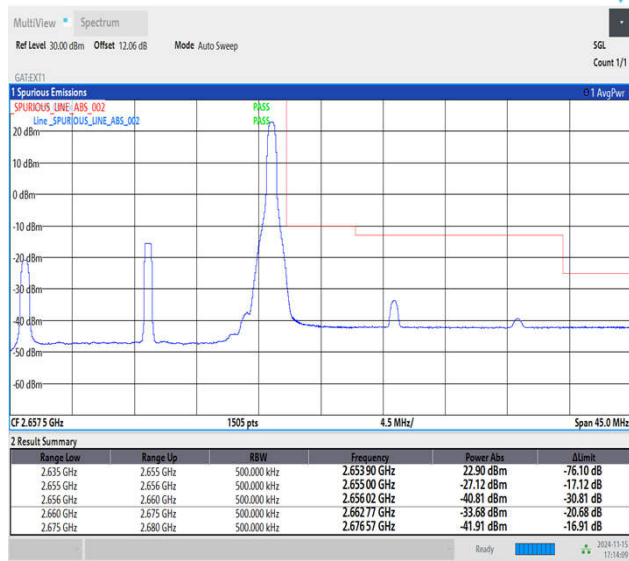
05:06:21 PM 11/15/2024

Band41_20MHz_16QAM_40140_100RB#0



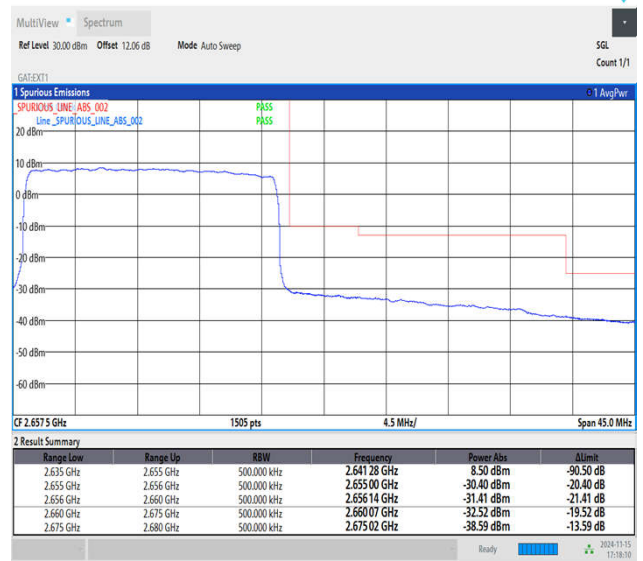
05:10:06 PM 11/15/2024

Band41_20MHz_16QAM_41140_1RB#0



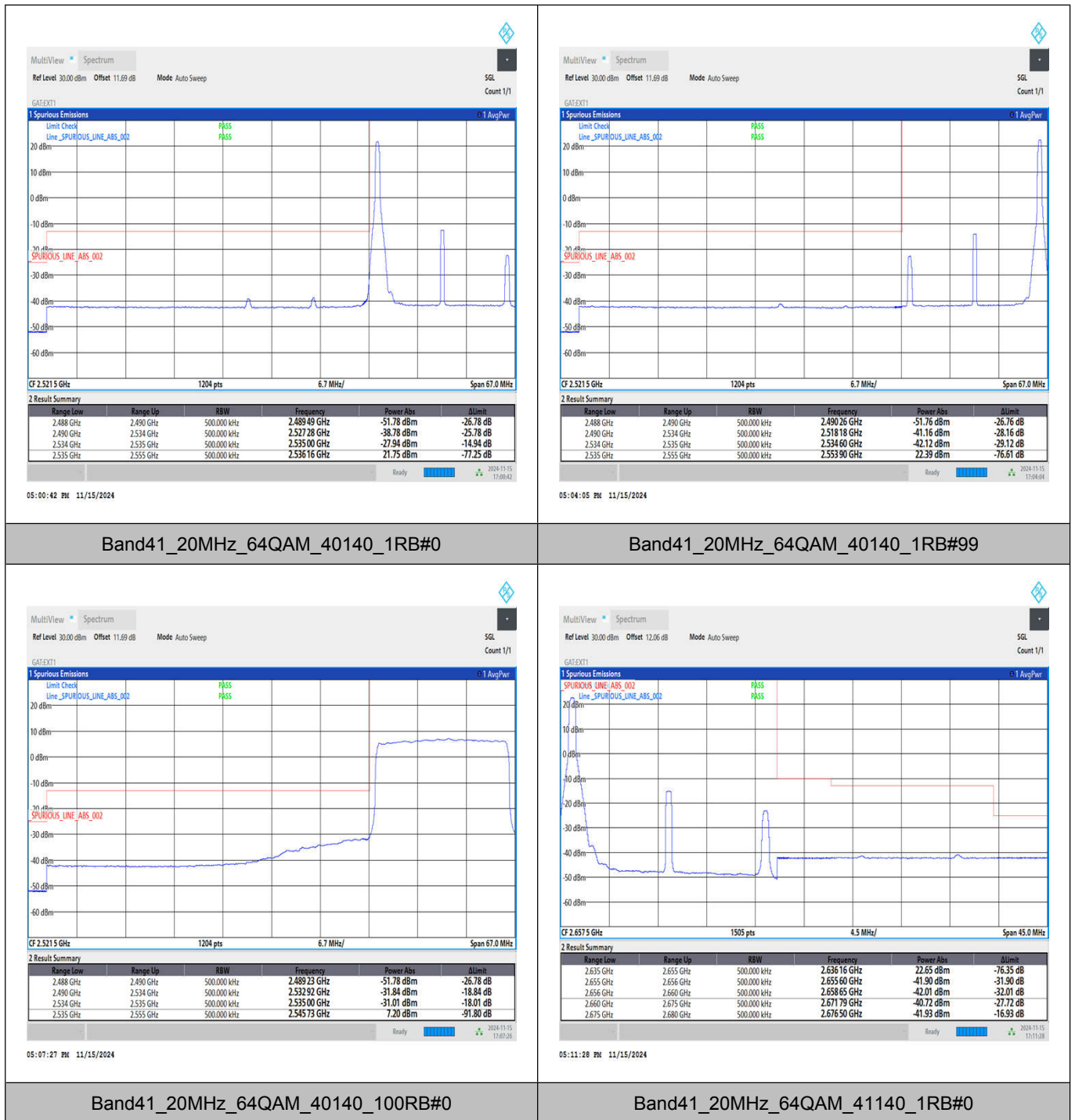
05:14:10 PM 11/15/2024

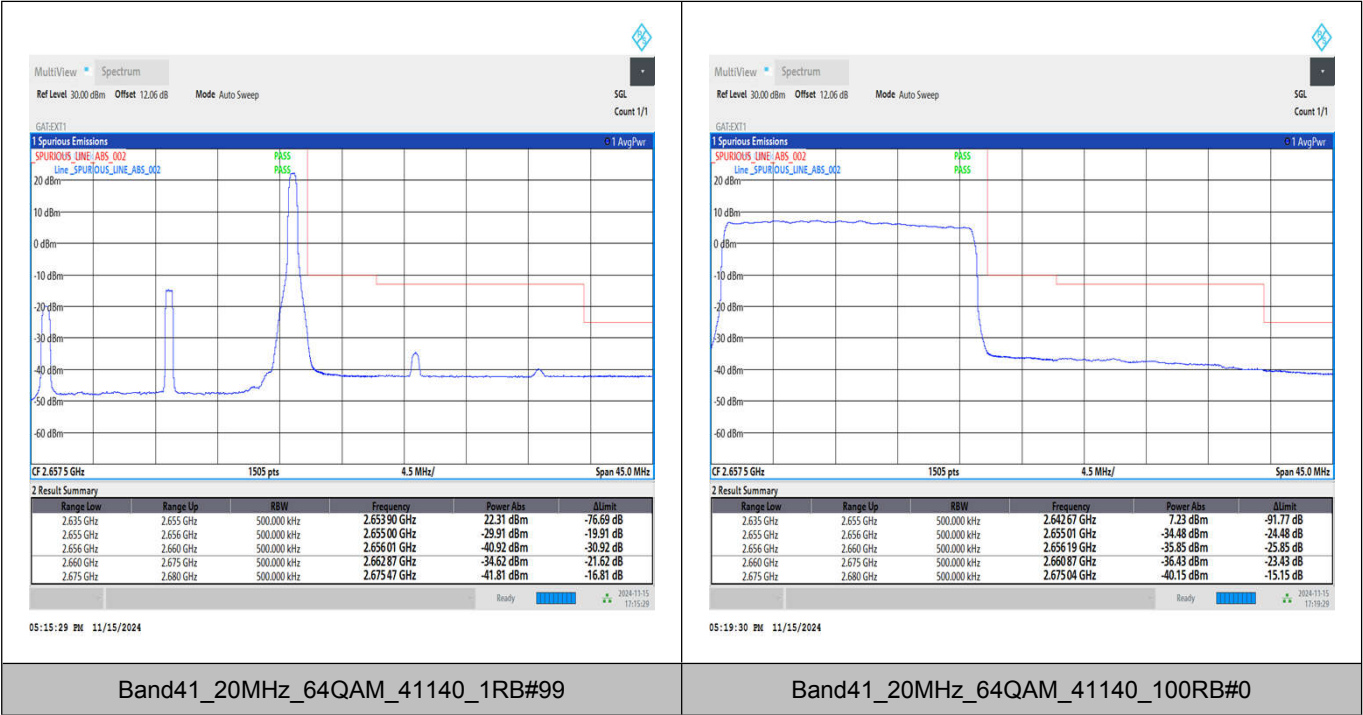
Band41_20MHz_16QAM_41140_1RB#99



05:18:10 PM 11/15/2024

Band41_20MHz_16QAM_41140_100RB#0





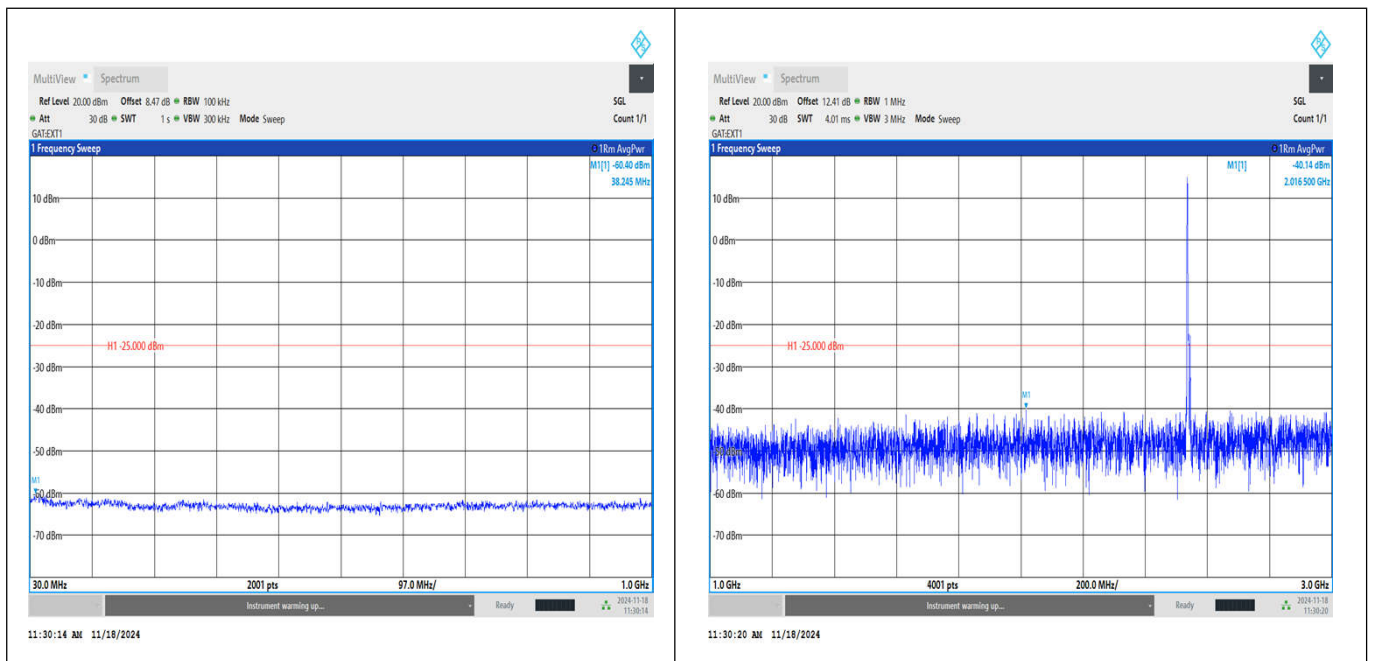
1.5 Conducted Spurious Emission

1.5.1 Test Result

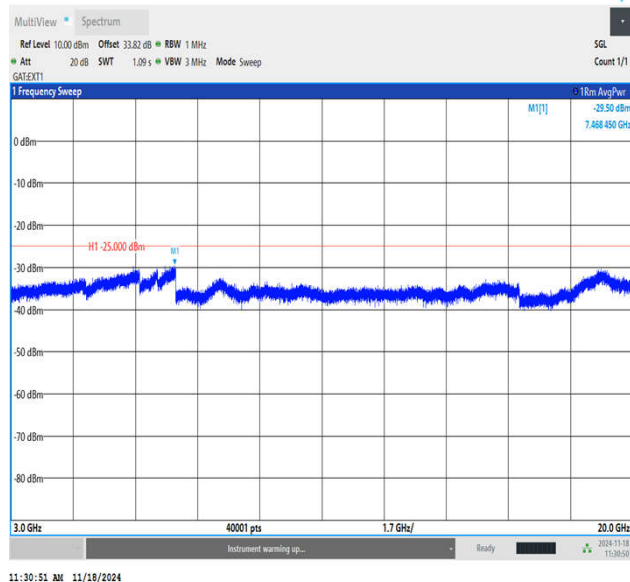
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
41(2535-2655)	5MHz	QPSK	40065	1RB#0	30~1000	-60.40	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#0	1000~3000	-40.14	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#0	3000~20000	-29.50	PASS
41(2535-2655)	5MHz	QPSK	40065	1RB#0	20000~27000	-34.59	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#0	30~1000	-60.01	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#0	1000~3000	-38.83	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#0	3000~20000	-29.47	PASS
41(2535-2655)	5MHz	QPSK	40590	1RB#0	20000~27000	-34.56	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	30~1000	-60.08	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	1000~3000	-39.52	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	3000~20000	-29.12	PASS
41(2535-2655)	5MHz	QPSK	41215	1RB#0	20000~27000	-34.77	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#0	30~1000	-60.16	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#0	1000~3000	-38.92	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#0	3000~20000	-29.08	PASS
41(2535-2655)	10MHz	QPSK	40090	1RB#0	20000~27000	-34.00	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#0	30~1000	-60.05	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#0	1000~3000	-40.48	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#0	3000~20000	-29.48	PASS
41(2535-2655)	10MHz	QPSK	40590	1RB#0	20000~27000	-34.47	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#0	30~1000	-60.14	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#0	1000~3000	-39.28	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#0	3000~20000	-29.80	PASS
41(2535-2655)	10MHz	QPSK	41190	1RB#0	20000~27000	-34.68	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#0	30~1000	-60.16	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#0	1000~3000	-40.52	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#0	3000~20000	-29.53	PASS
41(2535-2655)	15MHz	QPSK	40115	1RB#0	20000~27000	-34.43	PASS

41(2535-2655)	15MHz	QPSK	40590	1RB#0	30~1000	-60.23	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#0	1000~3000	-40.40	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#0	3000~20000	-29.39	PASS
41(2535-2655)	15MHz	QPSK	40590	1RB#0	20000~27000	-34.27	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#0	30~1000	-59.96	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#0	1000~3000	-39.49	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#0	3000~20000	-29.19	PASS
41(2535-2655)	15MHz	QPSK	41165	1RB#0	20000~27000	-34.65	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	30~1000	-59.88	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	1000~3000	-39.50	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	3000~20000	-29.08	PASS
41(2535-2655)	20MHz	QPSK	40140	1RB#0	20000~27000	-34.71	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#0	30~1000	-59.92	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#0	1000~3000	-39.20	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#0	3000~20000	-29.18	PASS
41(2535-2655)	20MHz	QPSK	40590	1RB#0	20000~27000	-34.30	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	30~1000	-59.83	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	1000~3000	-39.15	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	3000~20000	-29.51	PASS
41(2535-2655)	20MHz	QPSK	41140	1RB#0	20000~27000	-34.57	PASS

1.5.2 Test Graphs

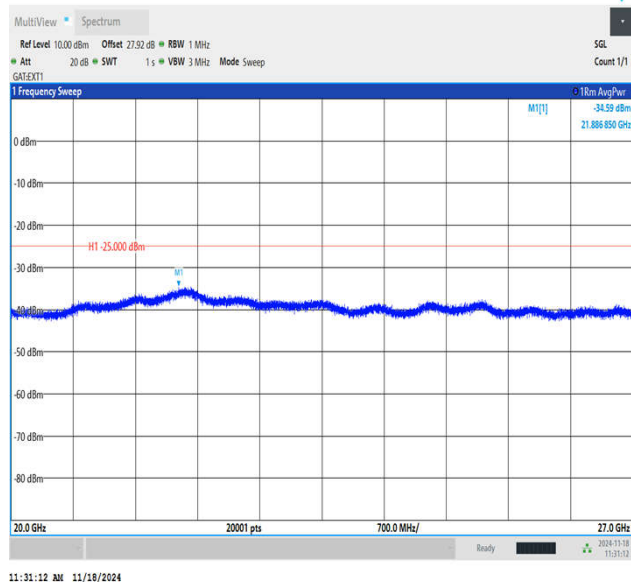


Band41_5MHz_QPSK_40065_1RB#0_30~1000_30~1000



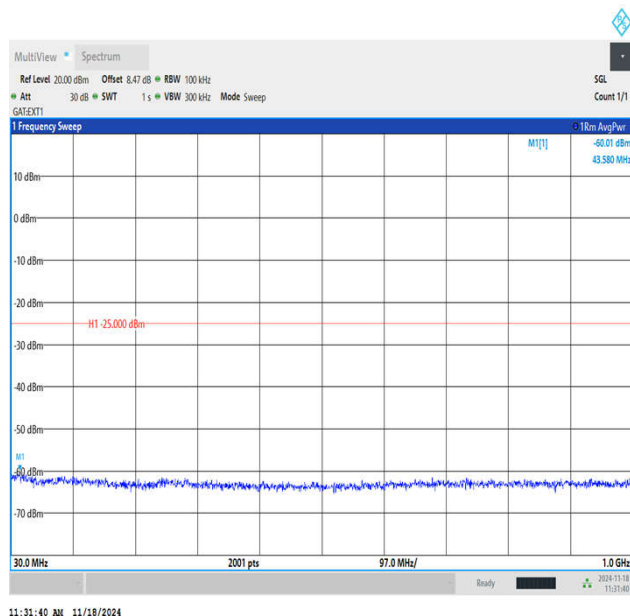
Band41_5MHz_QPSK_40065_1RB#0_1000~3000_1000~3000

0



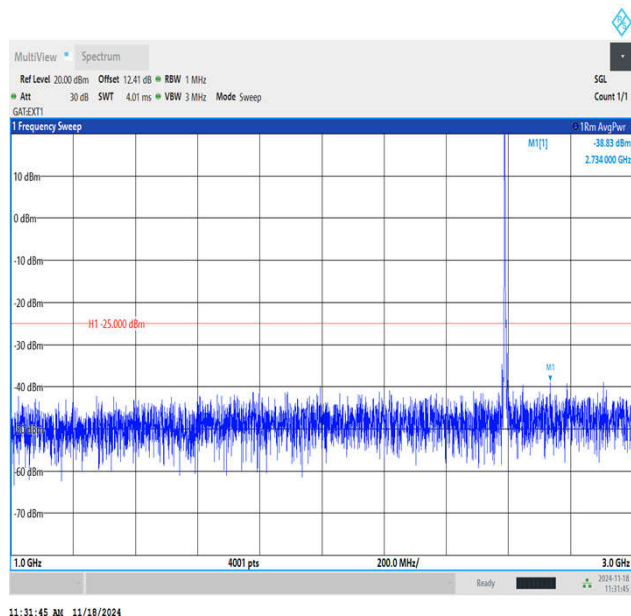
Band41_5MHz_QPSK_40065_1RB#0_3000~20000_3000~20000

20000



Band41_5MHz_QPSK_40065_1RB#0_20000~27000_20000~27000

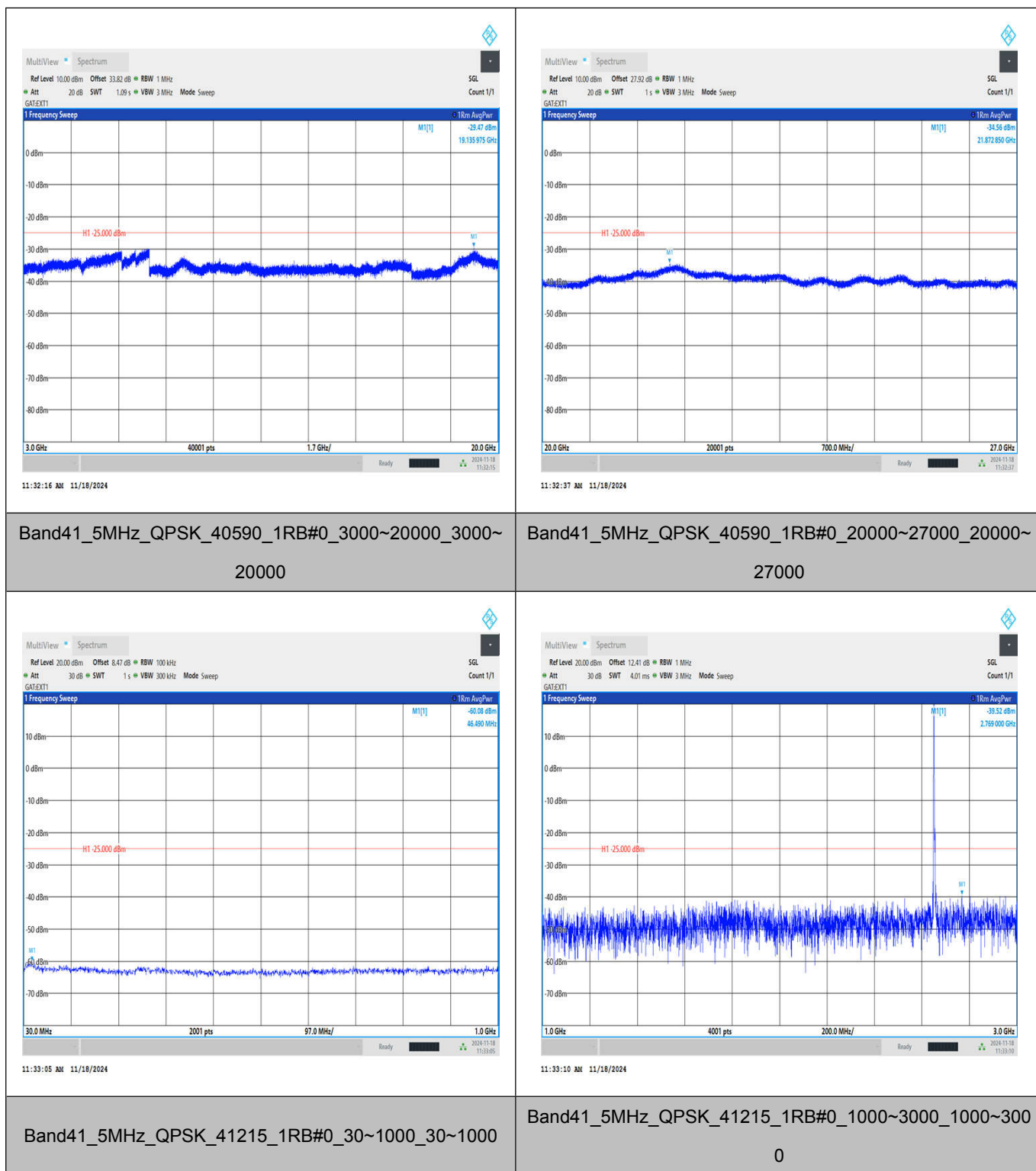
27000

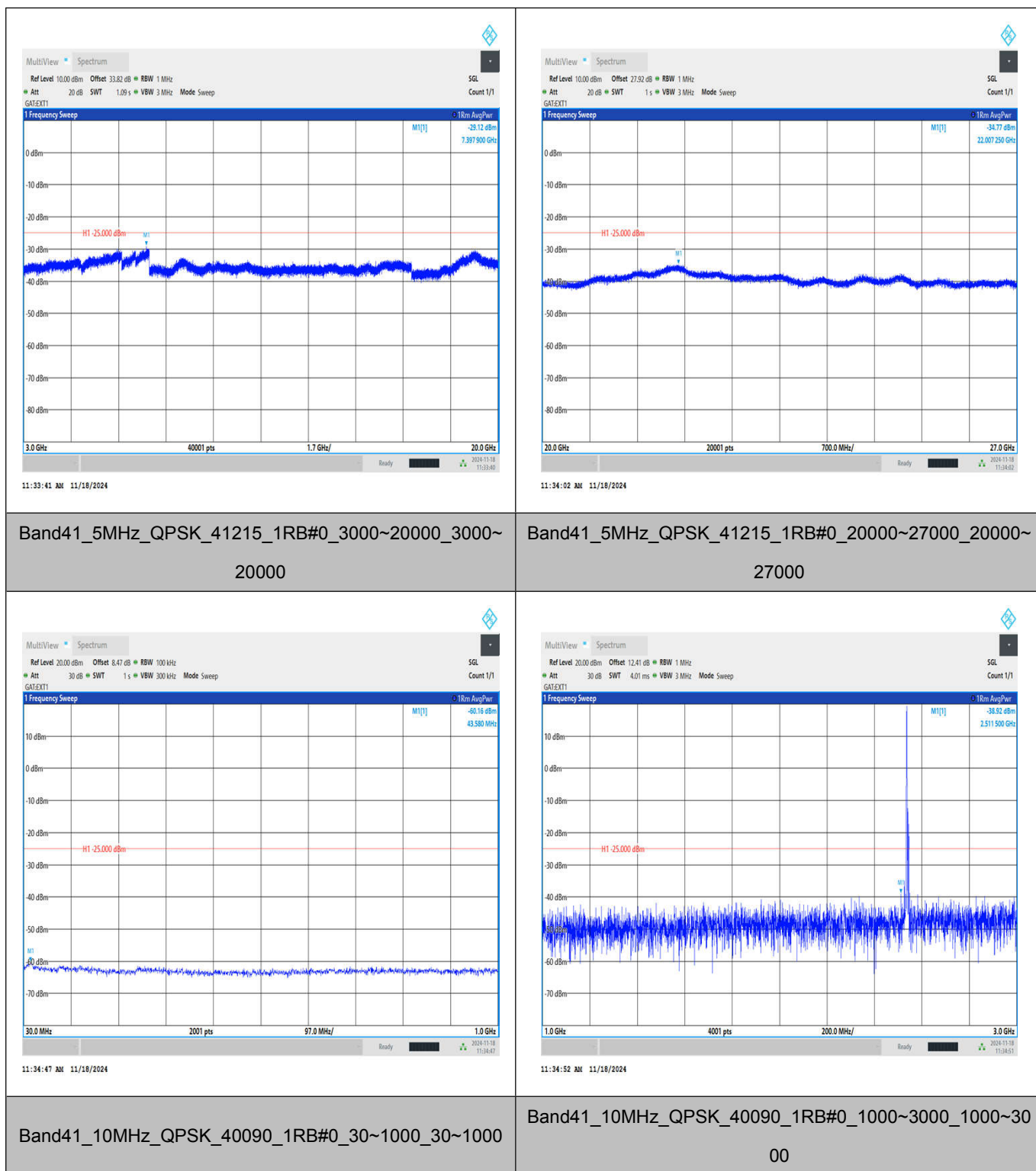


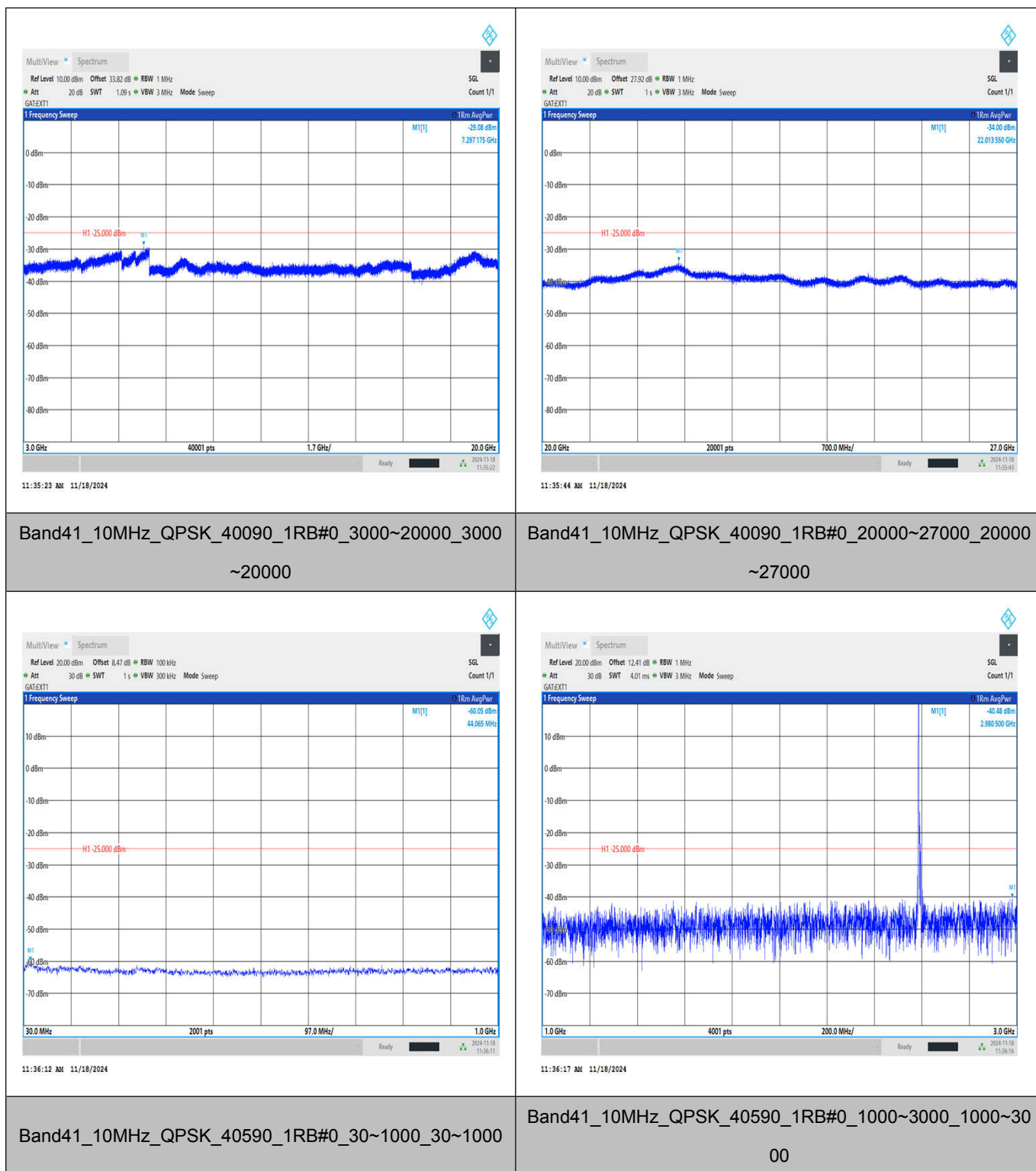
Band41_5MHz_QPSK_40590_1RB#0_30~1000_30~1000

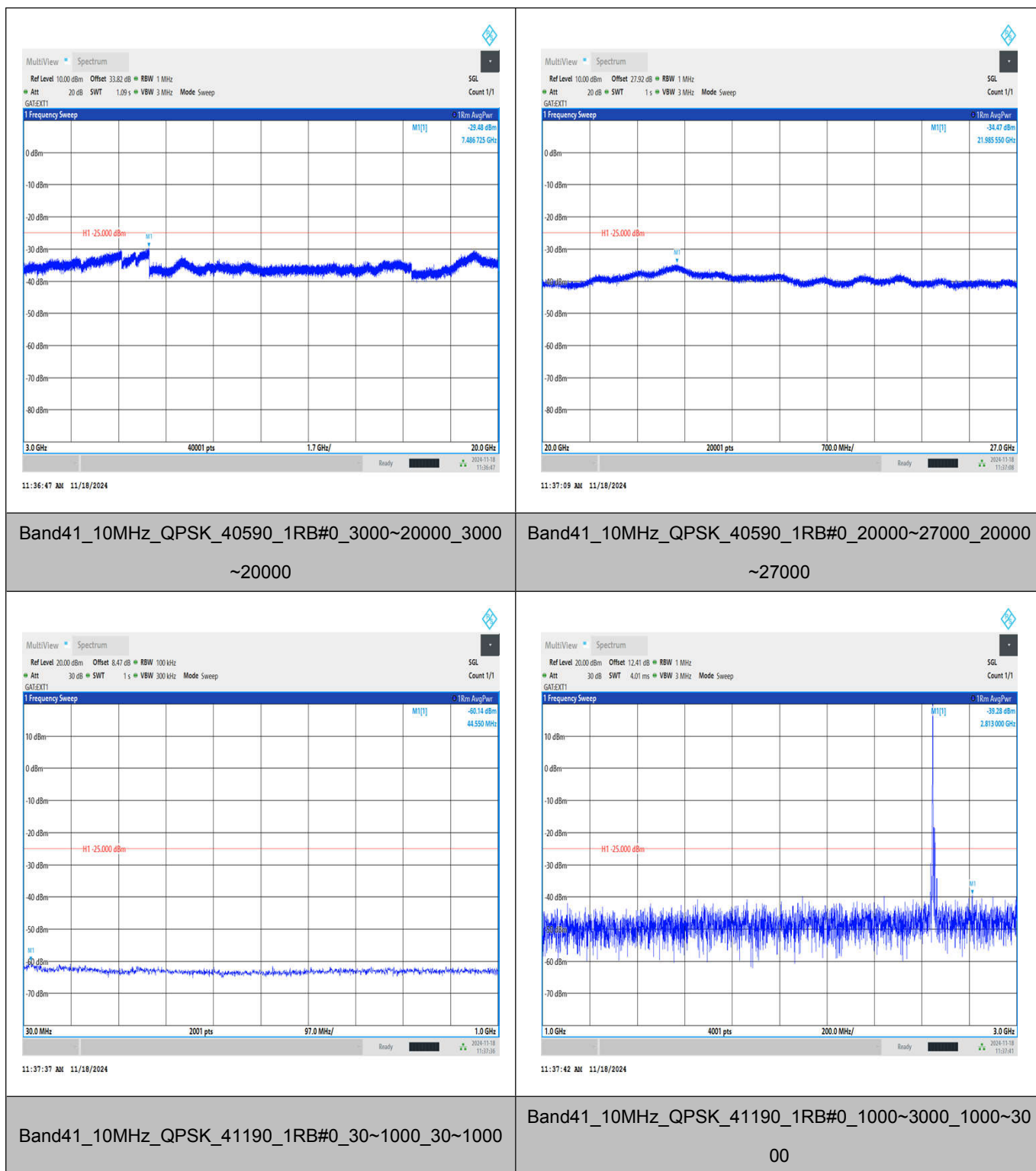
Band41_5MHz_QPSK_40590_1RB#0_1000~3000_1000~3000

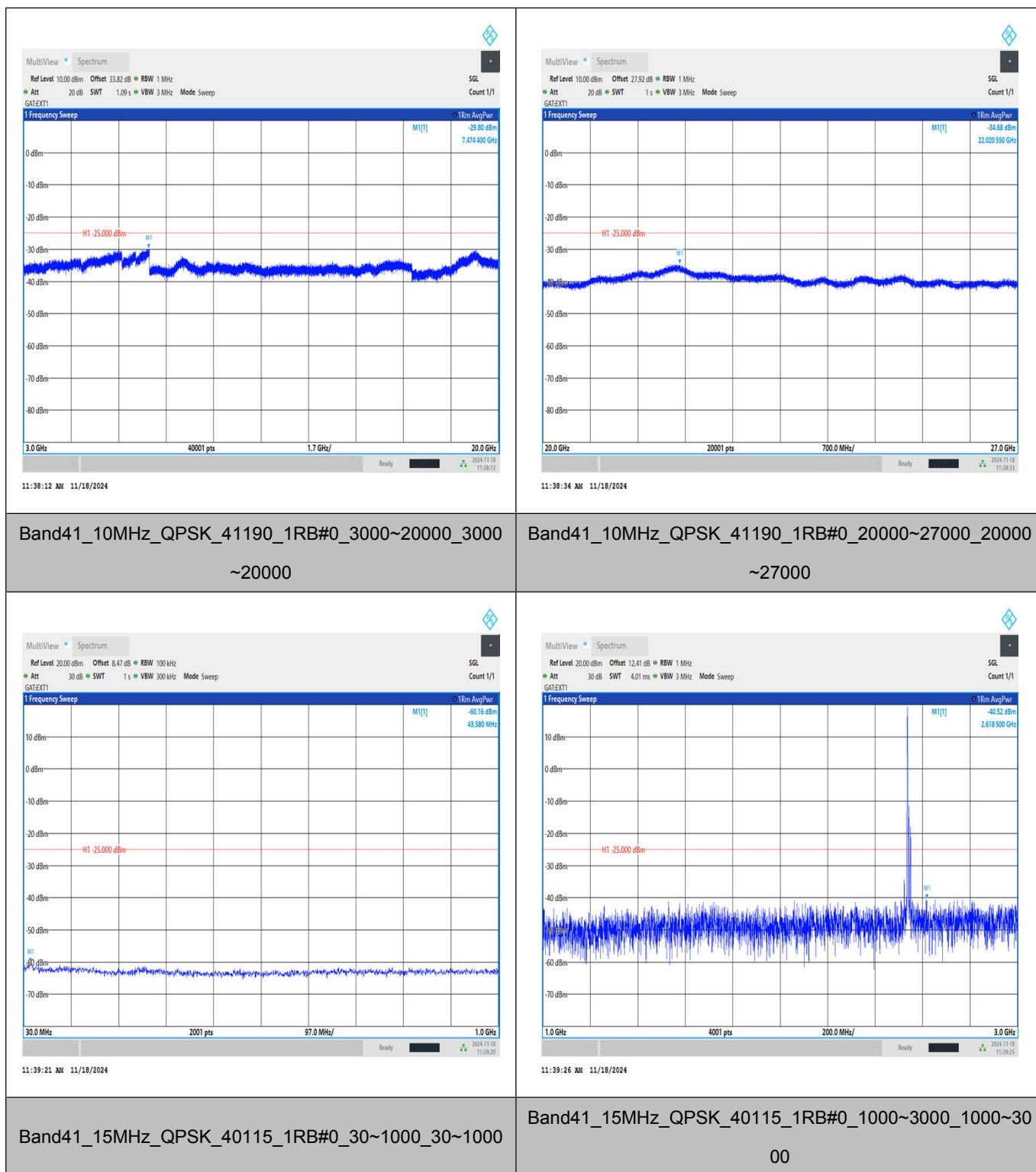
0

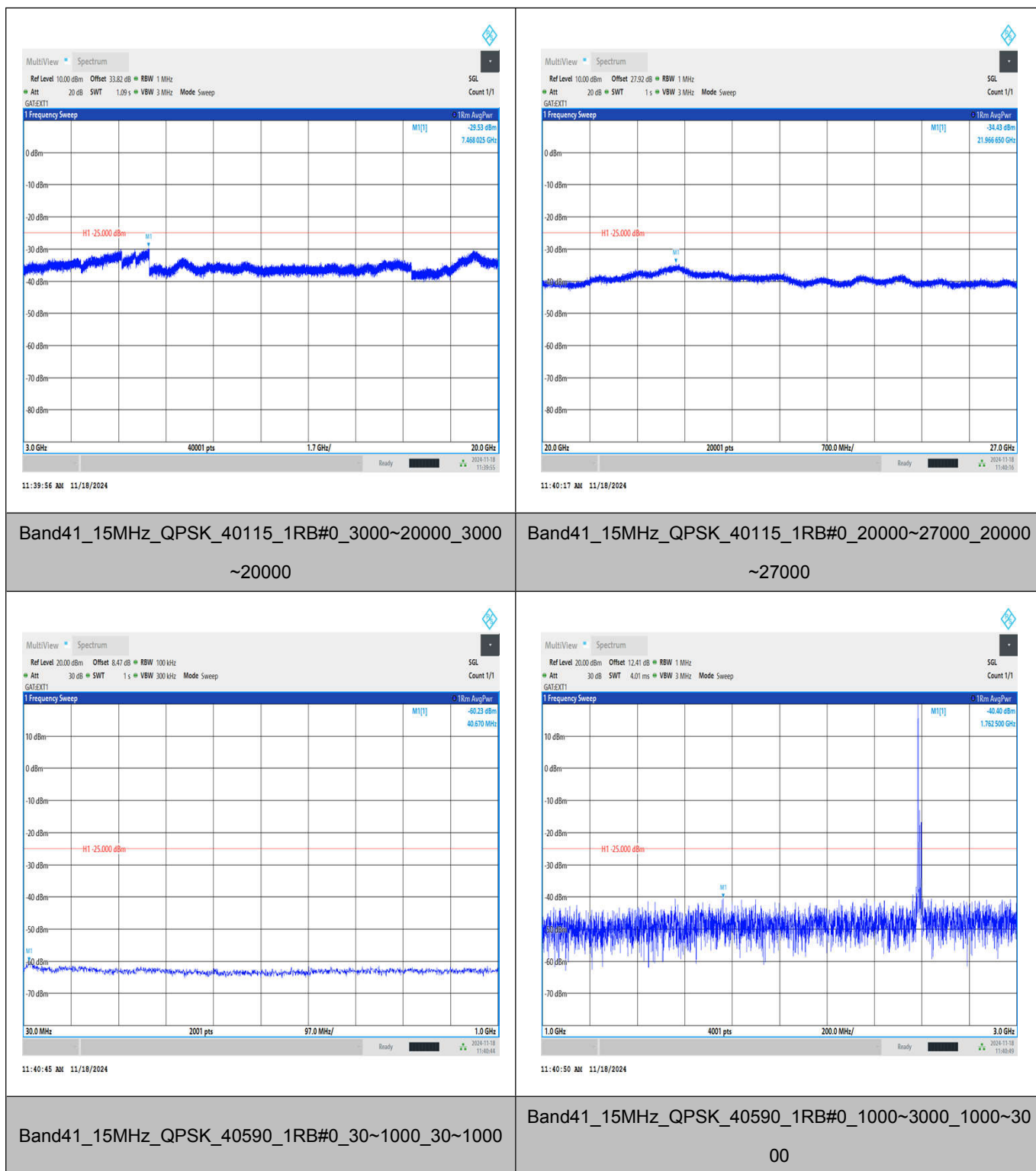


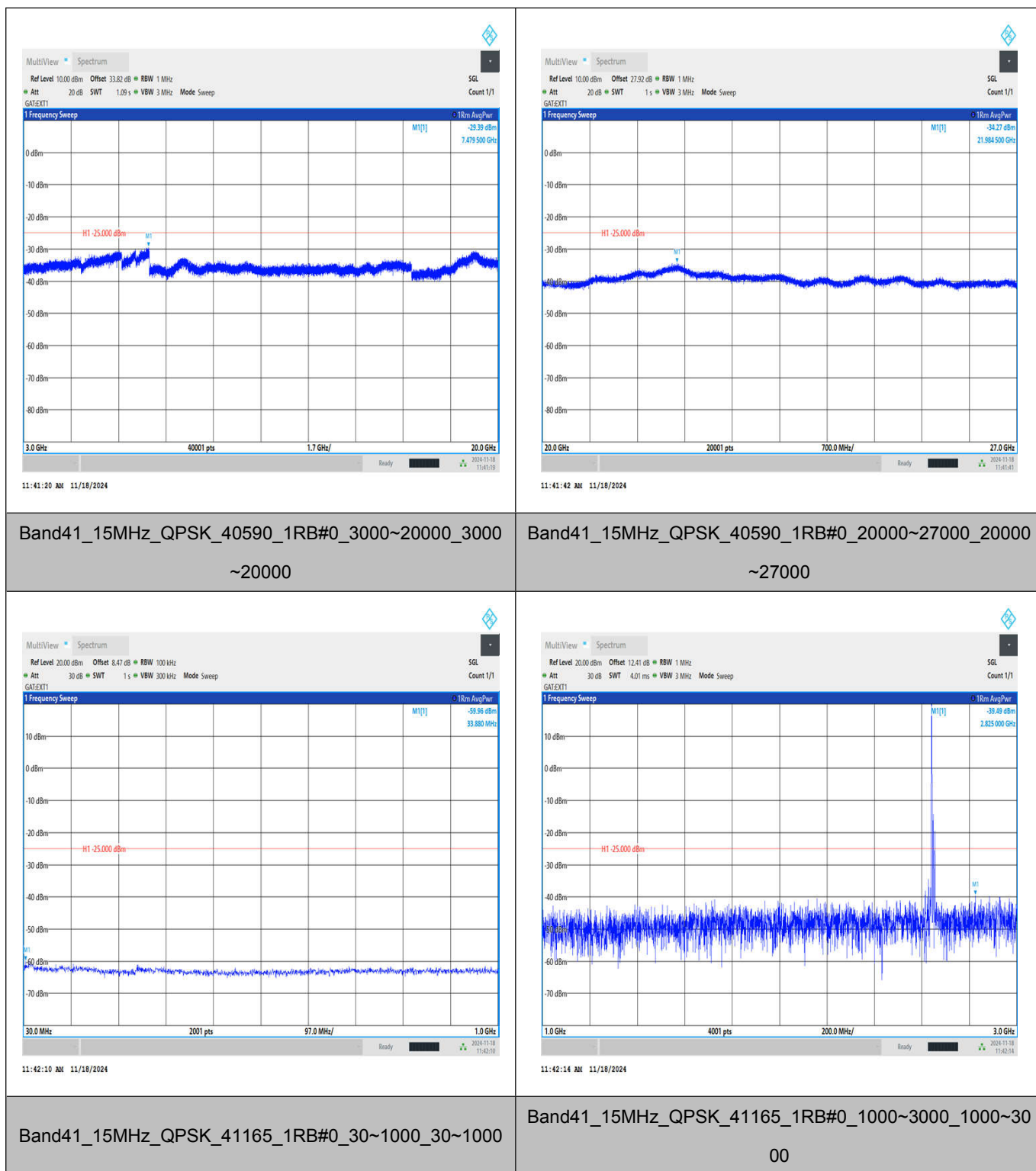


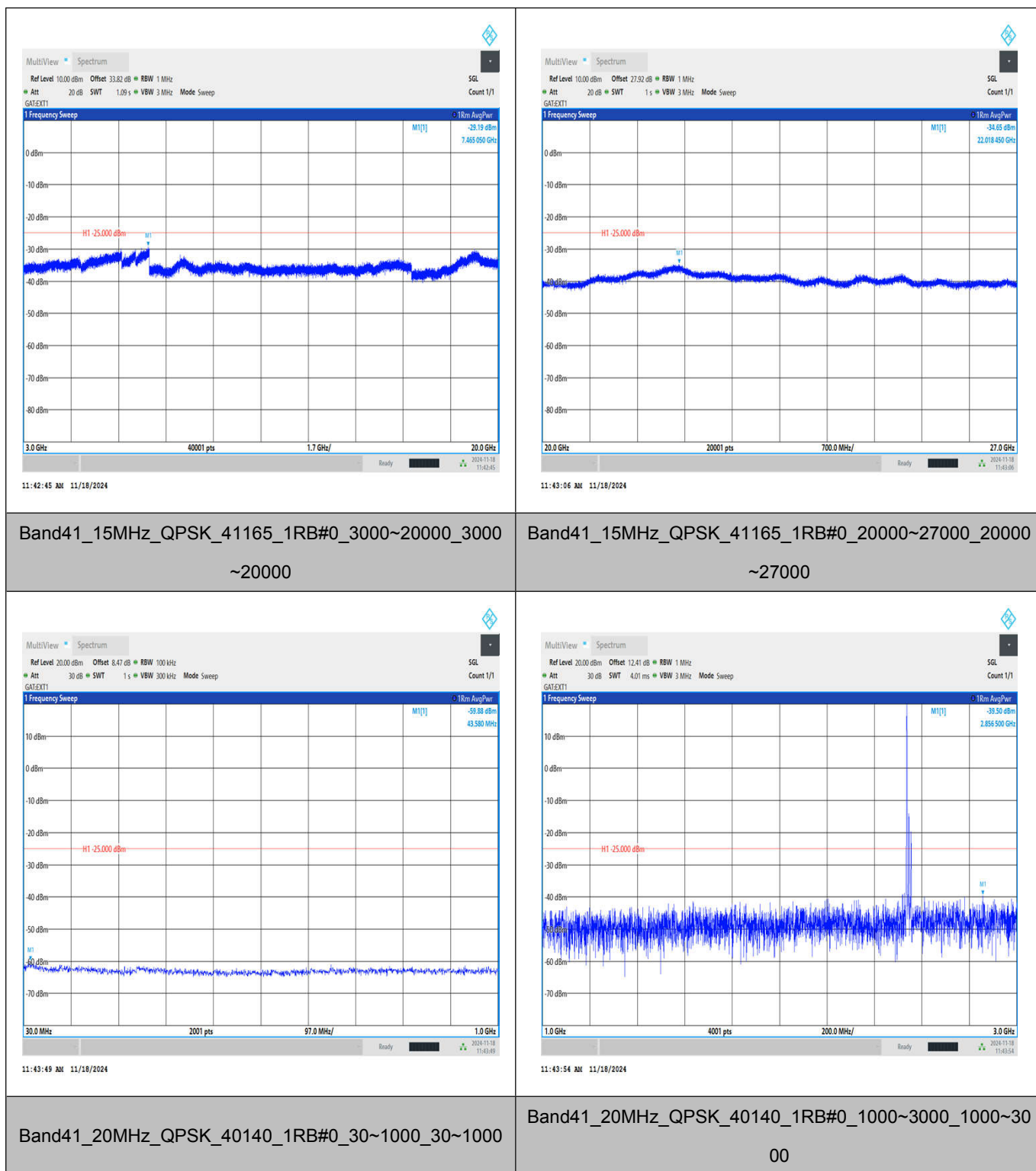


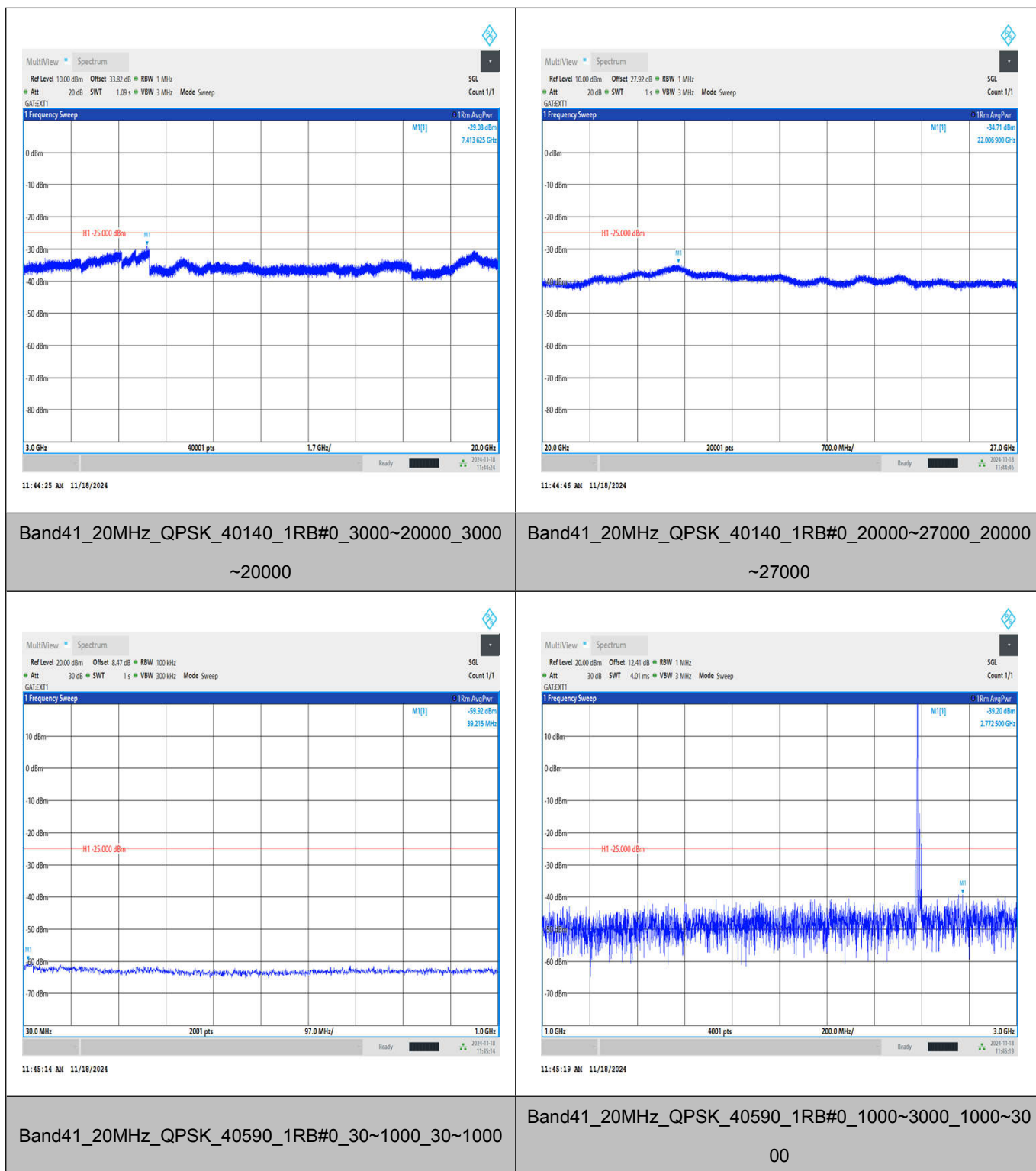


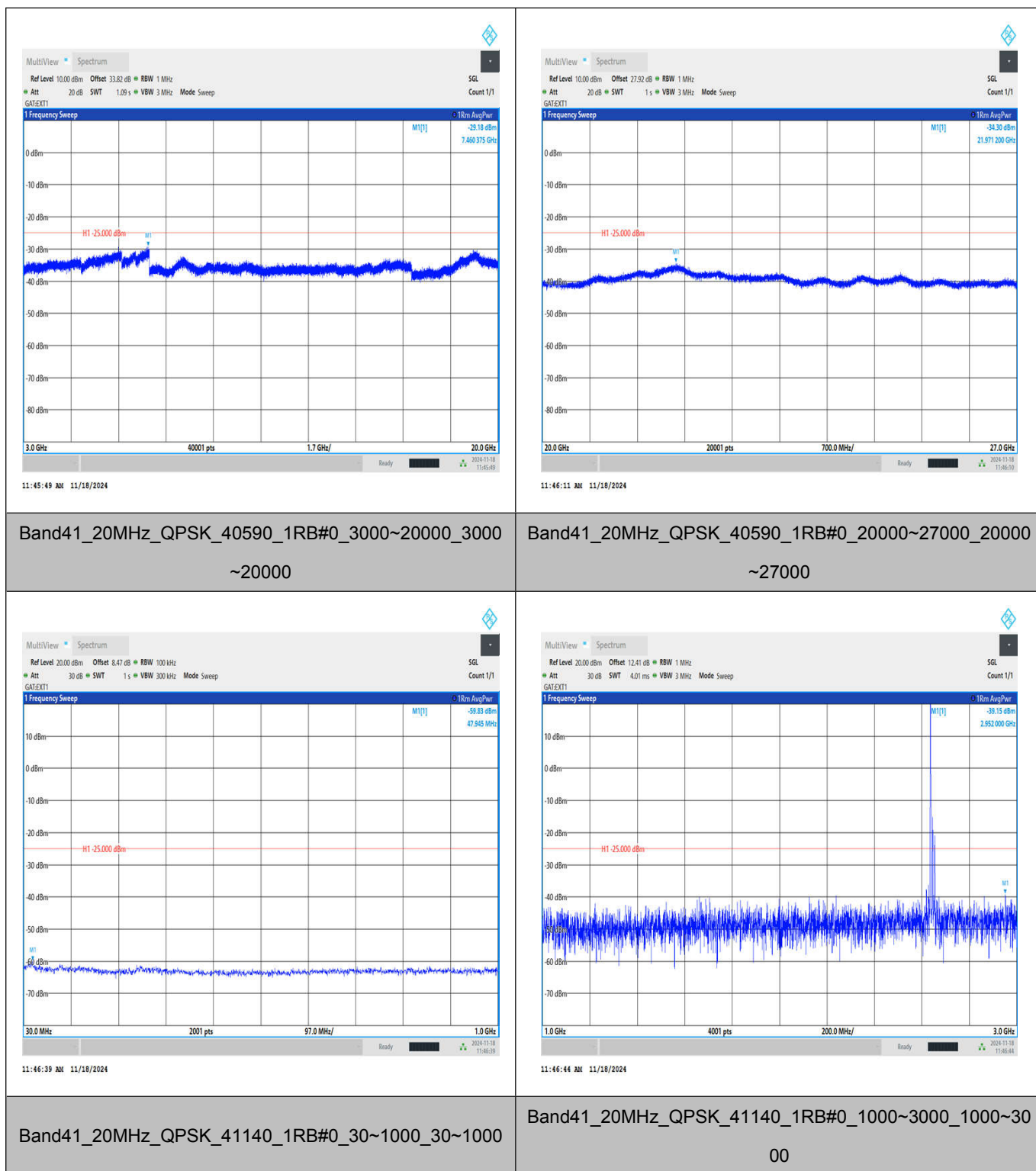


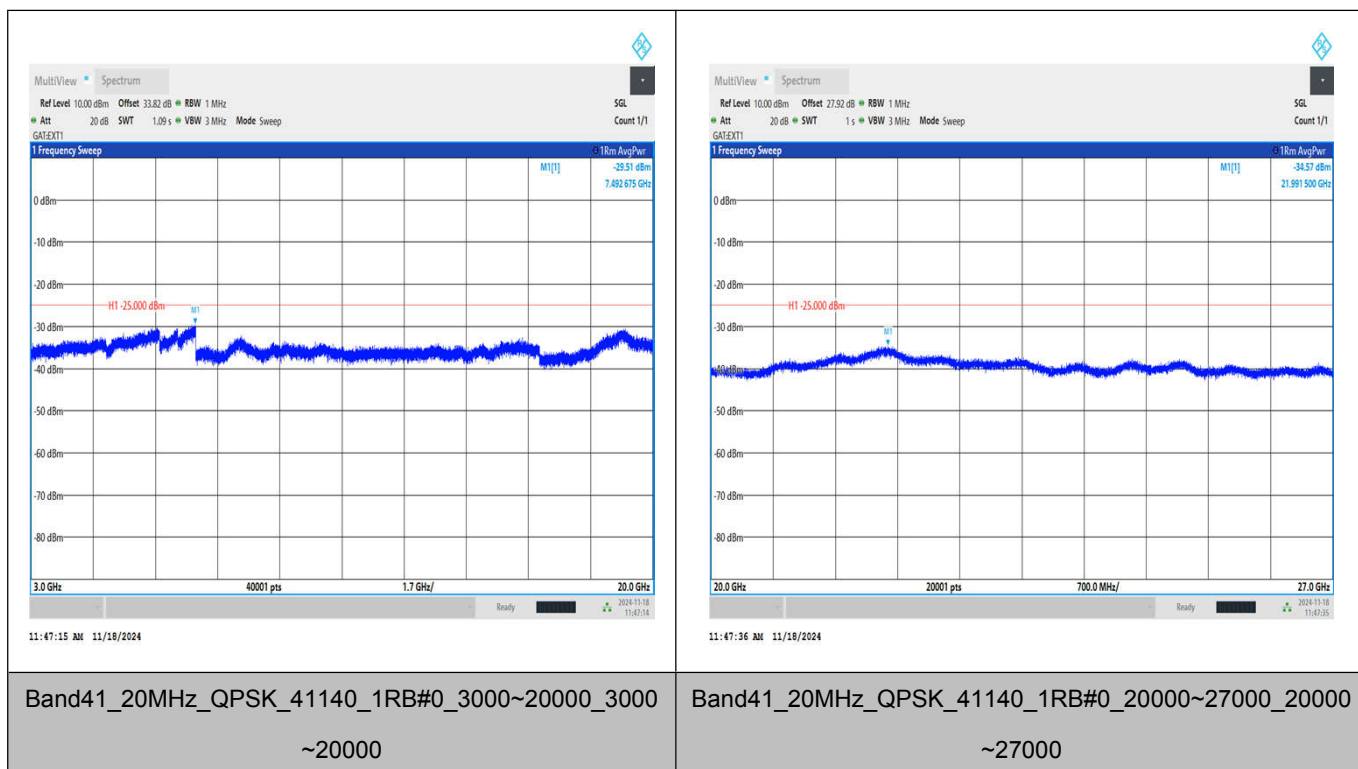












1.6 Frequency Stability

1.6.1 Test Result

Voltage									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
41(2535-2655)	5MHz	QPSK	40065	25RB#0	VN	NT	-0.90	-0.000355	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	VL	NT	1.50	0.000591	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	VH	NT	2.80	0.001103	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	VN	NT	4.50	0.001737	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	VL	NT	5.30	0.002046	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	VH	NT	1.90	0.000734	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	VN	NT	1.80	0.000679	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	VL	NT	3.80	0.001433	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	VH	NT	1.40	0.000528	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	VN	NT	1.60	0.000630	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	VL	NT	4.40	0.001732	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	VH	NT	5.80	0.002283	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	VN	NT	1.00	0.000386	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	VL	NT	1.00	0.000386	±2.5

41(2535-2655)	10MHz	QPSK	40590	50RB#0	VH	NT	1.20	0.000463	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	VN	NT	2.80	0.001057	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	VL	NT	0.70	0.000264	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	VH	NT	-1.60	-0.000604	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	VN	NT	-1.80	-0.000708	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	VL	NT	-0.60	-0.000236	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	VH	NT	-5.50	-0.002163	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	VN	NT	1.40	0.000541	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	VL	NT	-1.00	-0.000386	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	VH	NT	1.80	0.000695	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	VN	NT	-6.10	-0.002304	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	VL	NT	-5.10	-0.001926	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	VH	NT	-1.10	-0.000415	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	VN	NT	1.40	0.000550	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	VL	NT	-3.40	-0.001336	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	VH	NT	-0.70	-0.000275	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	VN	NT	3.60	0.001390	±2.5

41(2535-2655)	20MHz	QPSK	40590	100RB#0	VL	NT	0.20	0.000077	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	VH	NT	-1.80	-0.000695	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	VN	NT	4.90	0.001853	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	VL	NT	3.70	0.001399	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	VH	NT	-0.10	-0.000038	±2.5

Temperature									
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (ppm)	Limit (ppm)	Verdict
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-30	2.90	0.001143	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-20	4.00	0.001576	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	-10	0.70	0.000276	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	0	8.80	0.003468	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	10	0.20	0.000079	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	20	5.20	0.002049	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	30	4.00	0.001576	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	40	4.50	0.001773	±2.5
41(2535-2655)	5MHz	QPSK	40065	25RB#0	NV	50	5.80	0.002286	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-30	2.40	0.000927	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-20	1.40	0.000541	±2.5

41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	-10	4.40	0.001699	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	0	7.10	0.002741	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	10	4.70	0.001815	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	20	5.00	0.001931	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	30	3.80	0.001467	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	40	5.70	0.002201	±2.5
41(2535-2655)	5MHz	QPSK	40590	25RB#0	NV	50	6.40	0.002471	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	-30	1.40	0.000528	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	-20	3.30	0.001244	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	-10	2.80	0.001056	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	0	3.80	0.001433	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	10	6.20	0.002337	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	20	4.20	0.001583	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	30	5.00	0.001885	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	40	4.00	0.001508	±2.5
41(2535-2655)	5MHz	QPSK	41215	25RB#0	NV	50	4.70	0.001772	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-30	4.40	0.001732	±2.5

41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-20	4.40	0.001732	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	-10	2.30	0.000906	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	0	2.10	0.000827	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	10	1.00	0.000394	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	20	-0.80	-0.000315	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	30	3.60	0.001417	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	40	3.60	0.001417	±2.5
41(2535-2655)	10MHz	QPSK	40090	50RB#0	NV	50	1.60	0.000630	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-30	0.30	0.000116	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-20	0.40	0.000154	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	-10	-2.00	-0.000772	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	0	2.00	0.000772	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	10	3.50	0.001351	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	20	1.20	0.000463	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	30	1.40	0.000541	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	40	2.00	0.000772	±2.5
41(2535-2655)	10MHz	QPSK	40590	50RB#0	NV	50	2.20	0.000849	±2.5

41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	-30	2.40	0.000906	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	-20	1.40	0.000528	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	-10	1.00	0.000377	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	0	1.60	0.000604	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	10	3.10	0.001170	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	20	-1.10	-0.000415	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	30	-0.30	-0.000113	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	40	1.10	0.000415	±2.5
41(2535-2655)	10MHz	QPSK	41190	50RB#0	NV	50	0.90	0.000340	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-30	-3.00	-0.001180	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-20	-3.00	-0.001180	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	-10	0.30	0.000118	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	0	-1.90	-0.000747	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	10	-6.20	-0.002439	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	20	-3.90	-0.001534	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	30	-4.20	-0.001652	±2.5
41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	40	-0.20	-0.000079	±2.5

41(2535-2655)	15MHz	QPSK	40115	75RB#0	NV	50	-4.20	-0.001652	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-30	-0.50	-0.000193	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-20	0.00	0.000000	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	-10	2.10	0.000811	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	0	0.00	0.000000	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	10	2.20	0.000849	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	20	3.10	0.001197	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	30	0.50	0.000193	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	40	0.80	0.000309	±2.5
41(2535-2655)	15MHz	QPSK	40590	75RB#0	NV	50	1.90	0.000734	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-30	-4.10	-0.001549	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-20	-5.80	-0.002191	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	-10	-2.80	-0.001058	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	0	-1.90	-0.000718	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	10	-3.00	-0.001133	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	20	-2.70	-0.001020	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	30	-7.10	-0.002682	±2.5

41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	40	-6.00	-0.002266	±2.5
41(2535-2655)	15MHz	QPSK	41165	75RB#0	NV	50	-5.30	-0.002002	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	-30	1.70	0.000668	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	-20	-0.50	-0.000196	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	-10	1.50	0.000589	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	0	-2.40	-0.000943	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	10	0.60	0.000236	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	20	2.80	0.001100	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	30	-2.00	-0.000786	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	40	-0.40	-0.000157	±2.5
41(2535-2655)	20MHz	QPSK	40140	100RB#0	NV	50	0.80	0.000314	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-30	2.50	0.000965	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-20	0.00	0.000000	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	-10	0.50	0.000193	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	0	1.90	0.000734	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	10	0.20	0.000077	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	20	3.10	0.001197	±2.5

41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	30	0.40	0.000154	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	40	0.80	0.000309	±2.5
41(2535-2655)	20MHz	QPSK	40590	100RB#0	NV	50	-0.40	-0.000154	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-30	4.00	0.001512	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-20	4.00	0.001512	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	-10	2.80	0.001059	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	0	2.60	0.000983	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	10	2.50	0.000945	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	20	1.50	0.000567	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	30	1.50	0.000567	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	40	-1.20	-0.000454	±2.5
41(2535-2655)	20MHz	QPSK	41140	100RB#0	NV	50	2.20	0.000832	±2.5