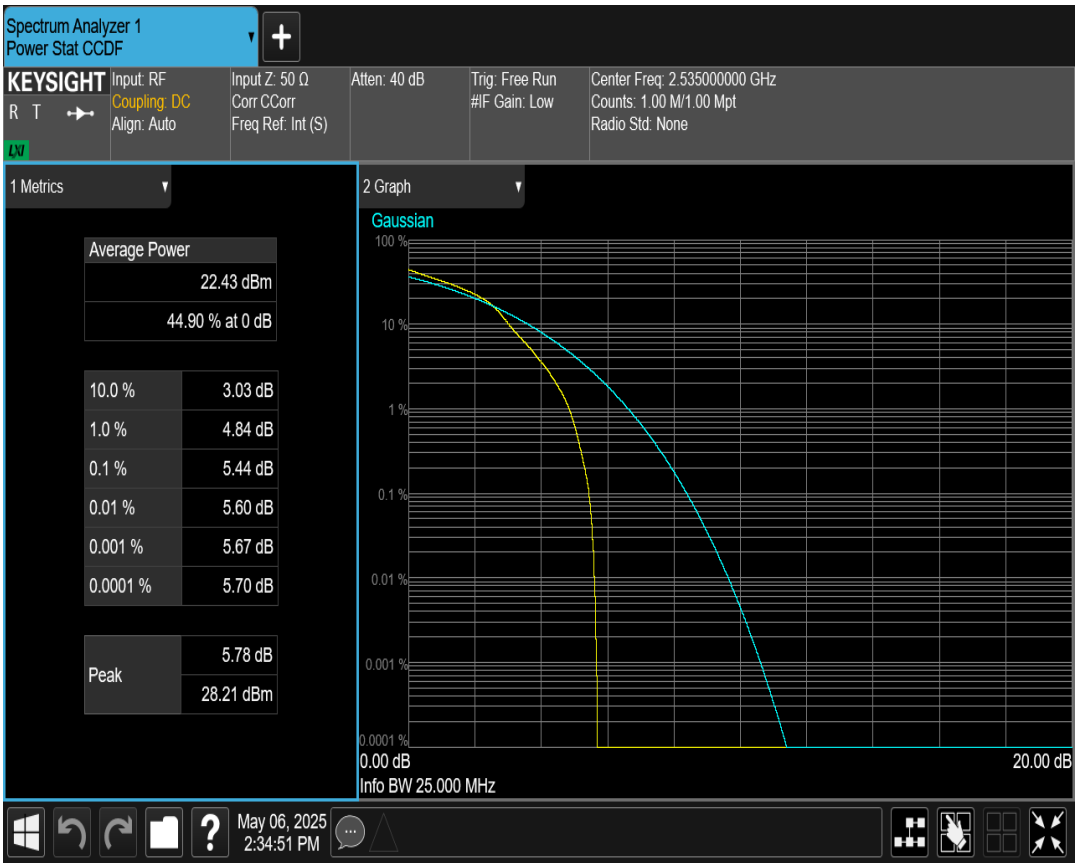
TABLE OF CONTENTS

03 Peak-to-Average Ratio 2
04 Occupied bandwidth 7
05 Band edge 12
06 Out-of-band emissions 21
1 Conducted output power 30
2 Frequency stability 34

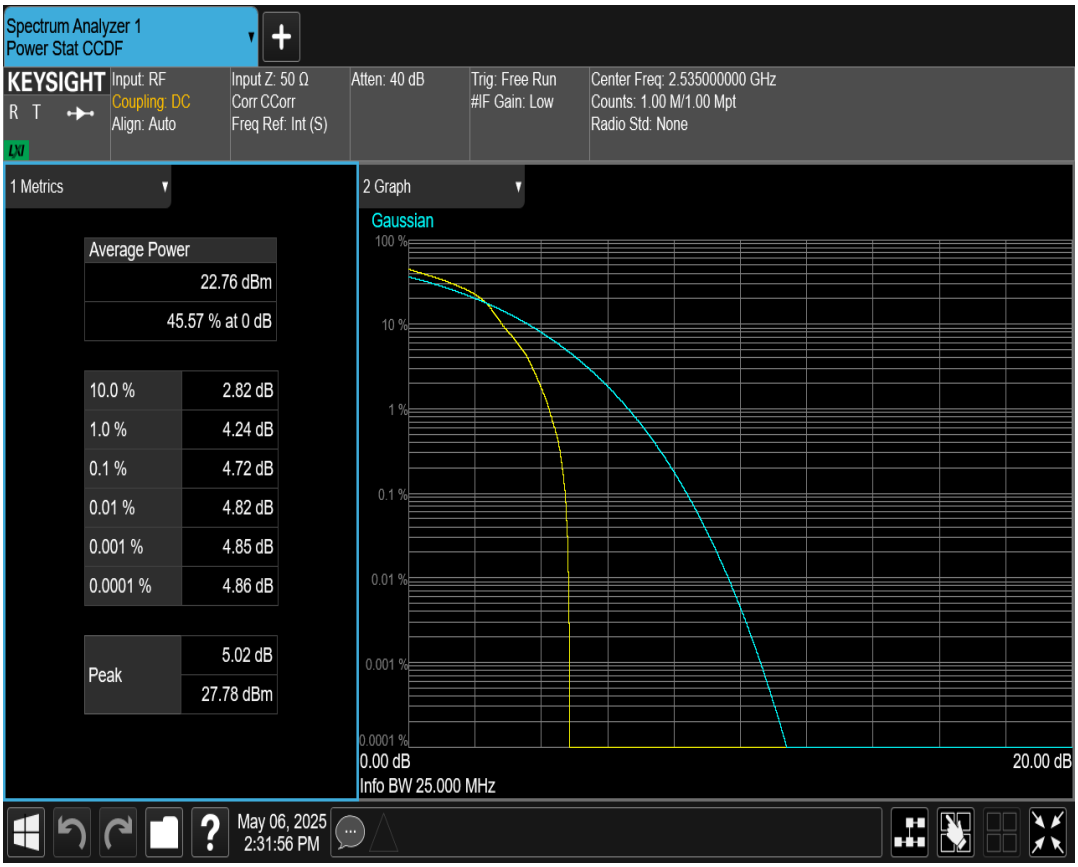
03 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band7	5	21100	1	#0	QPSK	4.00	13	PASS
Band7	5	21100	1	#0	16QAM	4.72	13	PASS
Band7	10	21100	1	#0	QPSK	4.00	13	PASS
Band7	10	21100	1	#0	16QAM	4.89	13	PASS
Band7	15	21100	1	#0	QPSK	4.15	13	PASS
Band7	15	21100	1	#0	16QAM	4.95	13	PASS
Band7	20	21100	1	#0	QPSK	4.43	13	PASS
Band7	20	21100	1	#0	16QAM	5.44	13	PASS

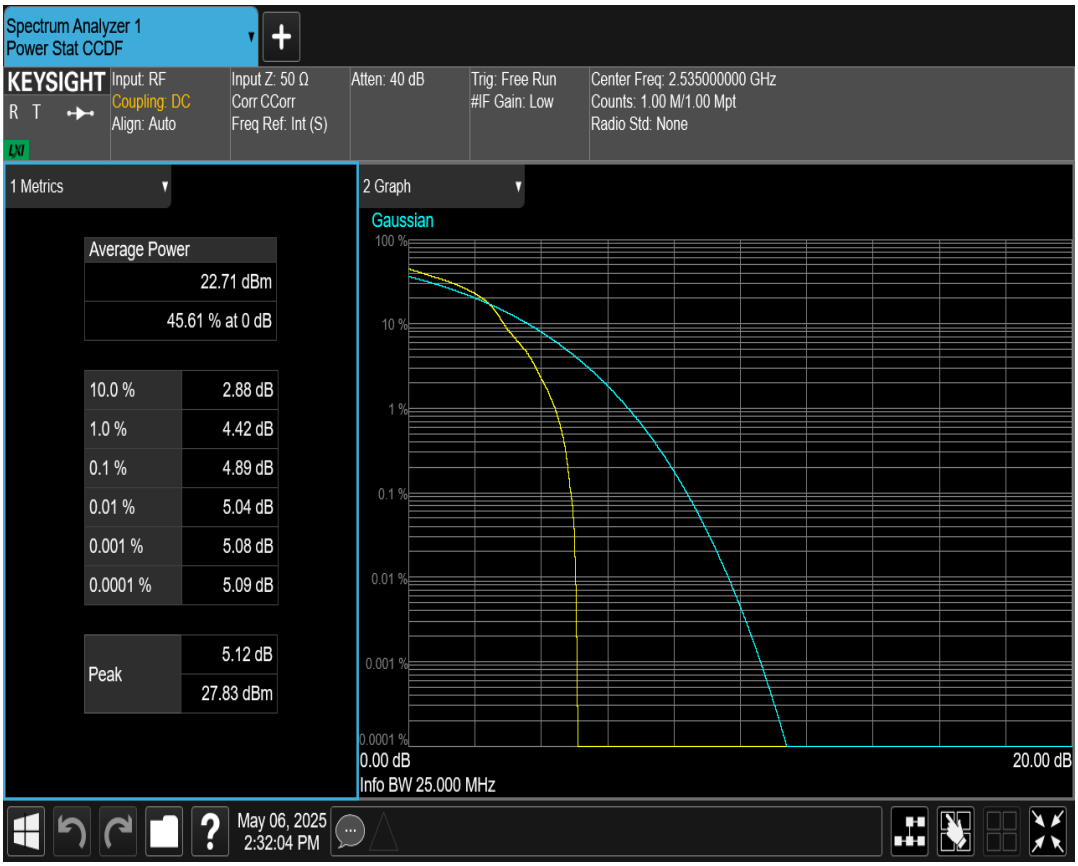
Band7 16QAM BW=20MHz Channel=21100 RB Size=1 Position=#0



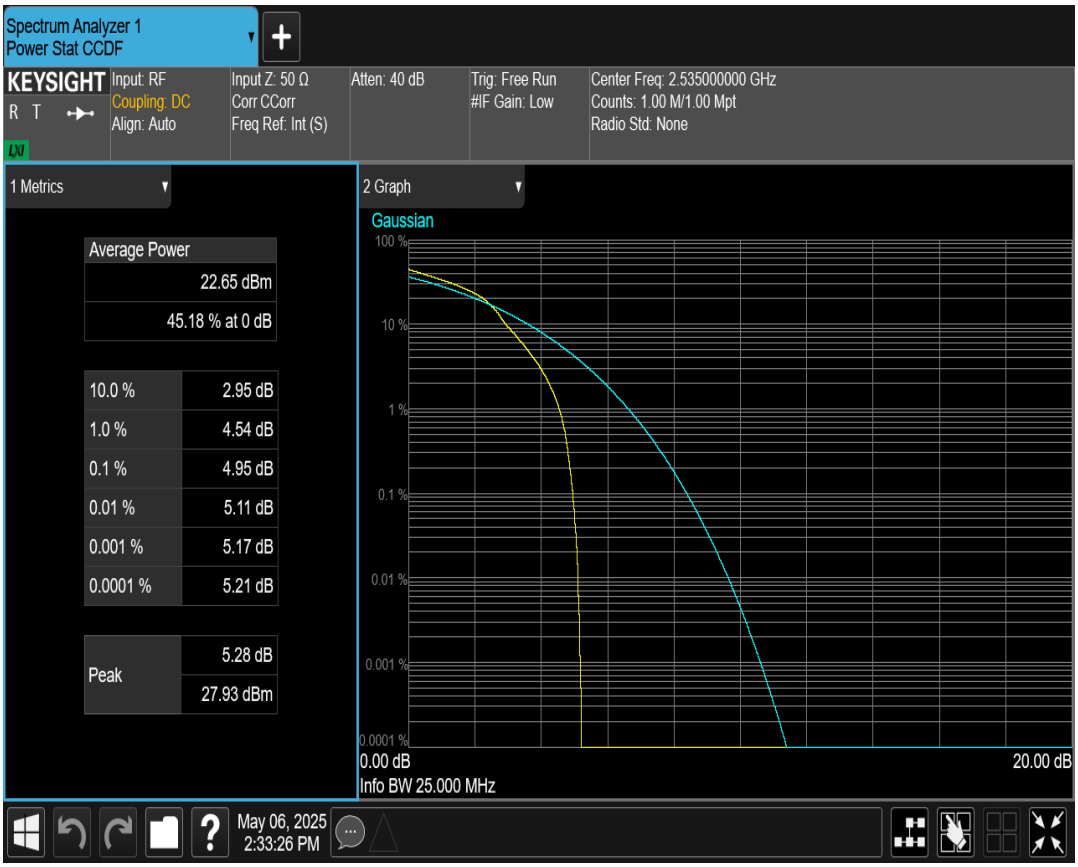
Band7 16QAM BW=5MHz Channel=21100 RB Size=1 Position=#0



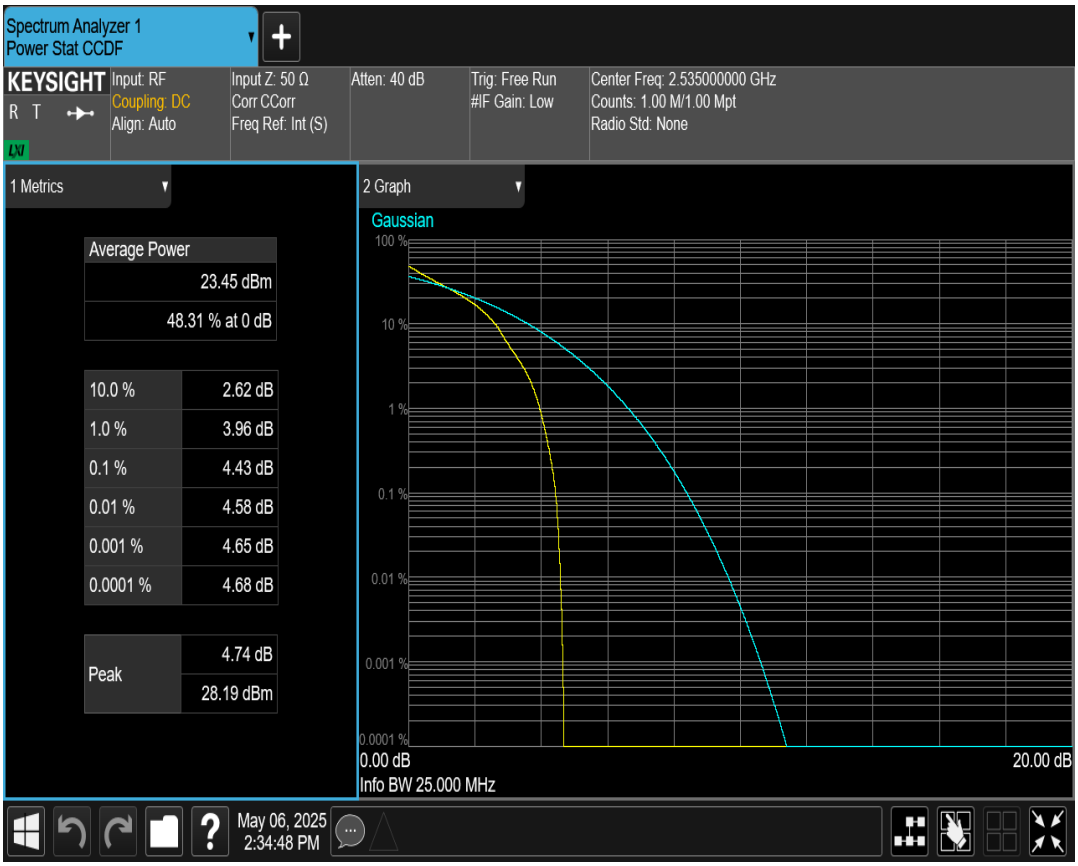
Band7 16QAM BW=10MHz Channel=21100 RB Size=1 Position=#0



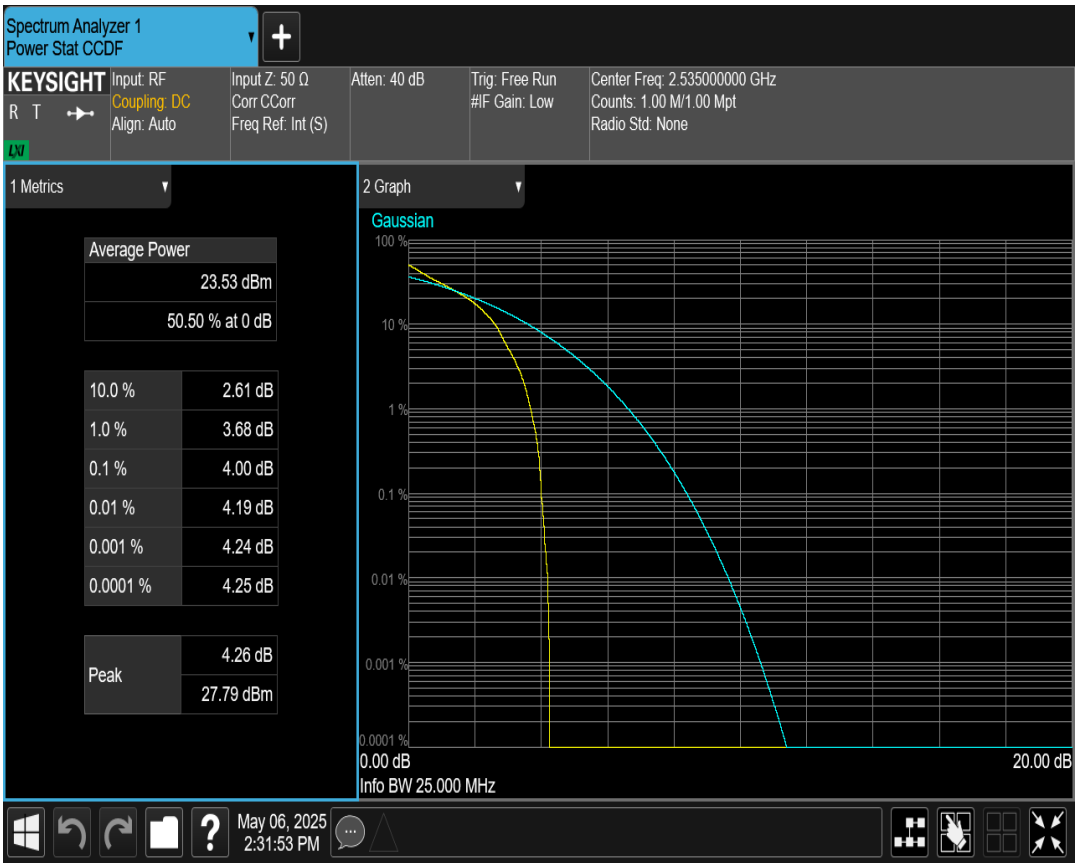
Band7 16QAM BW=15MHz Channel=21100 RB Size=1 Position=#0



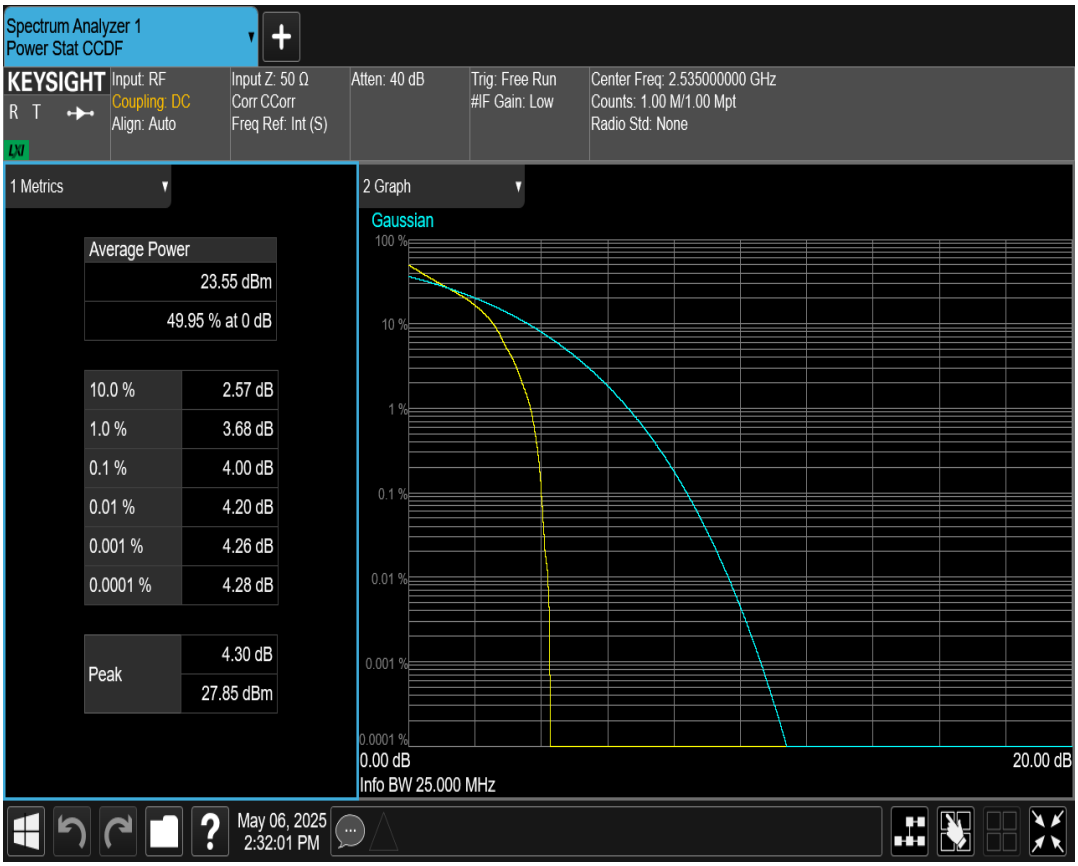
Band7 QPSK BW=20MHz Channel=21100 RB Size=1 Position=#0



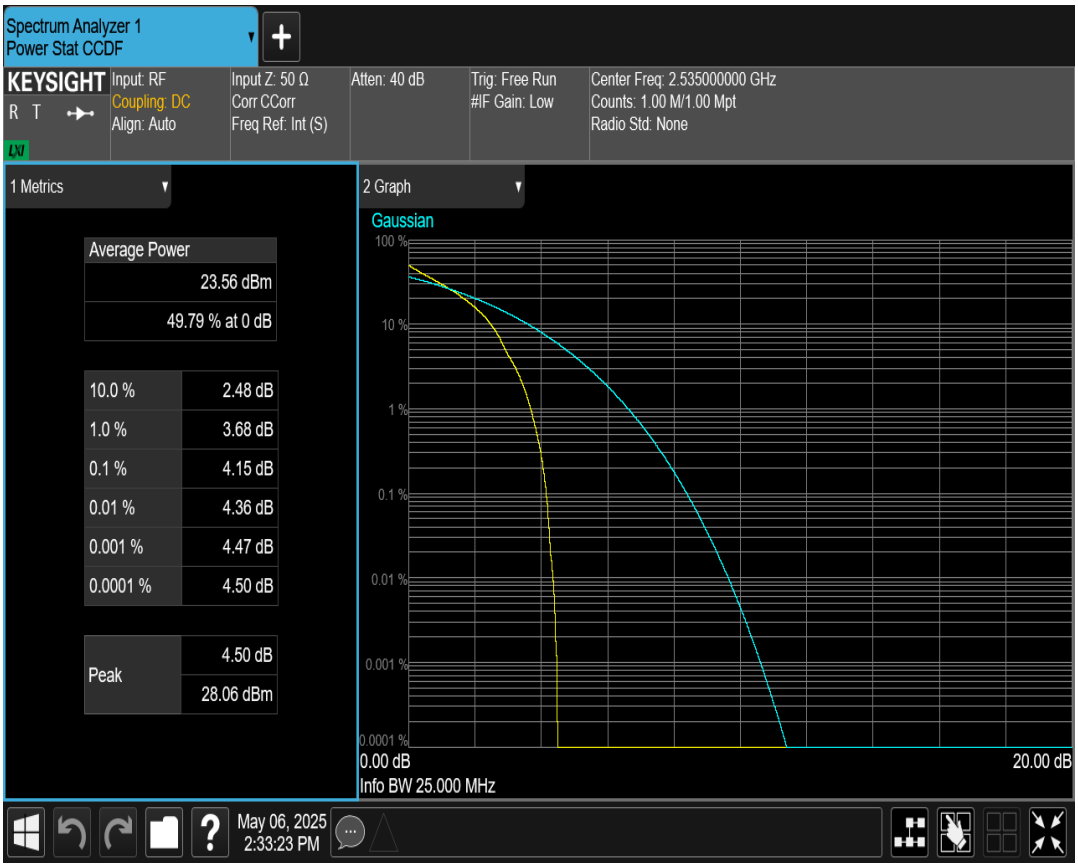
Band7 QPSK BW=5MHz Channel=21100 RB Size=1 Position=#0



Band7 QPSK BW=10MHz Channel=21100 RB Size=1 Position=#0



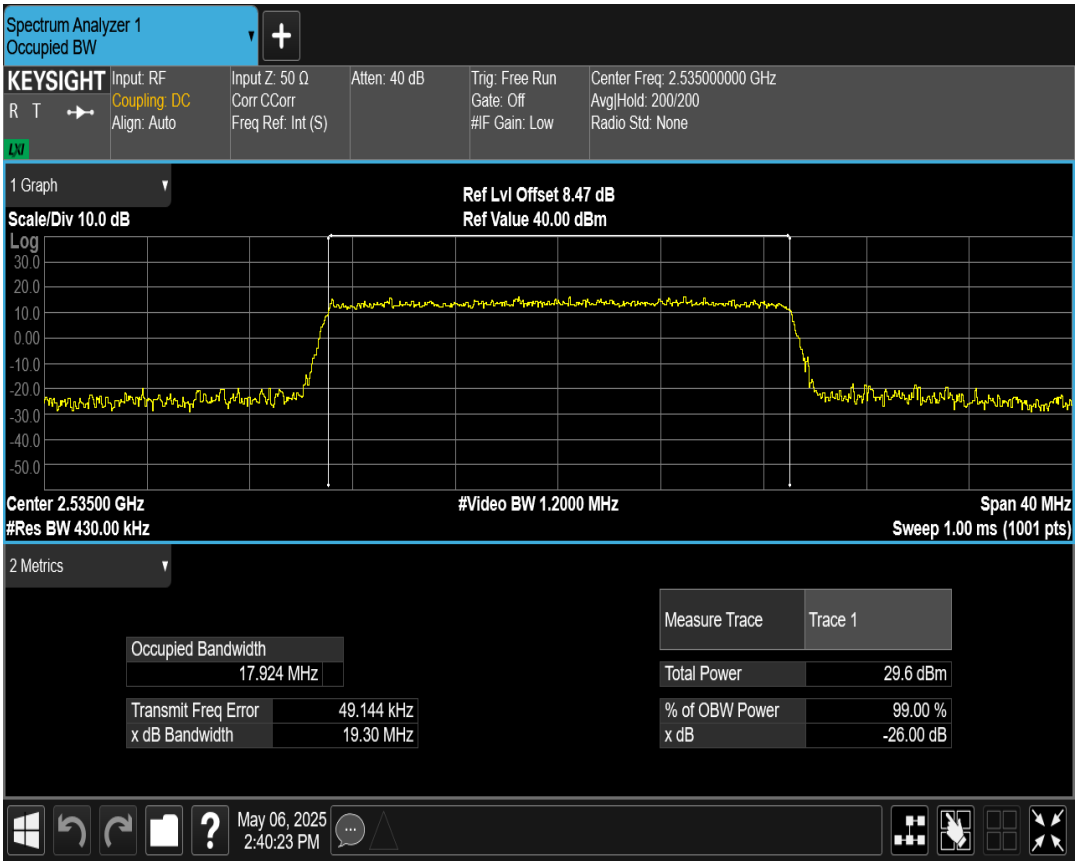
Band7 QPSK BW=15MHz Channel=21100 RB Size=1 Position=#0


Spectrum Analyzer 1
Power Stat CCDF
KEYSIGHT
R T
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
Atten: 40 dB
Trig: Free Run
#IF Gain: Low
Center Freq: 2.535000000 GHz
Counts: 1.00 M/1.00 Mpt
Radio Std: None
1 Metrics
Average Power
23.56 dBm
49.79 % at 0 dB
10.0 % 2.48 dB
1.0 % 3.68 dB
0.1 % 4.15 dB
0.01 % 4.36 dB
0.001 % 4.47 dB
0.0001 % 4.50 dB
Peak 4.50 dB
28.06 dBm
2 Graph
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0.00 dB
20.00 dB
Info BW 25.000 MHz
May 06, 2025
2:33:23 PM

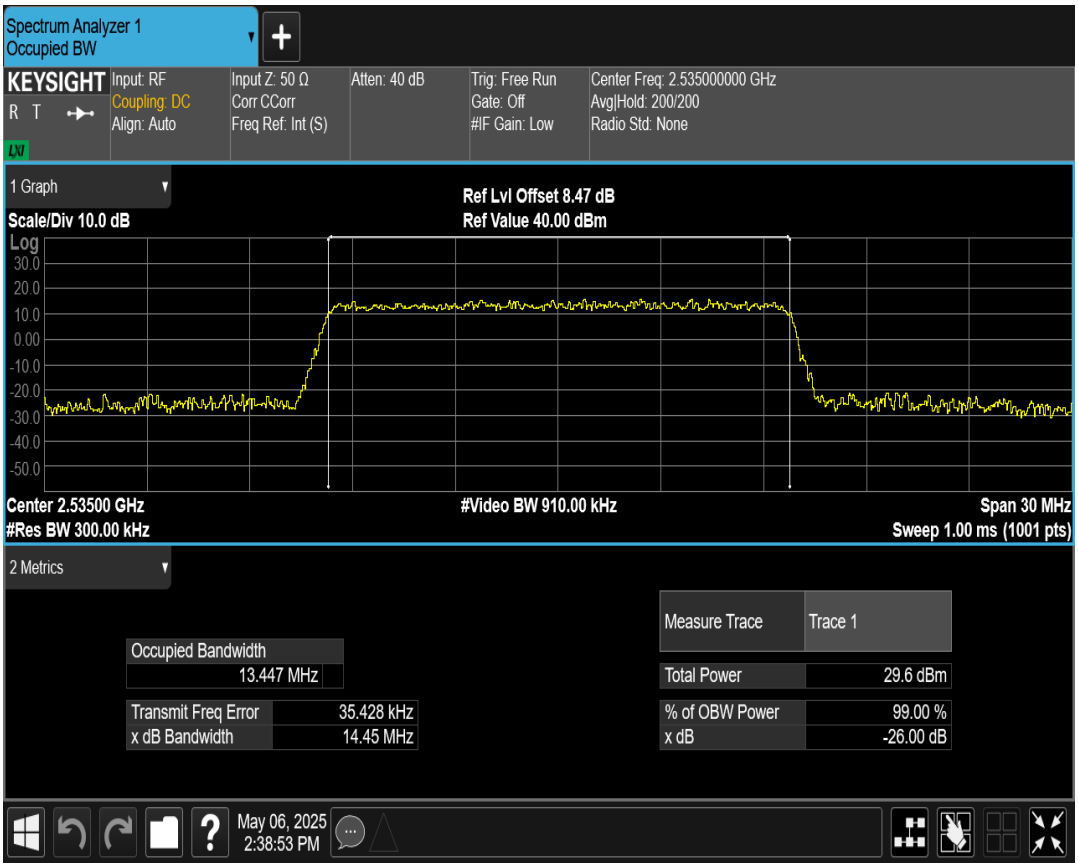
04 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band7	5	21100	25	#0	QPSK	4.525	4.896	PASS
Band7	5	21100	25	#0	16QAM	4.509	4.912	PASS
Band7	10	21100	50	#0	QPSK	8.977	9.789	PASS
Band7	10	21100	50	#0	16QAM	8.982	9.703	PASS
Band7	15	21100	75	#0	QPSK	13.497	14.541	PASS
Band7	15	21100	75	#0	16QAM	13.447	14.448	PASS
Band7	20	21100	100	#0	QPSK	17.899	19.231	PASS
Band7	20	21100	100	#0	16QAM	17.924	19.300	PASS

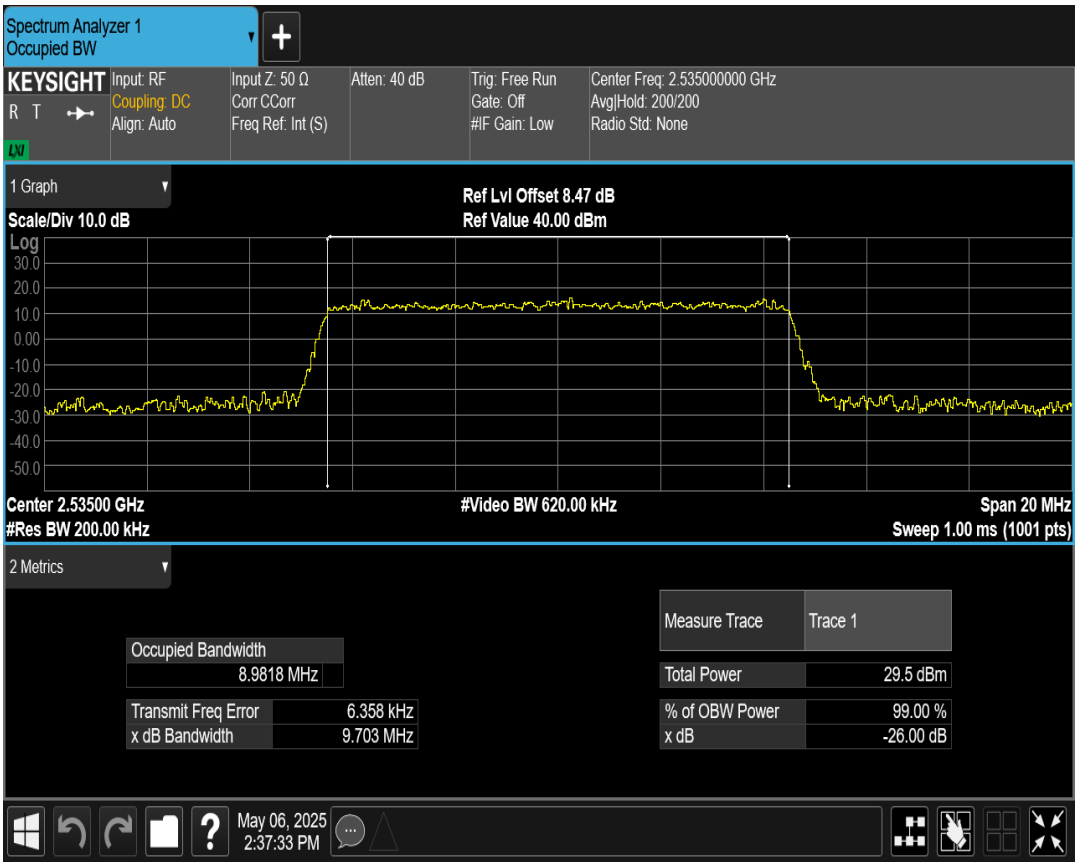
Band7 16QAM BW=20MHz Channel=21100 RB Size=100 Position=#0



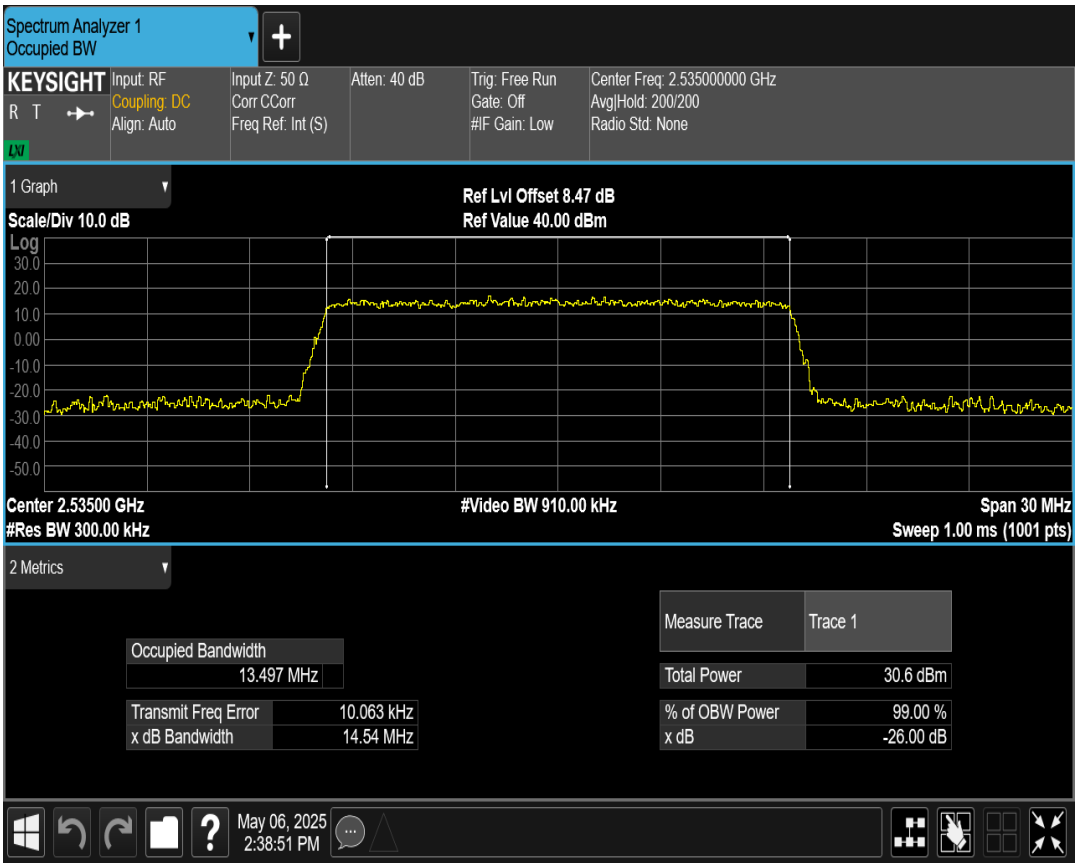
Band7 16QAM BW=15MHz Channel=21100 RB Size=75 Position=#0



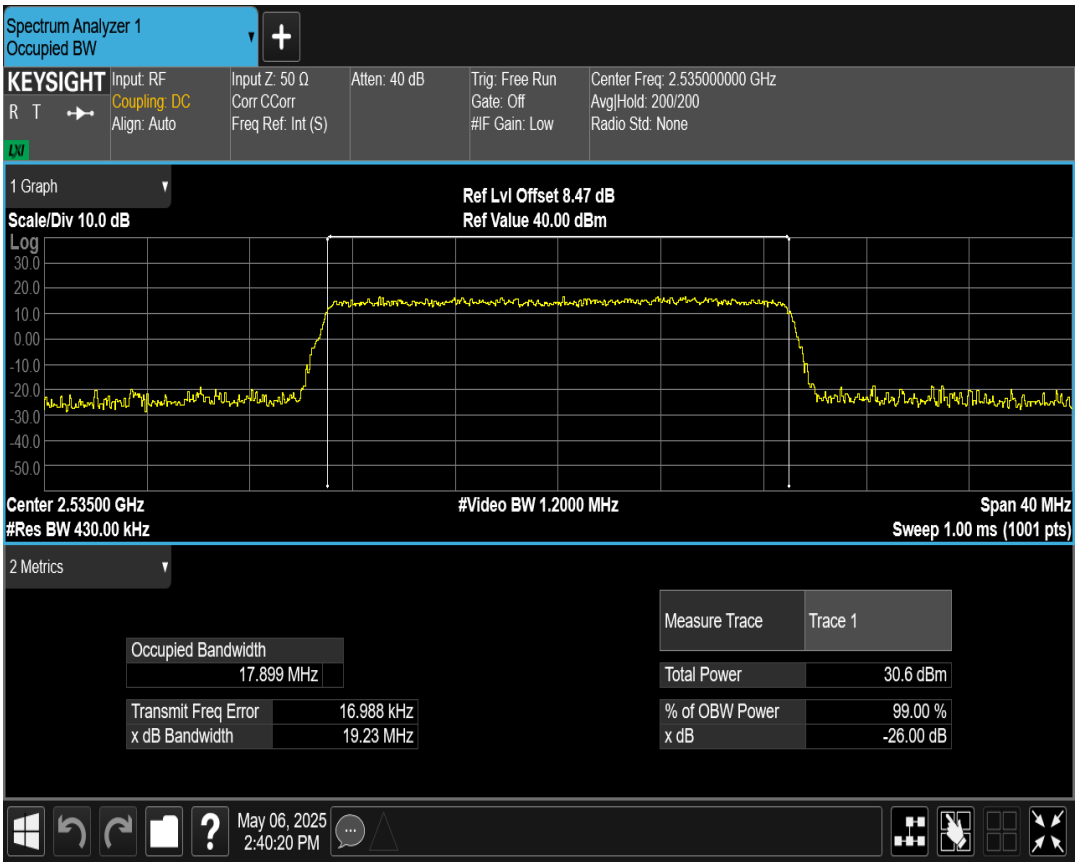
Band7 16QAM BW=10MHz Channel=21100 RB Size=50 Position=#0



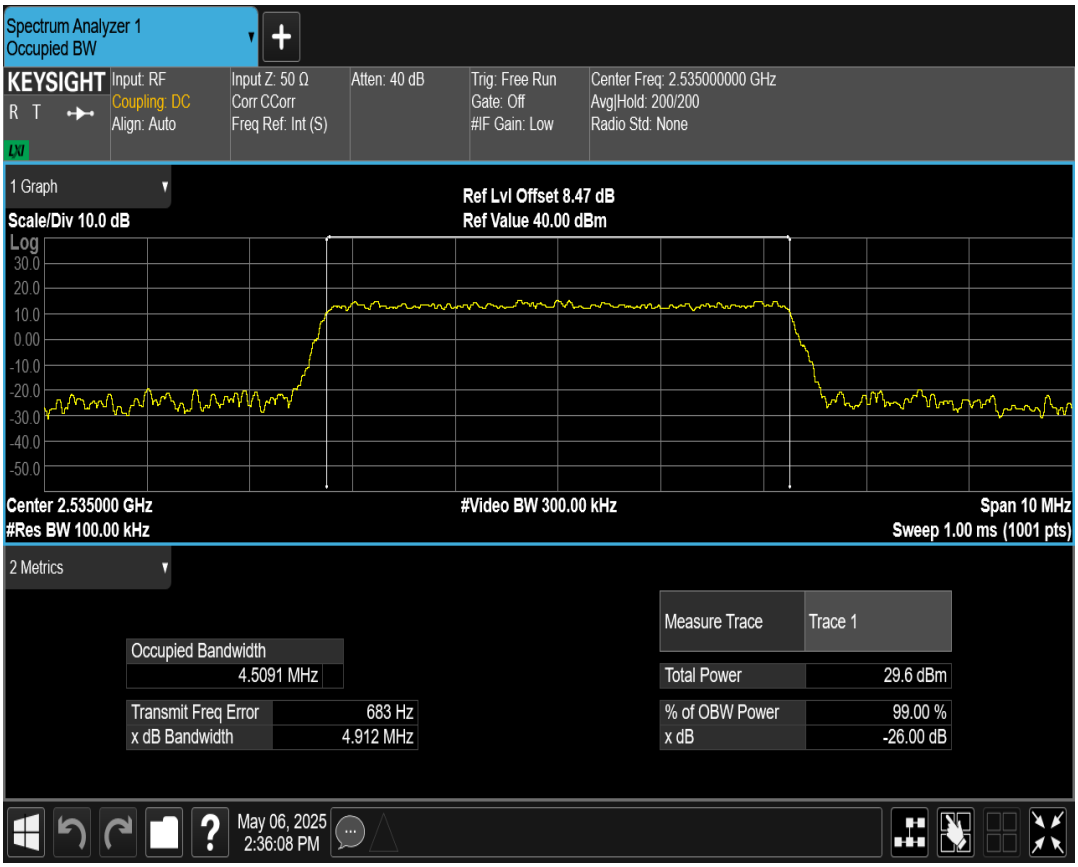
Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



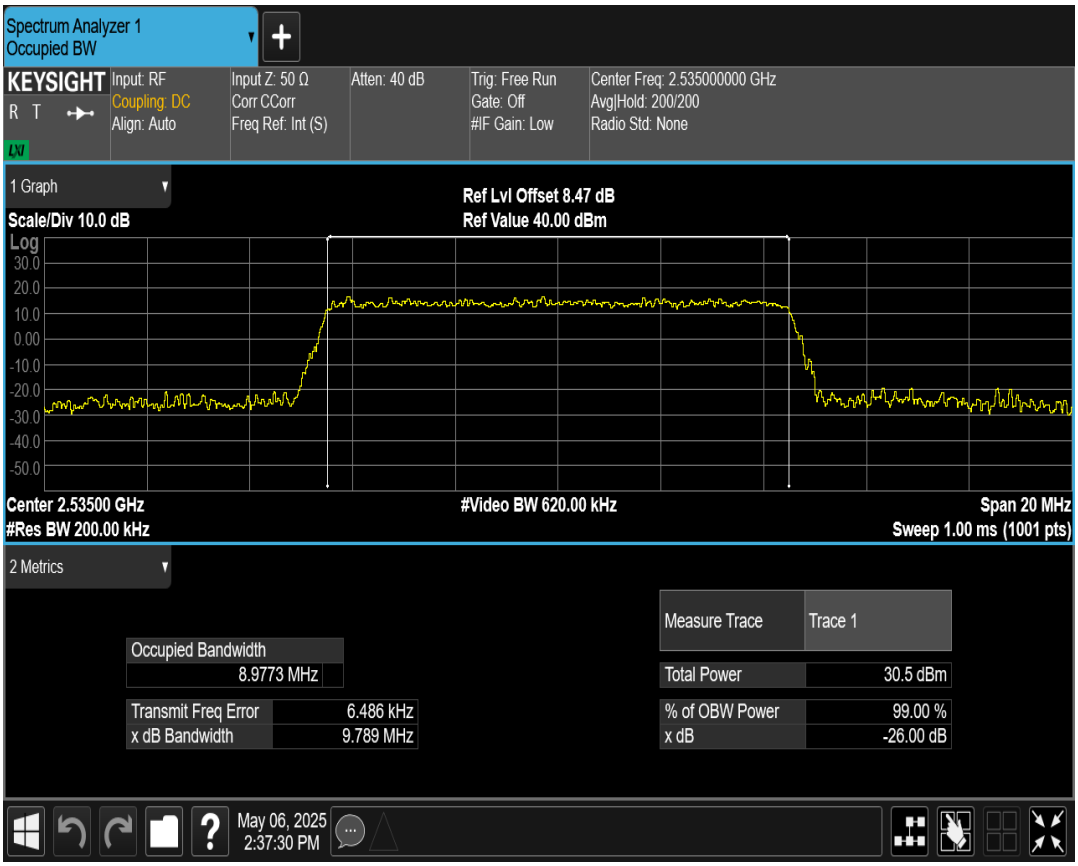
Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



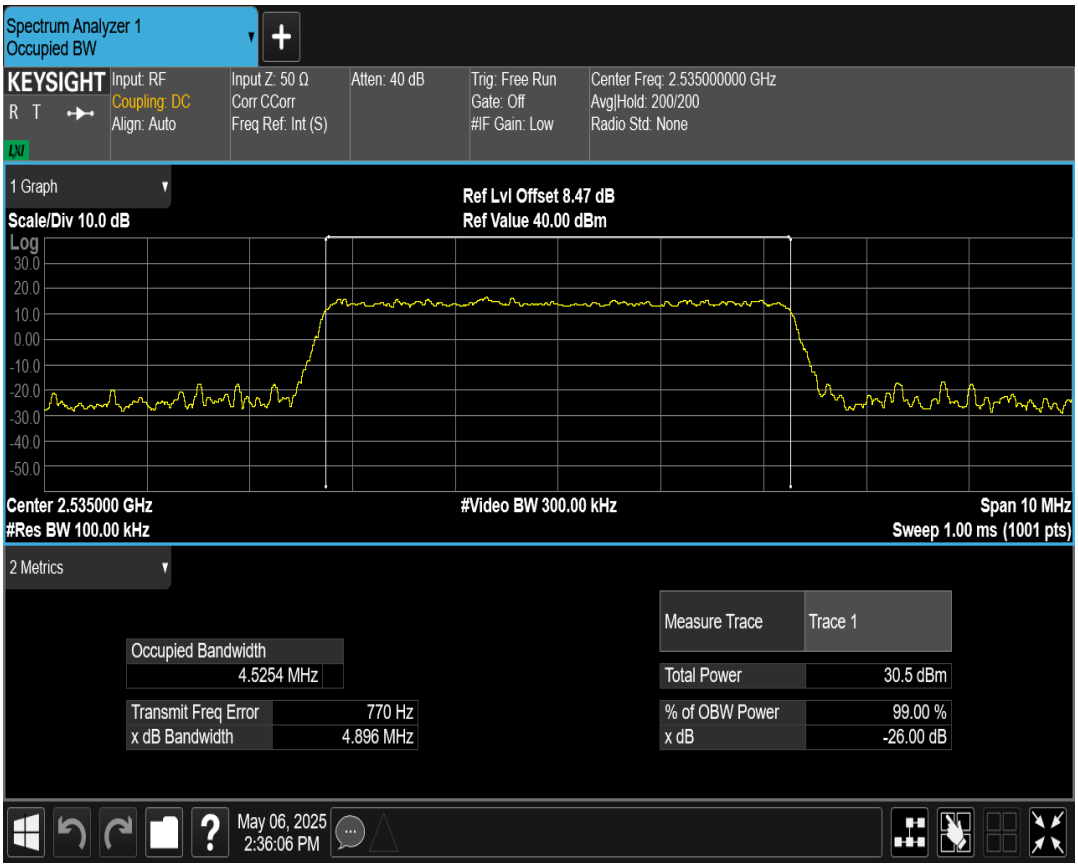
Band7 16QAM BW=5MHz Channel=21100 RB Size=25 Position=#0



Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



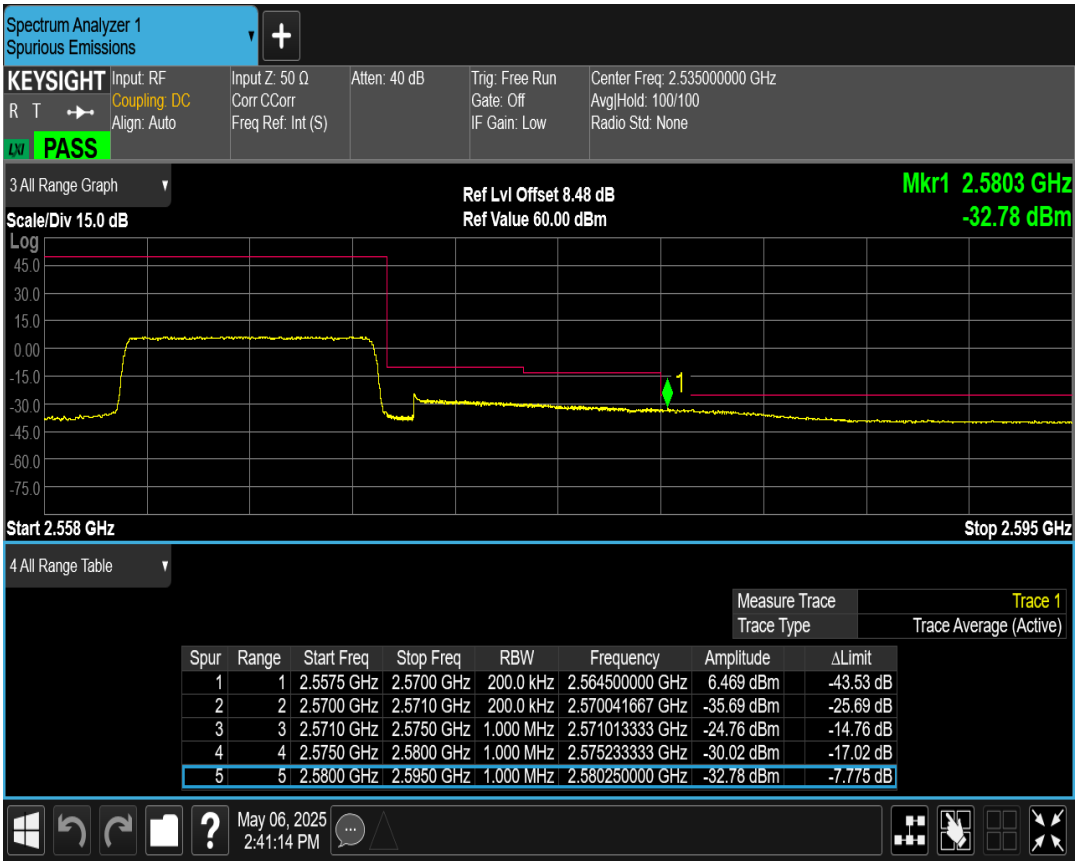
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0


Spectrum Analyzer 1
Occupied BW
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corr CCorr
Freq Ref: Int (S)
Atten: 40 dB
Trig: Free Run
Gate: Off
#IF Gain: Low
Center Freq: 2.535000000 GHz
Avg|Hold: 200/200
Radio Std: None
1 Graph
Ref Lvl Offset 8.47 dB
Ref Value 40.00 dBm
Scale/Div 10.0 dB
Log
30.0
20.0
10.0
0.00
-10.0
-20.0
-30.0
-40.0
-50.0
Center 2.535000 GHz
#Res BW 100.00 kHz
#Video BW 300.00 kHz
Span 10 MHz
Sweep 1.00 ms (1001 pts)
2 Metrics
Occupied Bandwidth
4.5254 MHz
Transmit Freq Error 770 Hz
x dB Bandwidth 4.896 MHz
Measure Trace Trace 1
Total Power 30.5 dBm
% of OBW Power 99.00 %
x dB -26.00 dB
May 06, 2025
2:36:06 PM

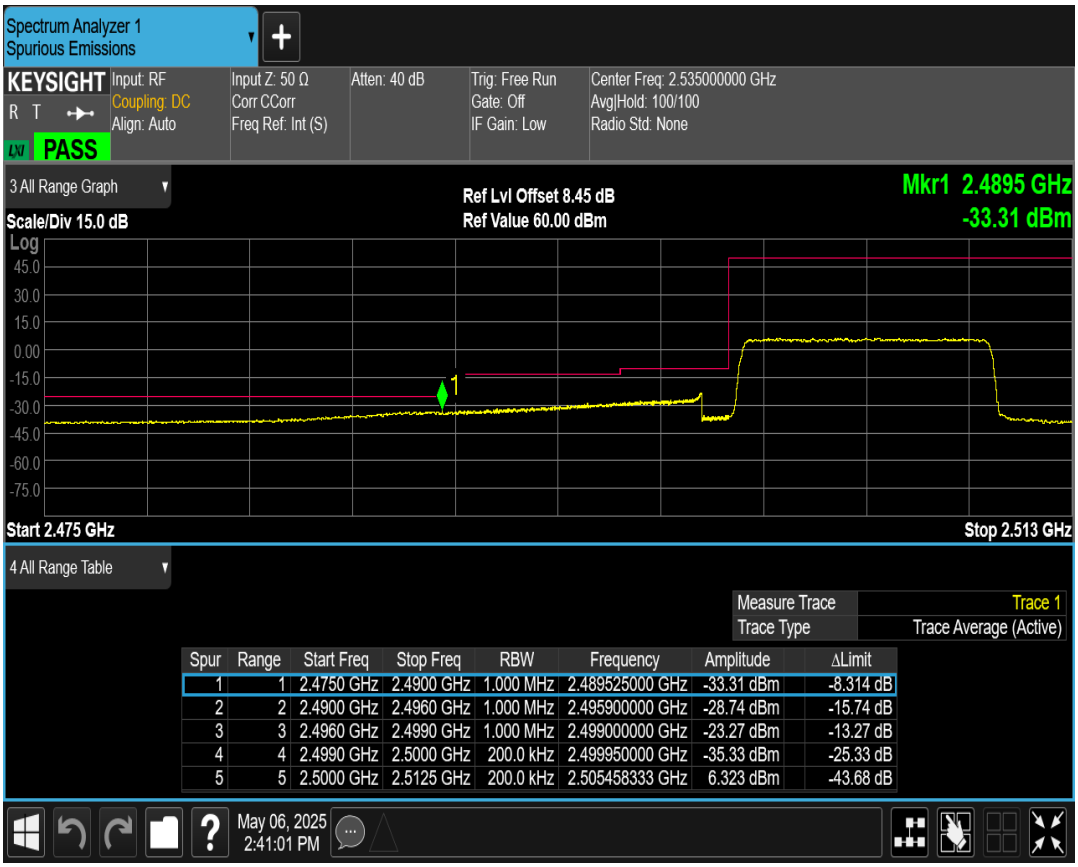
05 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	2499.00	-11.97	-10	PASS
Band7	5	20775	25	#0	16QAM	2499.00	-12.63	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.01	-12.00	-10	PASS
Band7	5	21425	25	#0	16QAM	2571.00	-13.46	-10	PASS
Band7	10	20800	50	#0	QPSK	2488.80	-30.71	-25	PASS
Band7	10	20800	50	#0	16QAM	2489.53	-33.31	-25	PASS
Band7	10	21400	50	#0	QPSK	2581.05	-30.40	-25	PASS
Band7	10	21400	50	#0	16QAM	2580.25	-32.78	-25	PASS
Band7	15	20825	75	#0	QPSK	2483.00	-31.73	-25	PASS
Band7	15	20825	75	#0	16QAM	2484.65	-34.63	-25	PASS
Band7	15	21375	75	#0	QPSK	2585.18	-33.37	-25	PASS
Band7	15	21375	75	#0	16QAM	2585.08	-35.15	-25	PASS
Band7	20	20850	100	#0	QPSK	2479.99	-34.27	-25	PASS
Band7	20	20850	100	#0	16QAM	2479.83	-35.44	-25	PASS
Band7	20	21350	100	#0	QPSK	2590.03	-33.86	-25	PASS
Band7	20	21350	100	#0	16QAM	2590.37	-35.02	-25	PASS

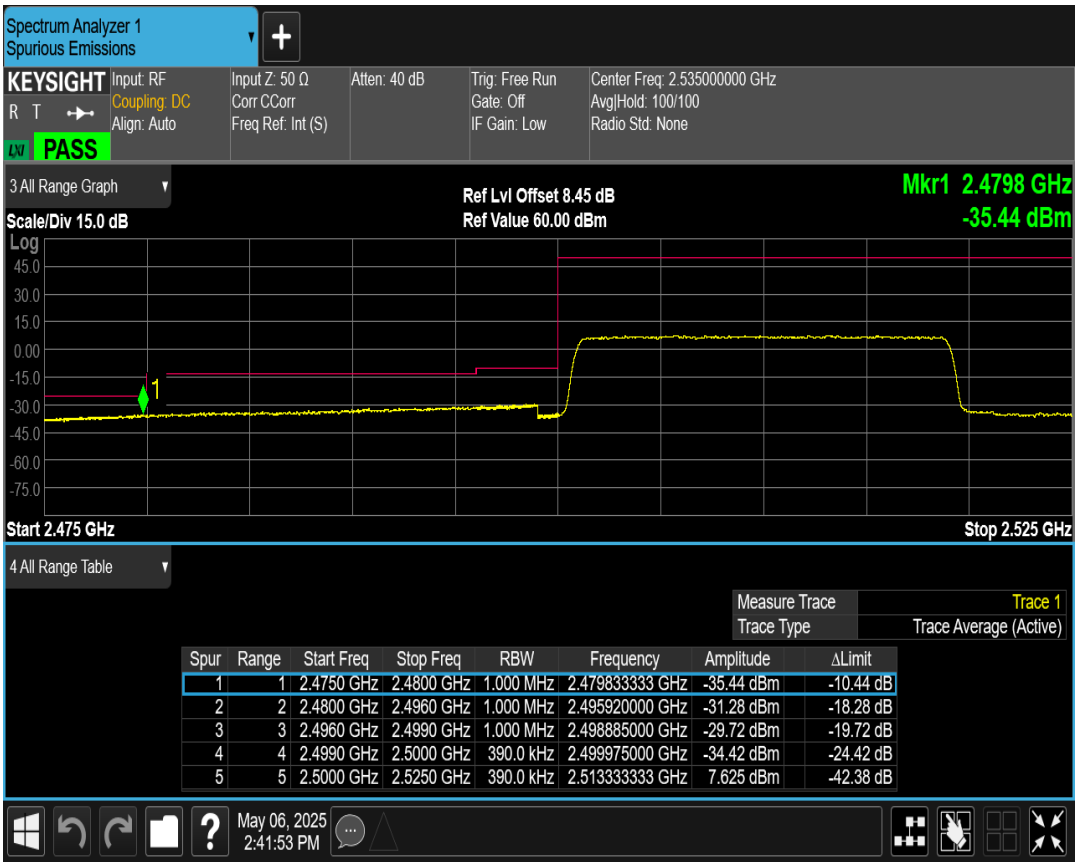
Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



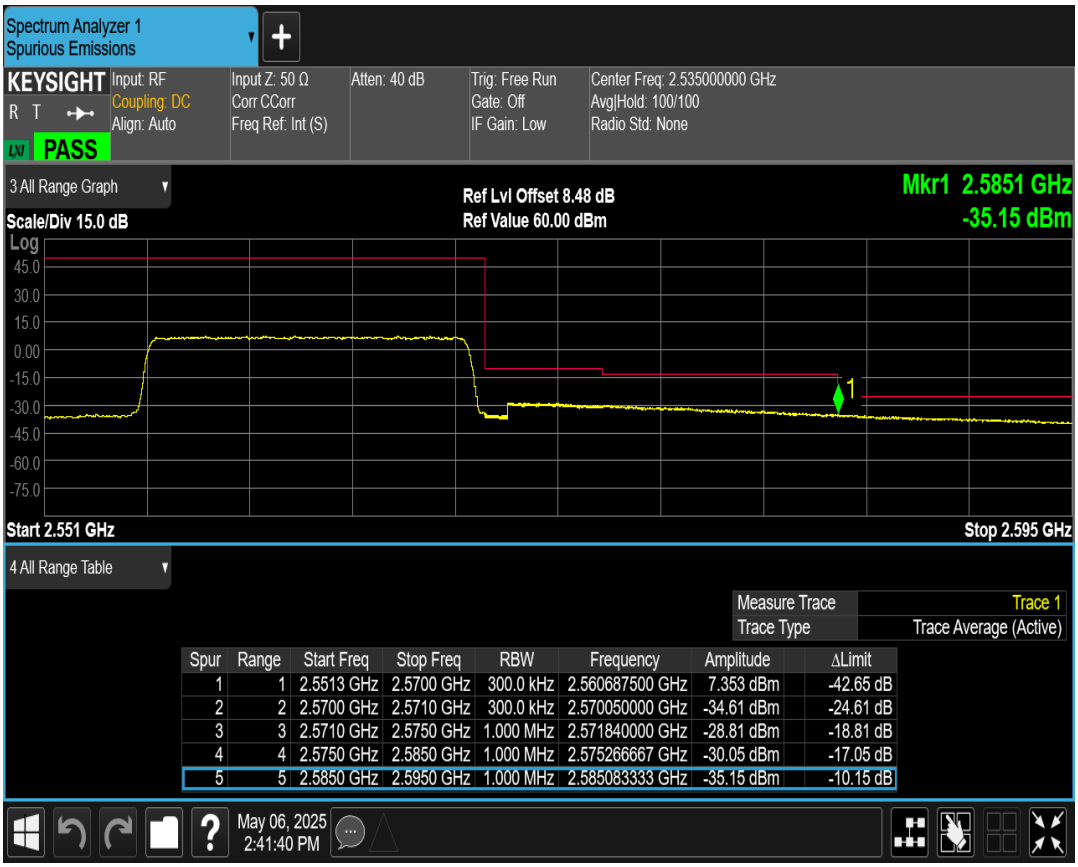
Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0



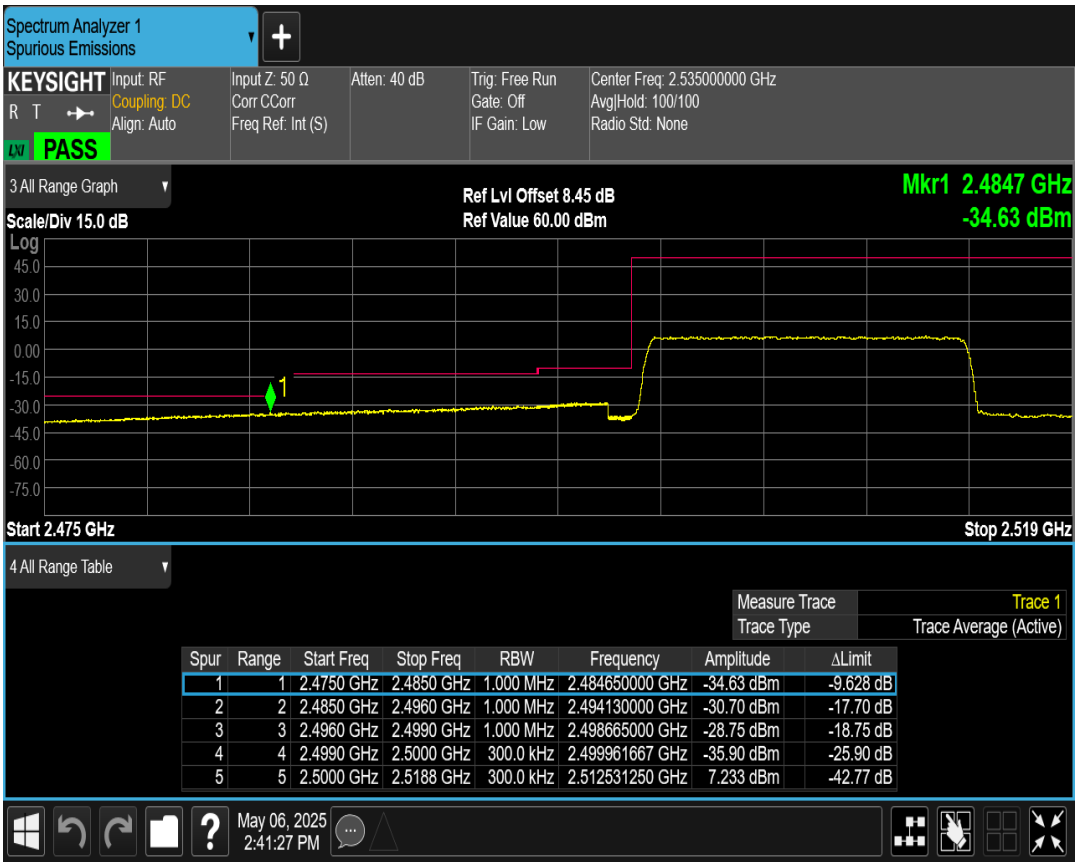
Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



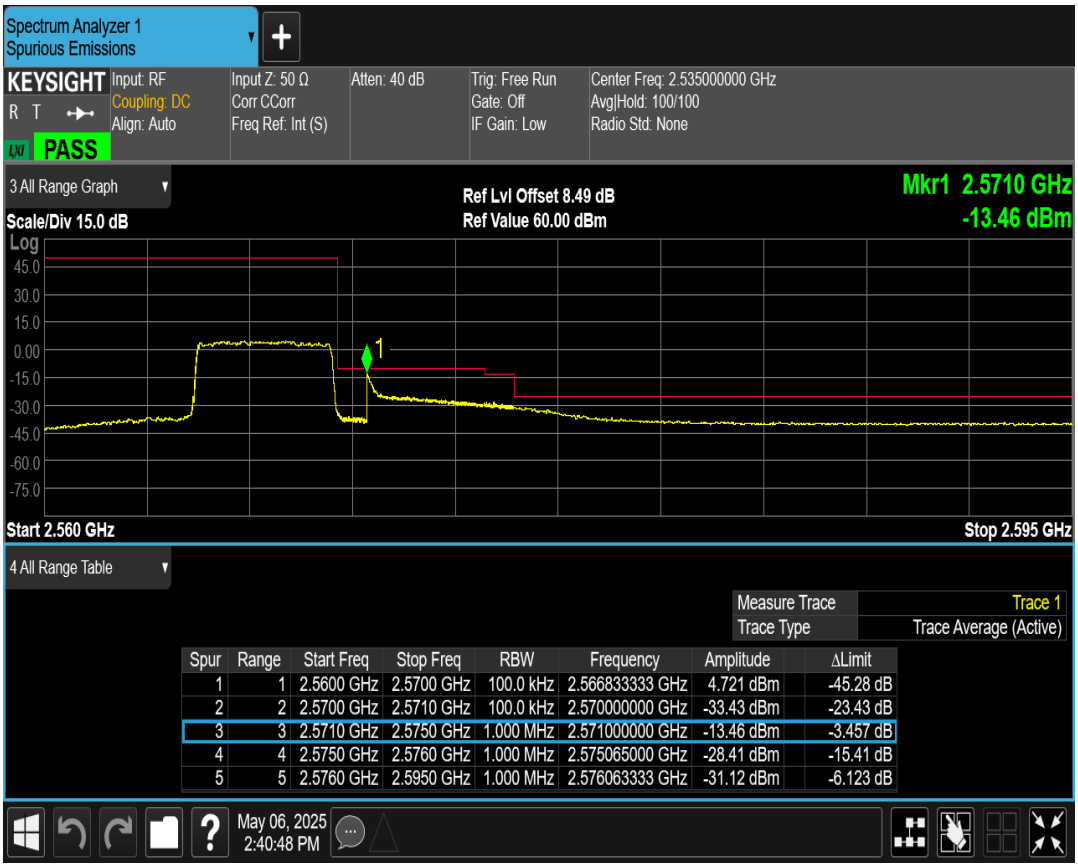
Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



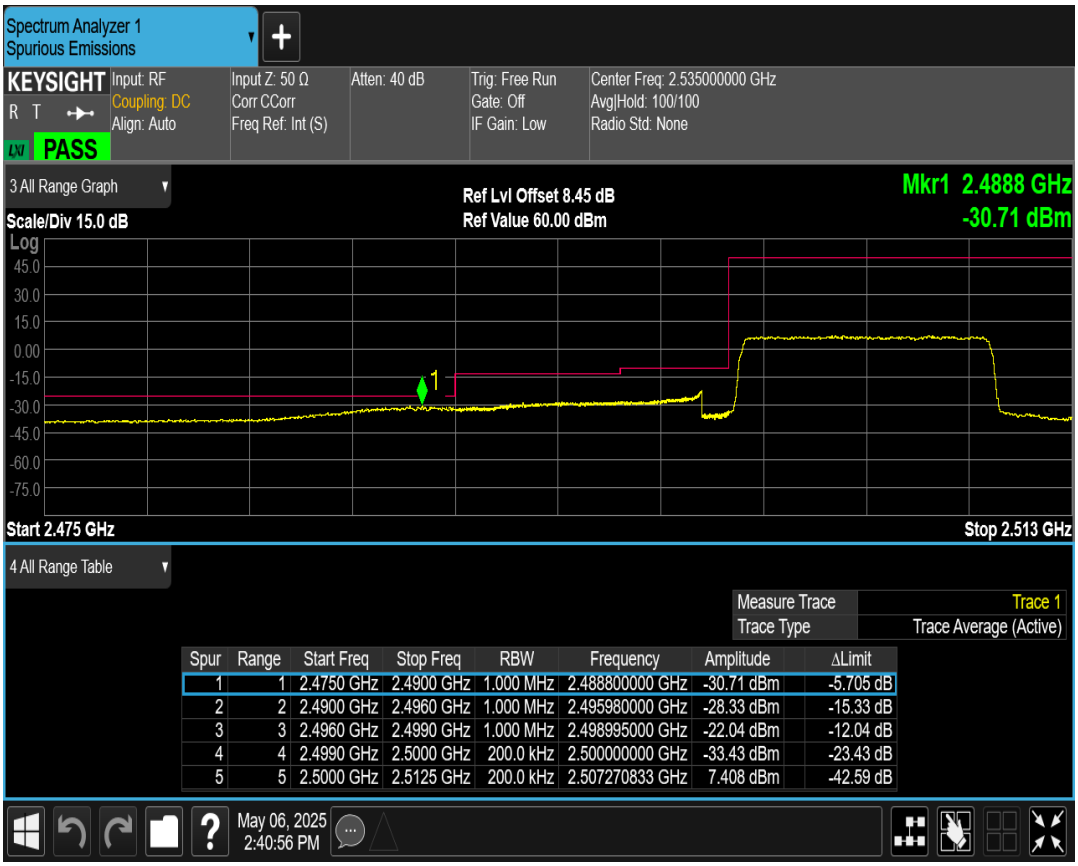
Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



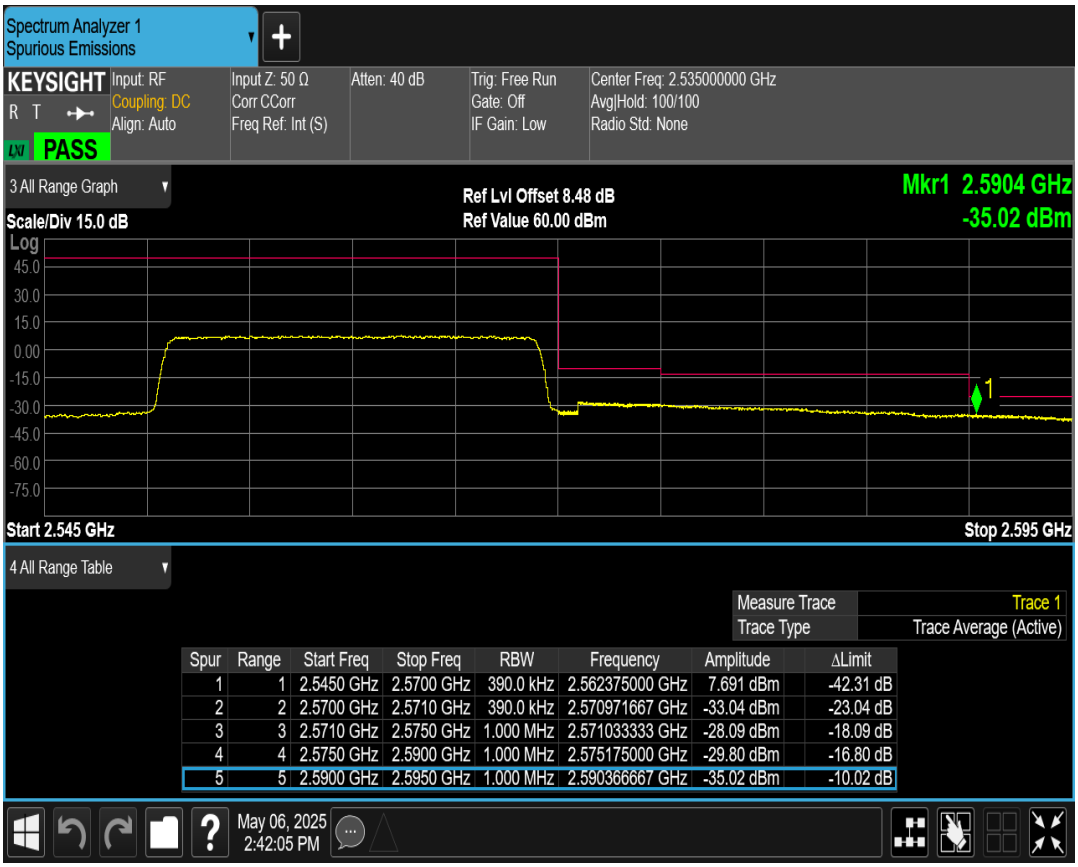
Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



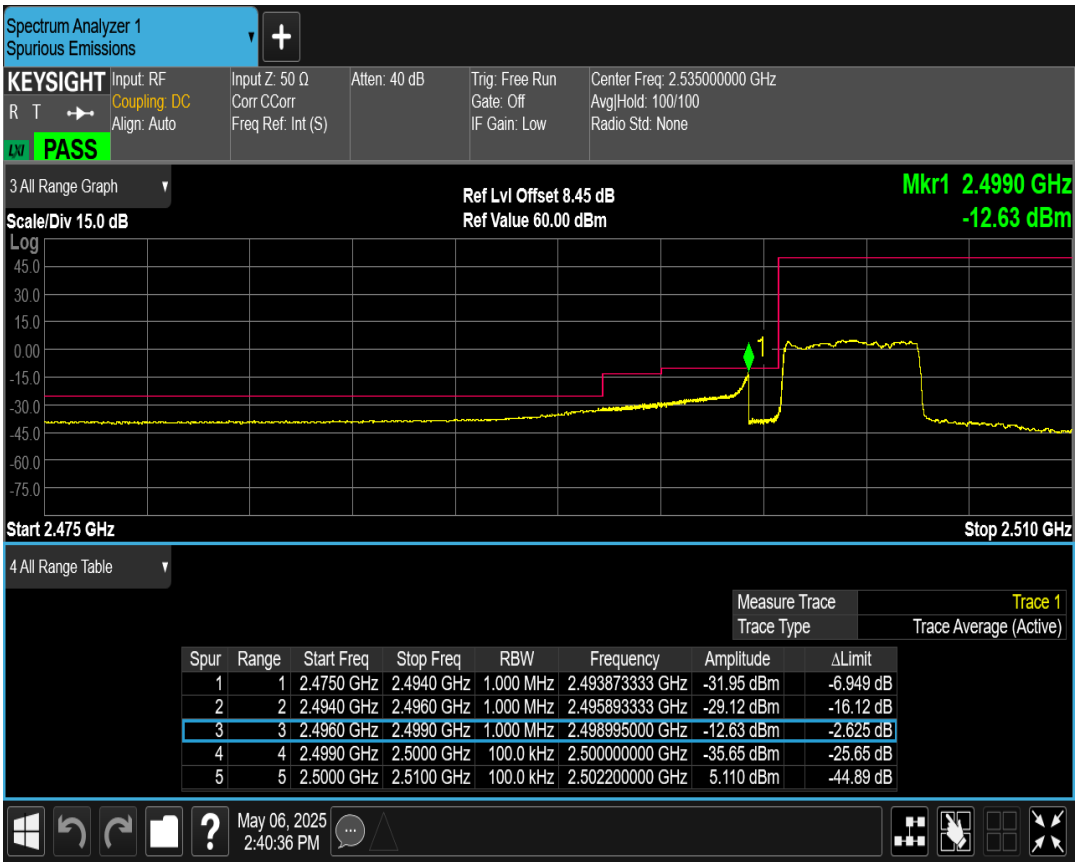
Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



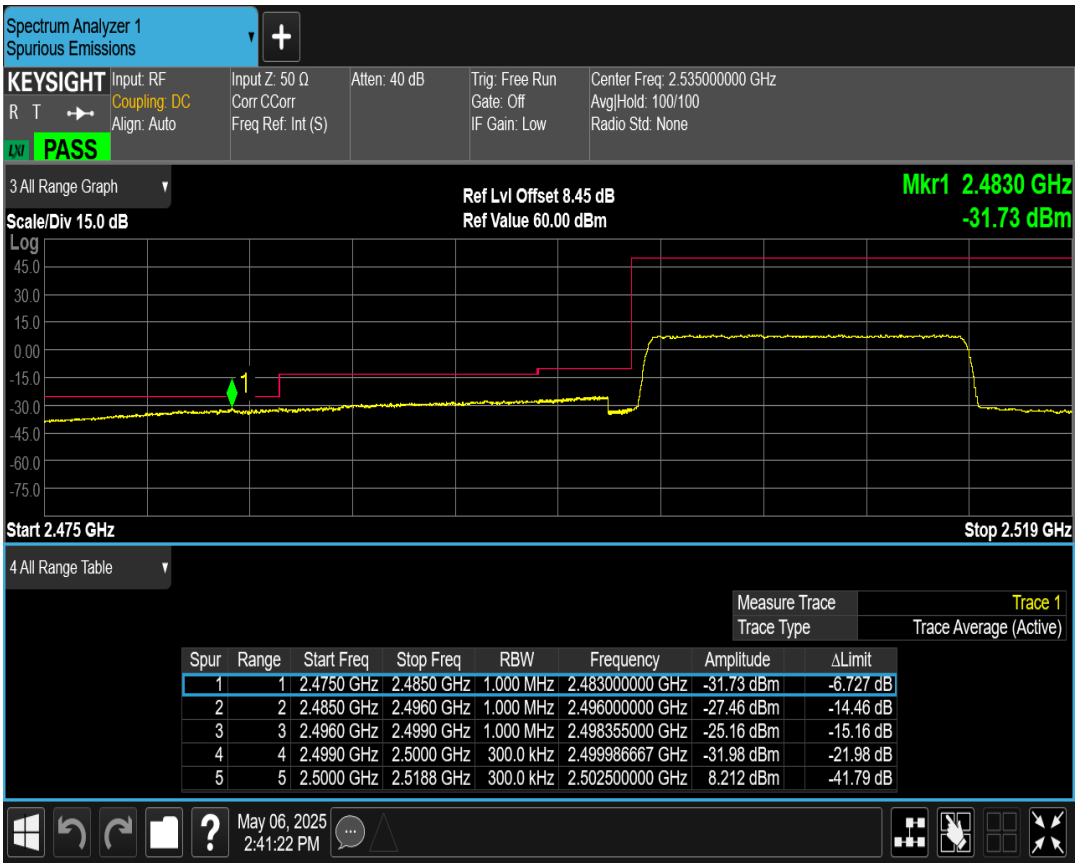
Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



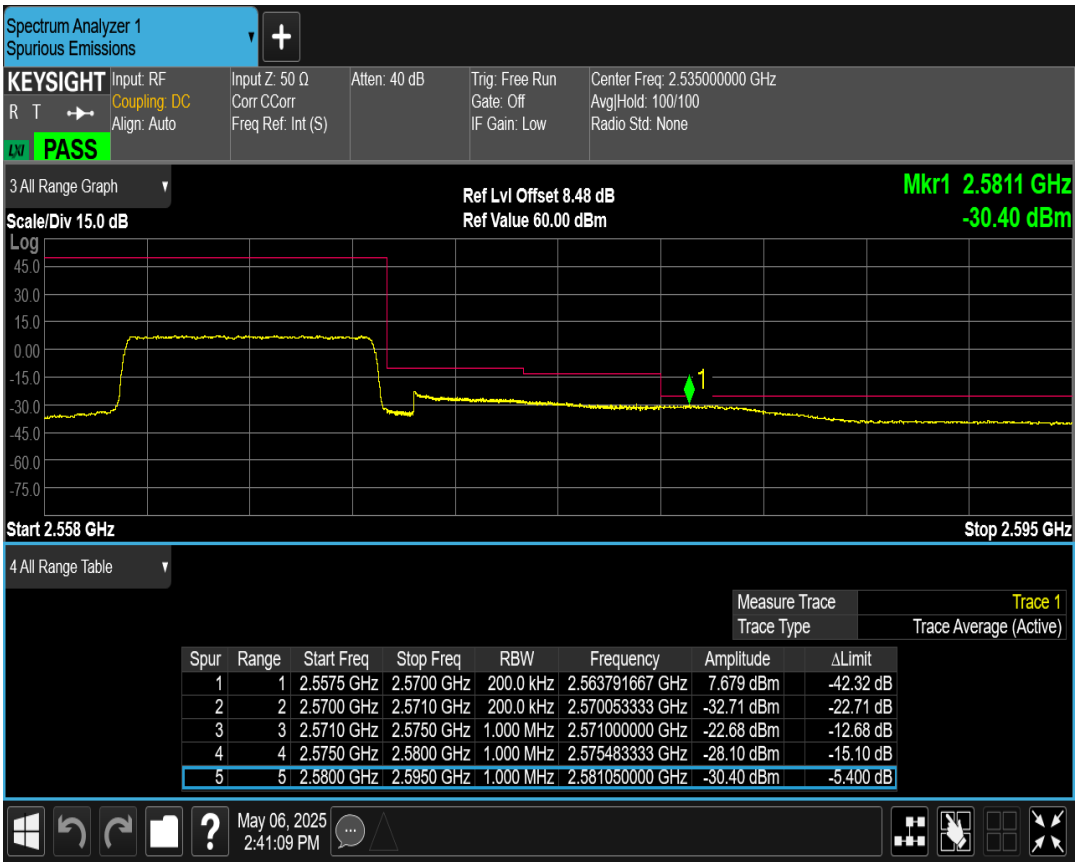
Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



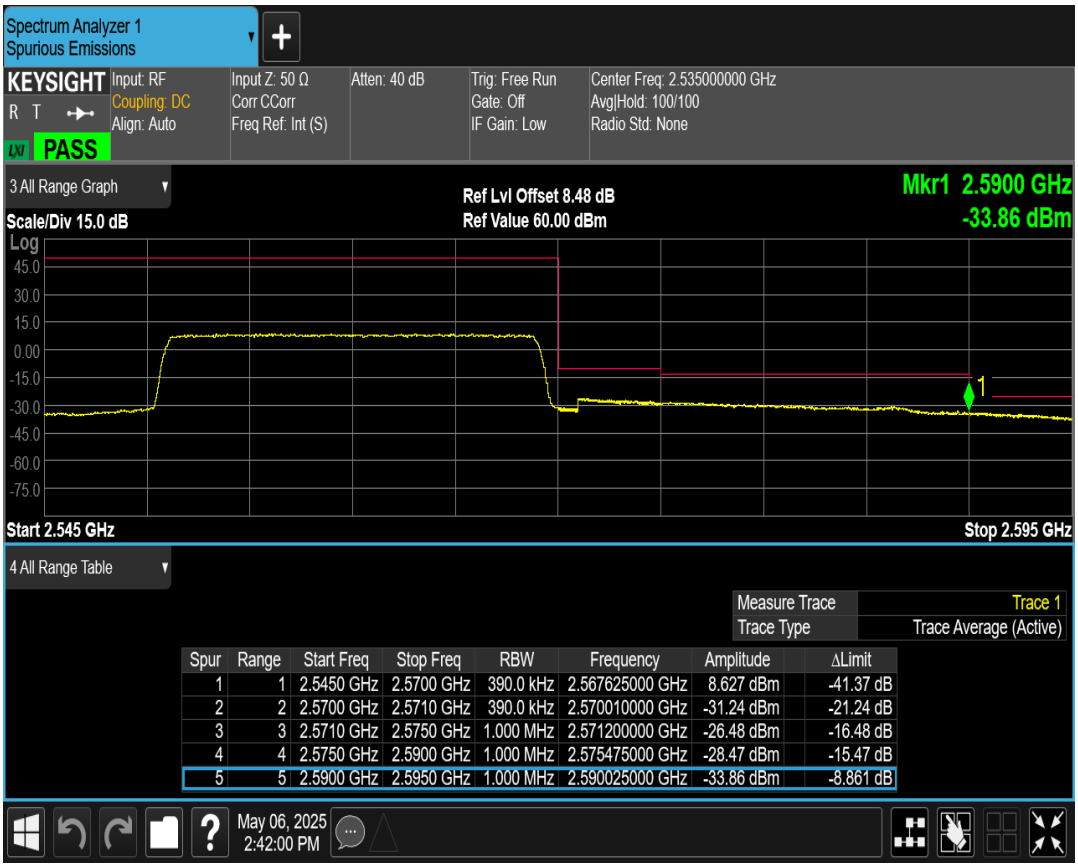
Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



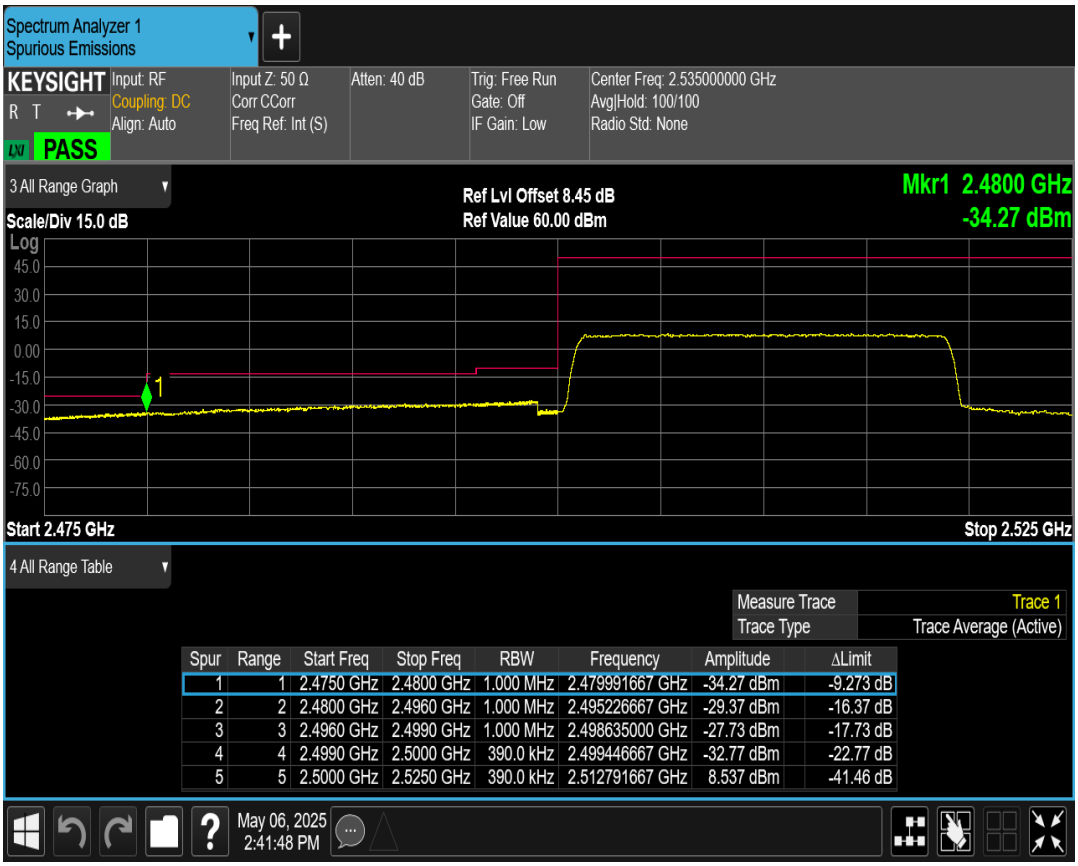
Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



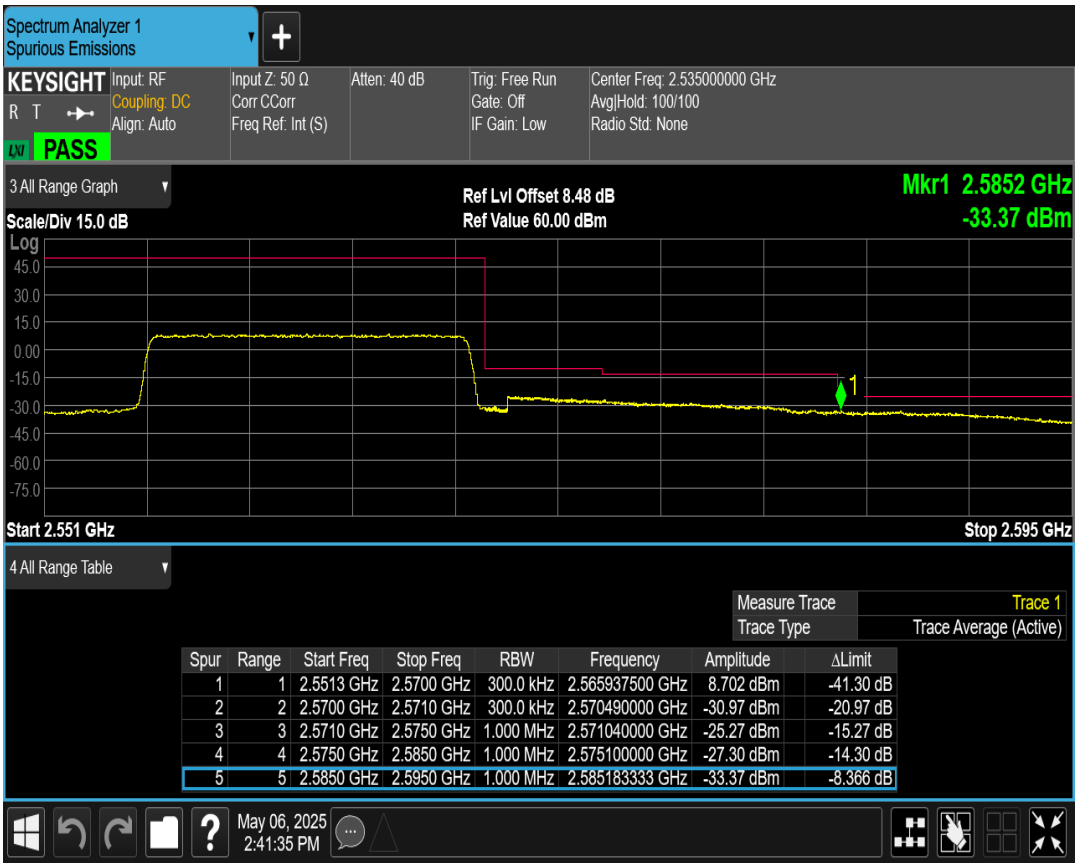
Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



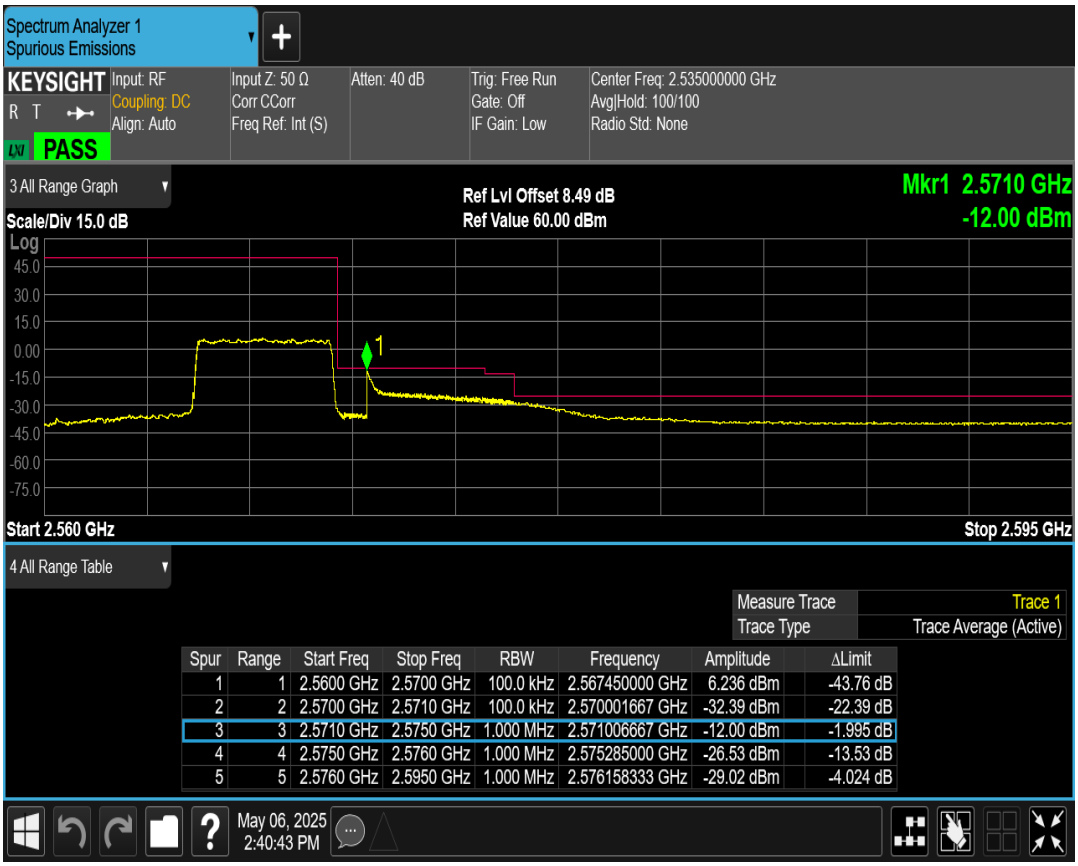
Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



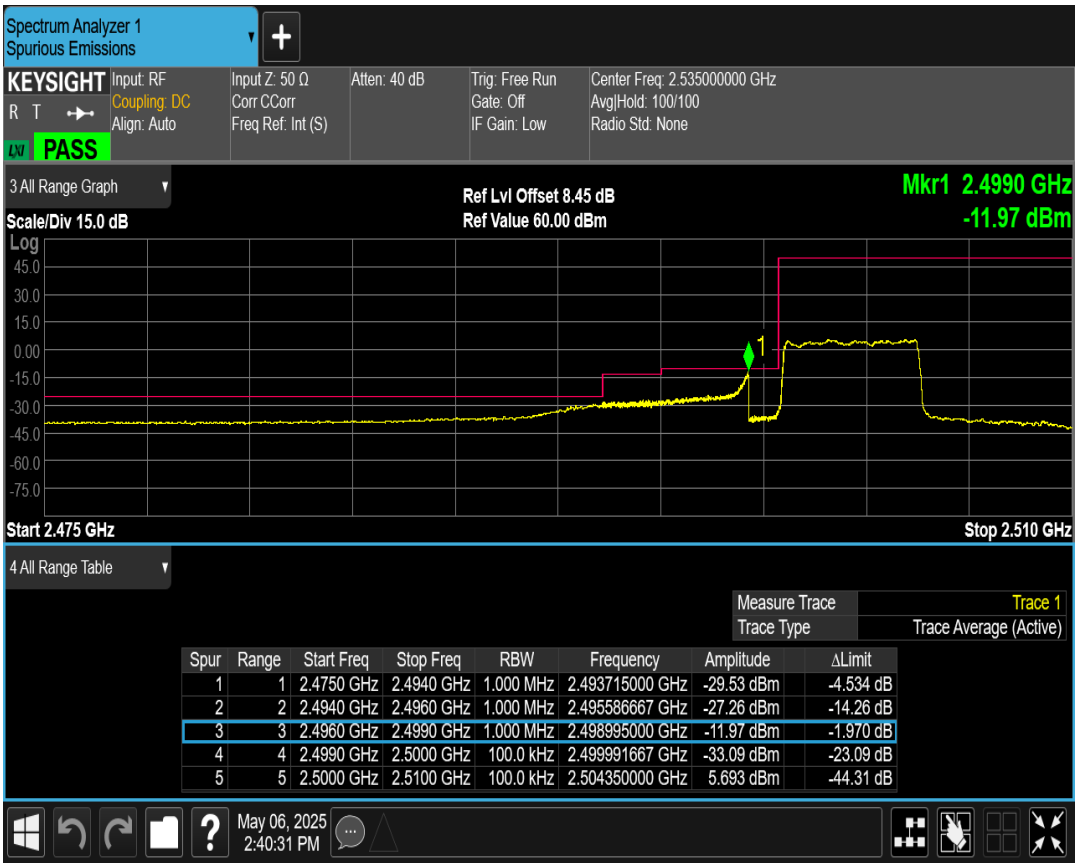
Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0

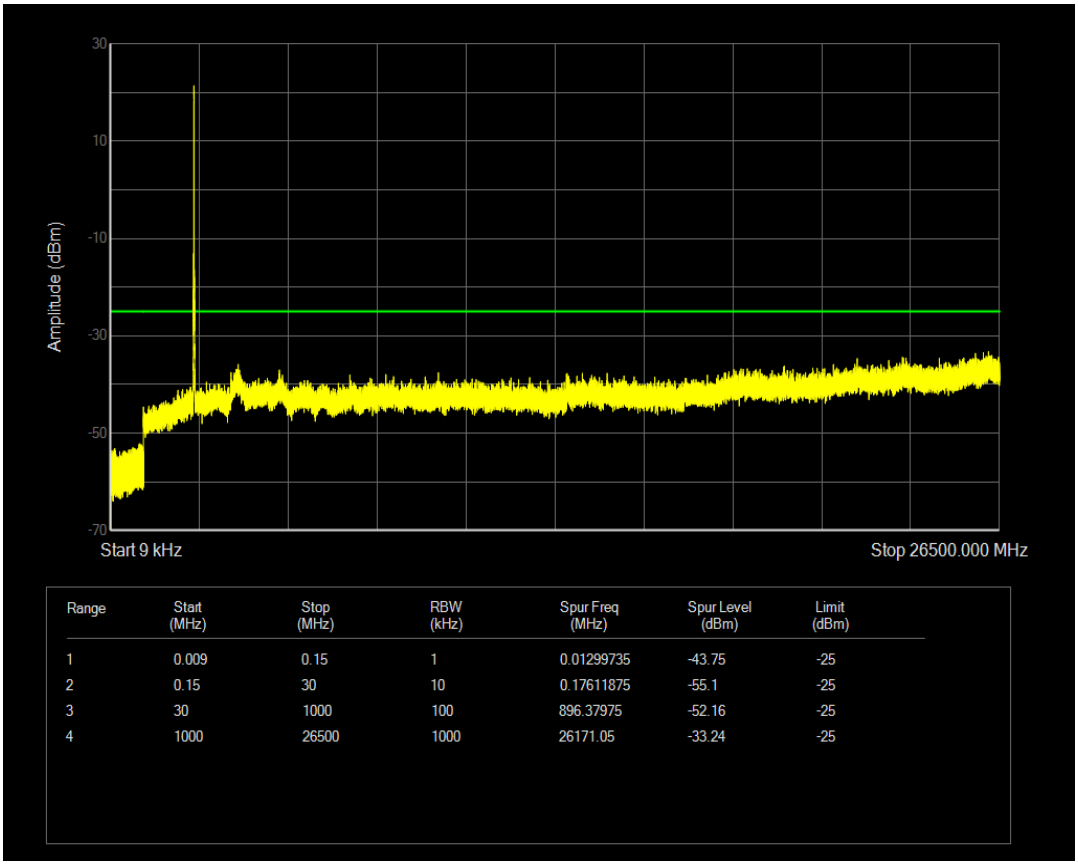


Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	ΔLimit
1	1	2.4750 GHz	2.4940 GHz	1.000 MHz	2.493715000 GHz	-29.53 dBm	-4.534 dB
2	2	2.4940 GHz	2.4960 GHz	1.000 MHz	2.495586667 GHz	-27.26 dBm	-14.26 dB
3	3	2.4960 GHz	2.4990 GHz	1.000 MHz	2.498995000 GHz	-11.97 dBm	-1.970 dB
4	4	2.4990 GHz	2.5000 GHz	100.0 kHz	2.499991667 GHz	-33.09 dBm	-23.09 dB
5	5	2.5000 GHz	2.5100 GHz	100.0 kHz	2.504350000 GHz	5.693 dBm	-44.31 dB

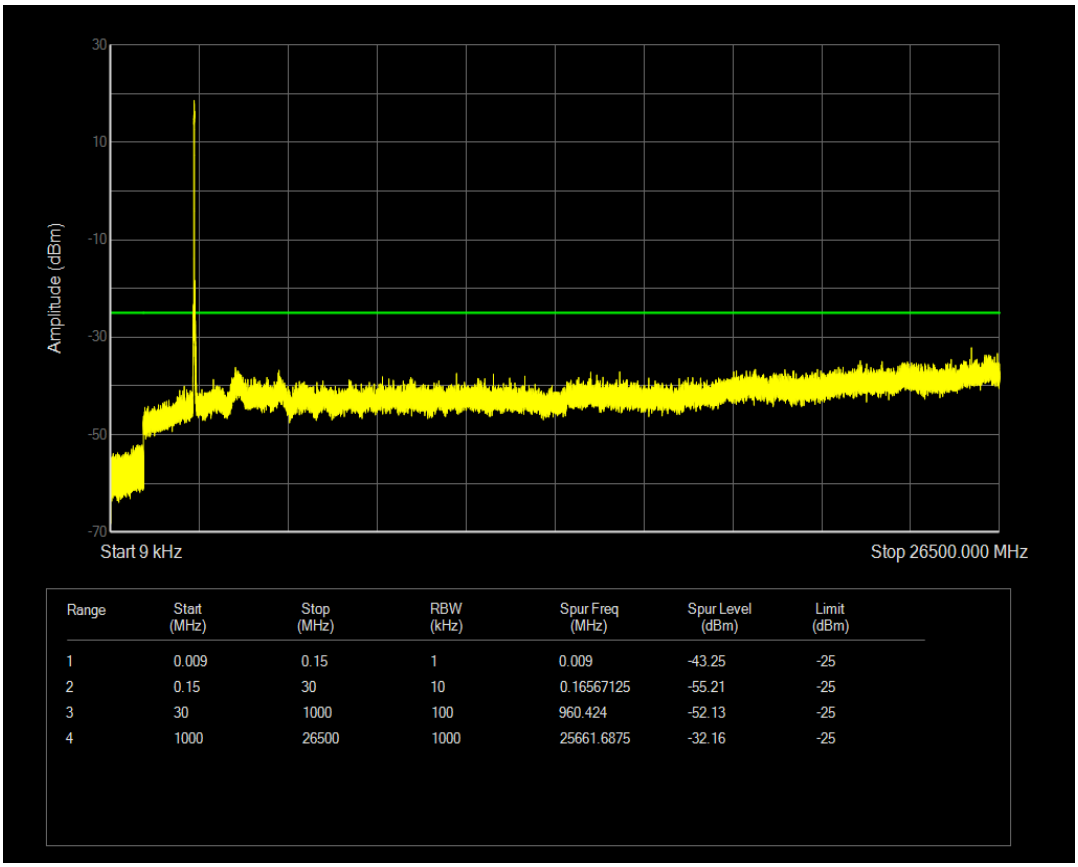
06 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band7	5	20775	25	#0	QPSK	25798.75	-33.26	-25	PASS
Band7	5	20775	25	#0	16QAM	26167.23	-32.21	-25	PASS
Band7	5	21425	25	#0	QPSK	26183.16	-33.89	-25	PASS
Band7	5	21425	25	#0	16QAM	26144.91	-33.64	-25	PASS
Band7	10	20800	50	#0	QPSK	25660.41	-32.41	-25	PASS
Band7	10	20800	50	#0	16QAM	26171.05	-33.24	-25	PASS
Band7	10	21400	50	#0	QPSK	26161.49	-32.28	-25	PASS
Band7	10	21400	50	#0	16QAM	26203.56	-32.44	-25	PASS
Band7	15	20825	75	#0	QPSK	26234.16	-32.77	-25	PASS
Band7	15	20825	75	#0	16QAM	26175.51	-33.24	-25	PASS
Band7	15	21375	75	#0	QPSK	26219.50	-31.89	-25	PASS
Band7	15	21375	75	#0	16QAM	26259.03	-32.88	-25	PASS
Band7	20	20850	100	#0	QPSK	25441.11	-33.56	-25	PASS
Band7	20	20850	100	#0	16QAM	25661.69	-32.16	-25	PASS
Band7	20	21350	100	#0	QPSK	26458.56	-33.45	-25	PASS
Band7	20	21350	100	#0	16QAM	25684.64	-32.69	-25	PASS

Band7 16QAM BW=10MHz Channel=20800 RB Size=50 Position=#0

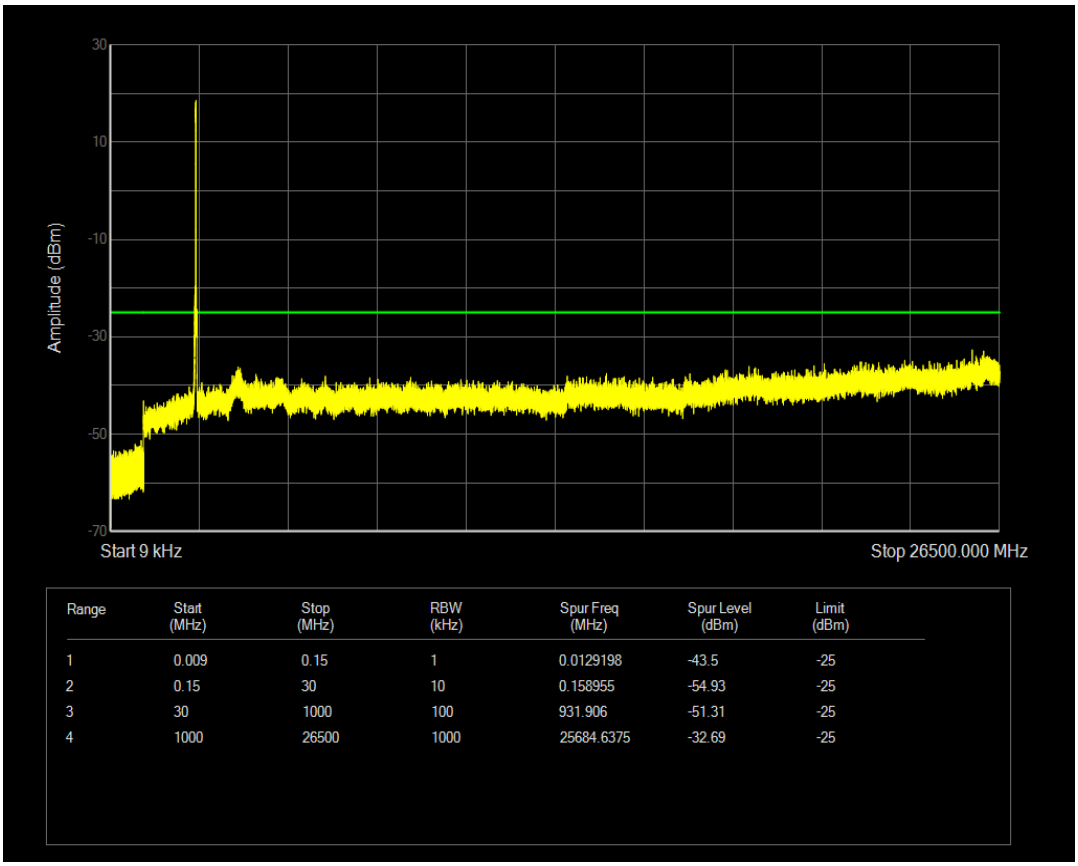


Band7 16QAM BW=20MHz Channel=20850 RB Size=100 Position=#0



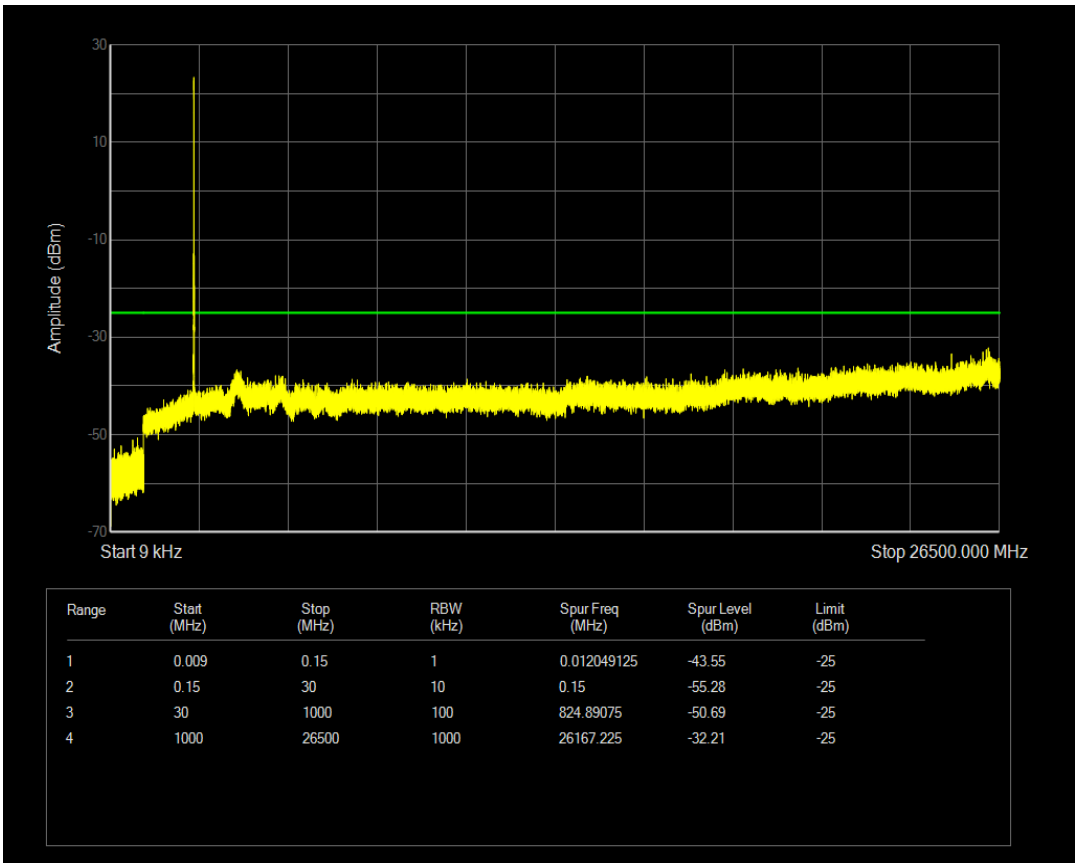
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.25	-25
2	0.15	30	10	0.16567125	-55.21	-25
3	30	1000	100	960.424	-52.13	-25
4	1000	26500	1000	25661.6875	-32.16	-25

Band7 16QAM BW=20MHz Channel=21350 RB Size=100 Position=#0



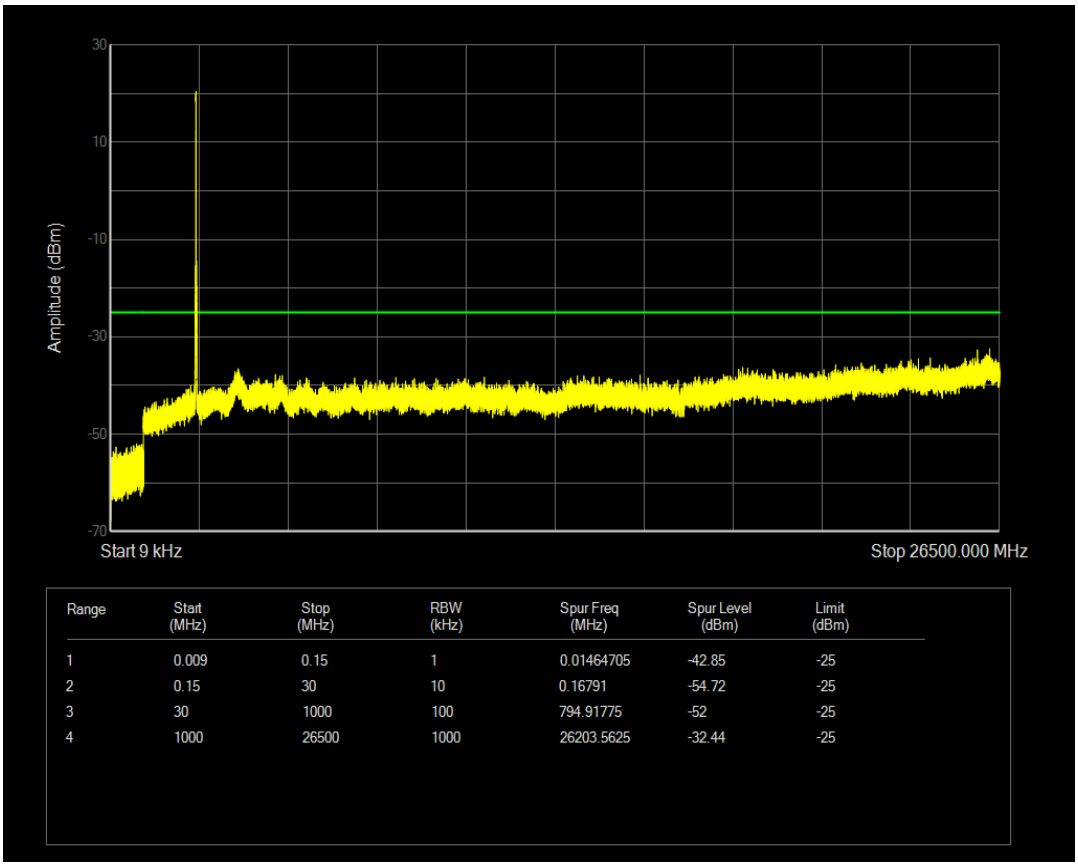
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0129198	-43.5	-25
2	0.15	30	10	0.158955	-54.93	-25
3	30	1000	100	931.906	-51.31	-25
4	1000	26500	1000	25684.6375	-32.69	-25

Band7 16QAM BW=5MHz Channel=20775 RB Size=25 Position=#0



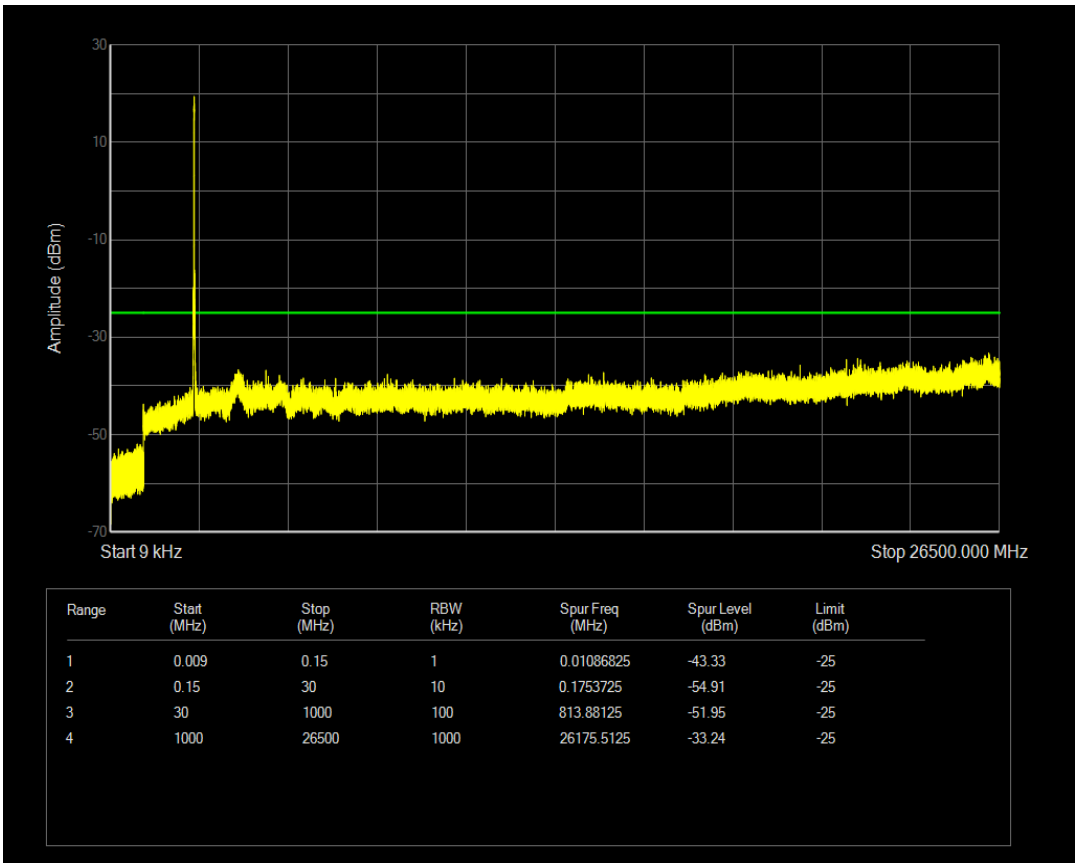
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.012049125	-43.55	-25
2	0.15	30	10	0.15	-55.28	-25
3	30	1000	100	824.89075	-50.69	-25
4	1000	26500	1000	26167.225	-32.21	-25

Band7 16QAM BW=10MHz Channel=21400 RB Size=50 Position=#0



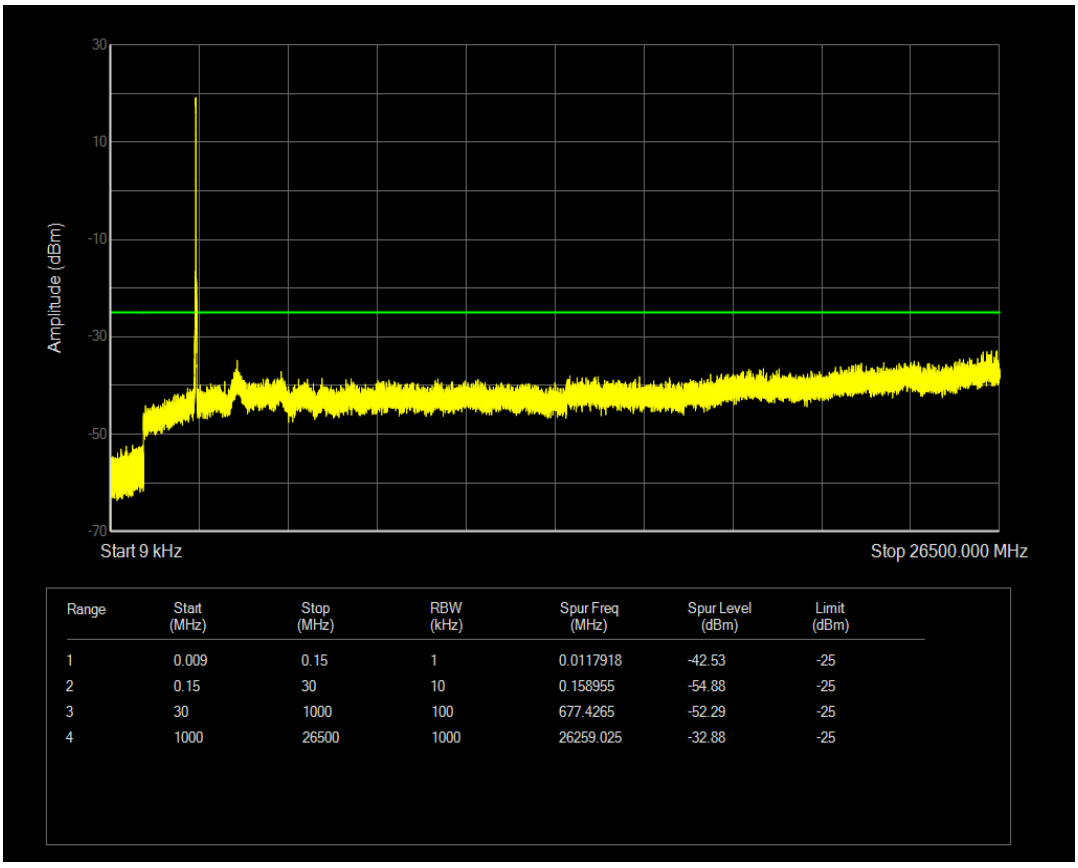
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01464705	-42.85	-25
2	0.15	30	10	0.16791	-54.72	-25
3	30	1000	100	794.91775	-52	-25
4	1000	26500	1000	26203.5625	-32.44	-25

Band7 16QAM BW=15MHz Channel=20825 RB Size=75 Position=#0



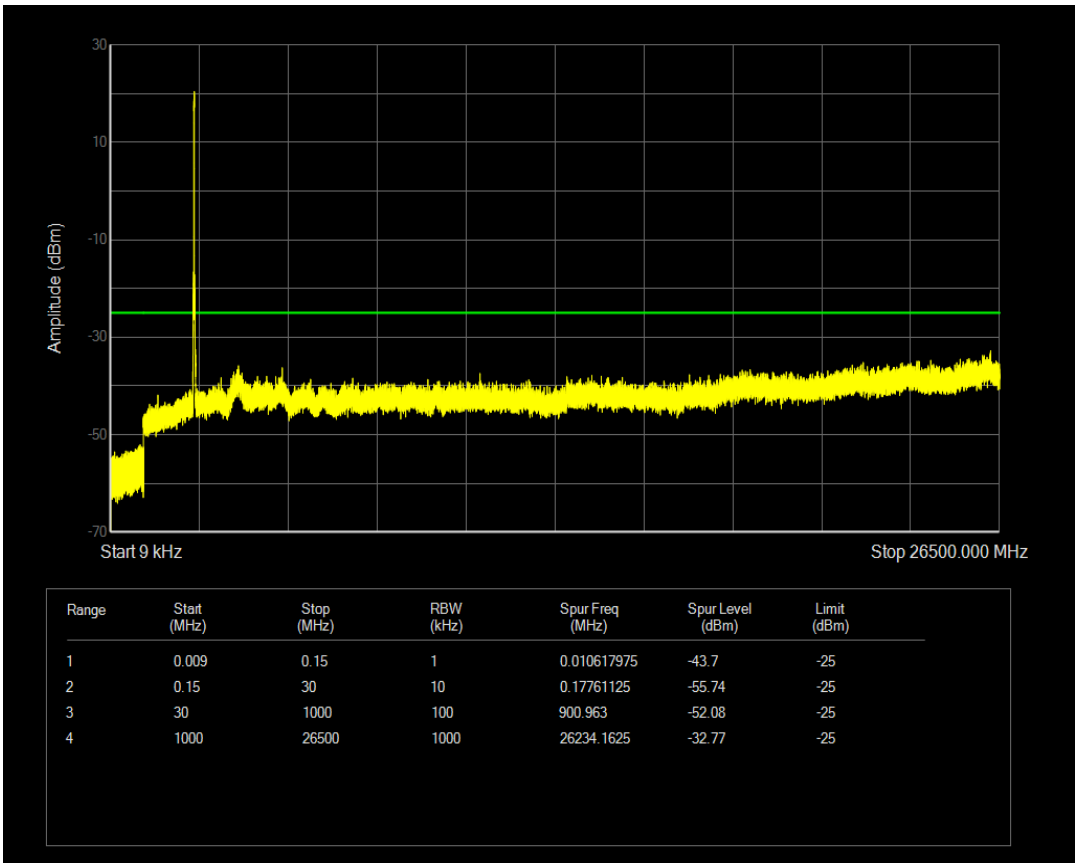
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01086825	-43.33	-25
2	0.15	30	10	0.1753725	-54.91	-25
3	30	1000	100	813.88125	-51.95	-25
4	1000	26500	1000	26175.5125	-33.24	-25

Band7 16QAM BW=15MHz Channel=21375 RB Size=75 Position=#0



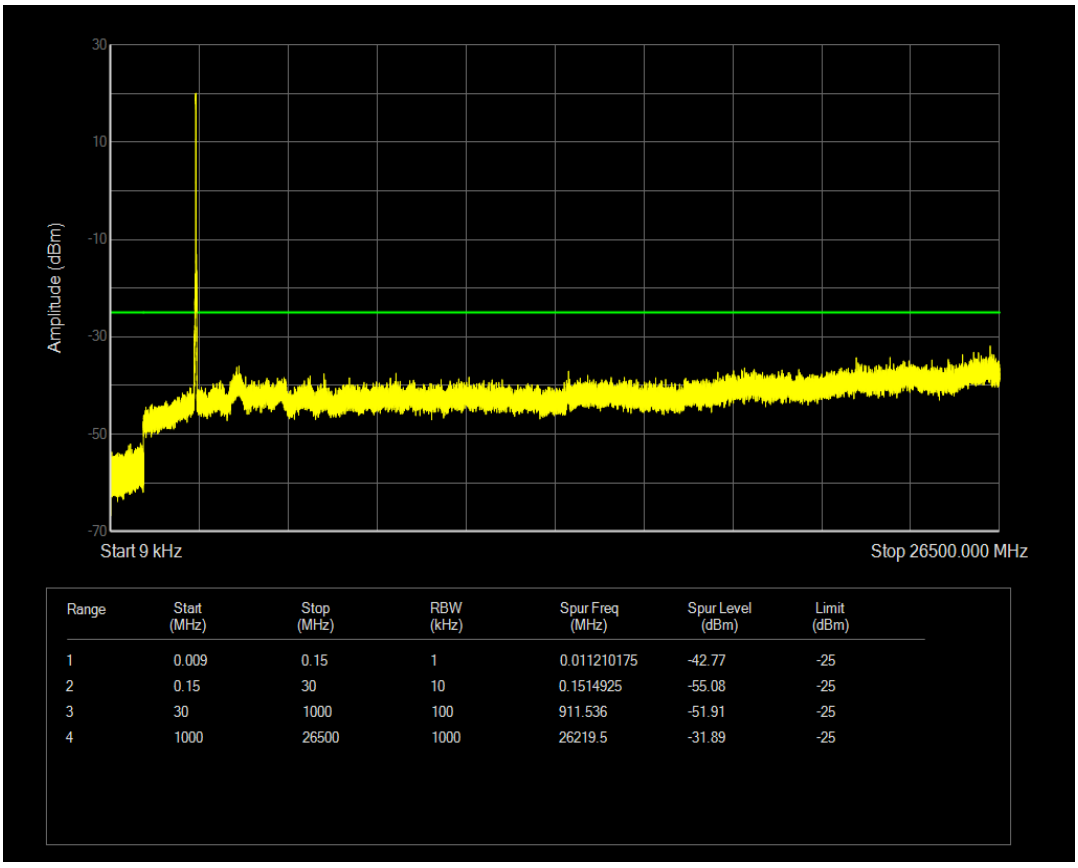
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0117918	-42.53	-25
2	0.15	30	10	0.158955	-54.88	-25
3	30	1000	100	677.4265	-52.29	-25
4	1000	26500	1000	26259.025	-32.88	-25

Band7 QPSK BW=15MHz Channel=20825 RB Size=75 Position=#0



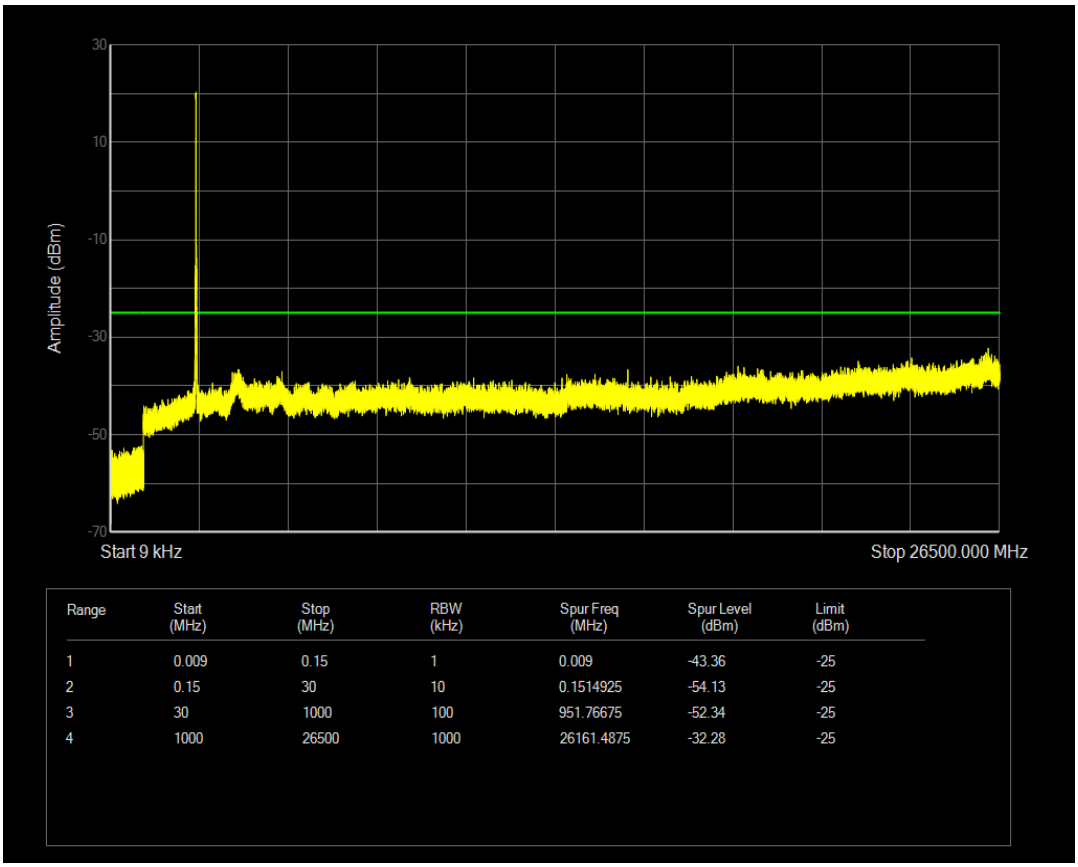
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010617975	-43.7	-25
2	0.15	30	10	0.17761125	-55.74	-25
3	30	1000	100	900.963	-52.08	-25
4	1000	26500	1000	26234.1625	-32.77	-25

Band7 QPSK BW=15MHz Channel=21375 RB Size=75 Position=#0



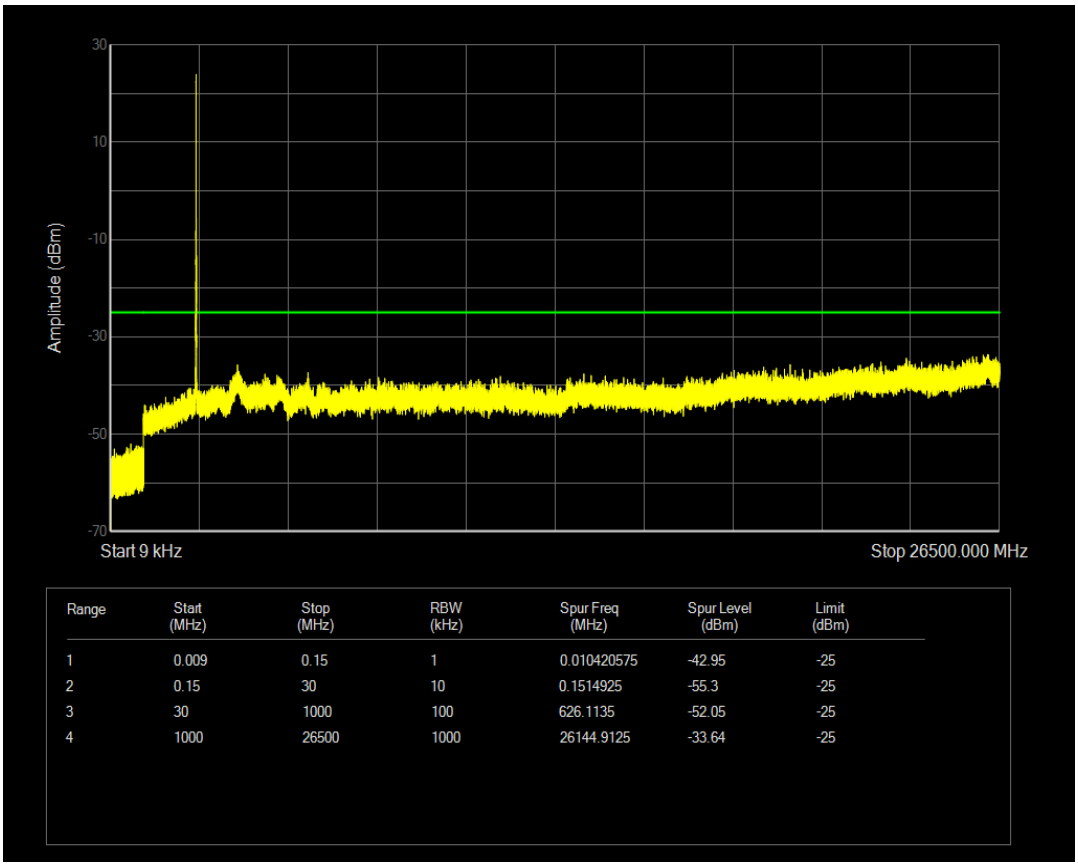
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.011210175	-42.77	-25
2	0.15	30	10	0.1514925	-55.08	-25
3	30	1000	100	911.536	-51.91	-25
4	1000	26500	1000	26219.5	-31.89	-25

Band7 QPSK BW=10MHz Channel=21400 RB Size=50 Position=#0



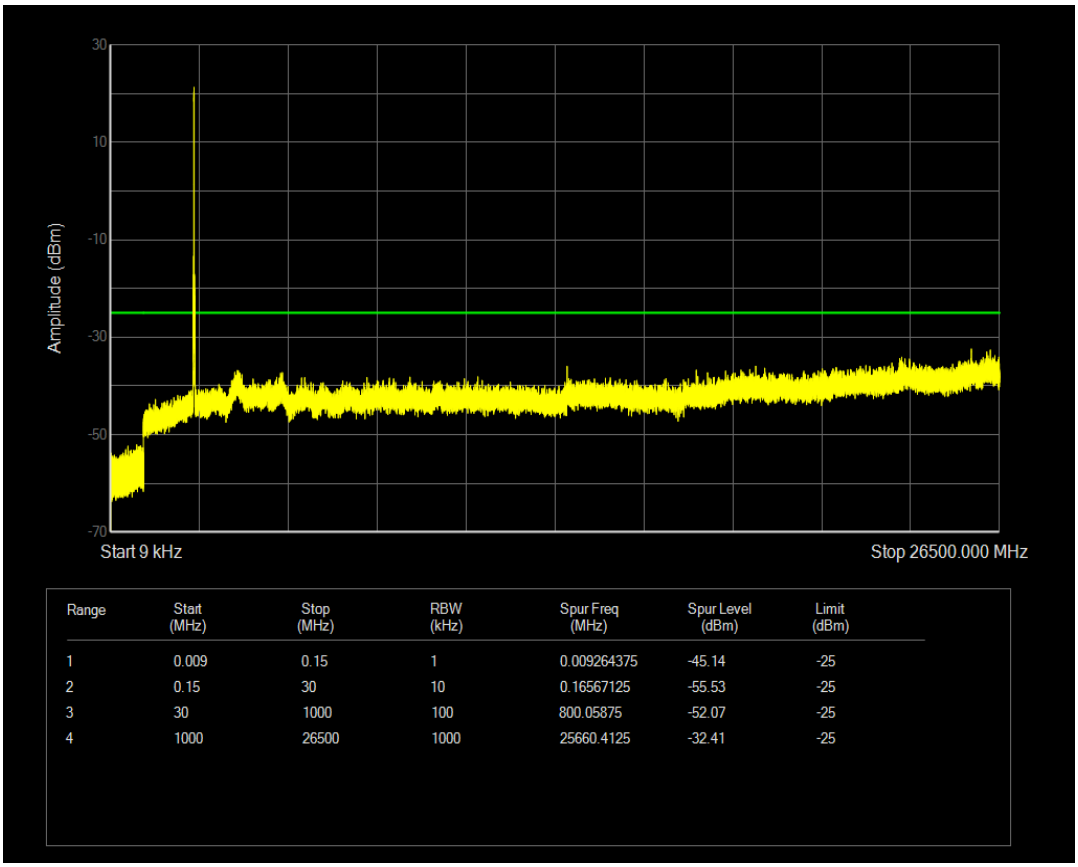
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-43.36	-25
2	0.15	30	10	0.1514925	-54.13	-25
3	30	1000	100	951.76675	-52.34	-25
4	1000	26500	1000	26161.4875	-32.28	-25

Band7 16QAM BW=5MHz Channel=21425 RB Size=25 Position=#0



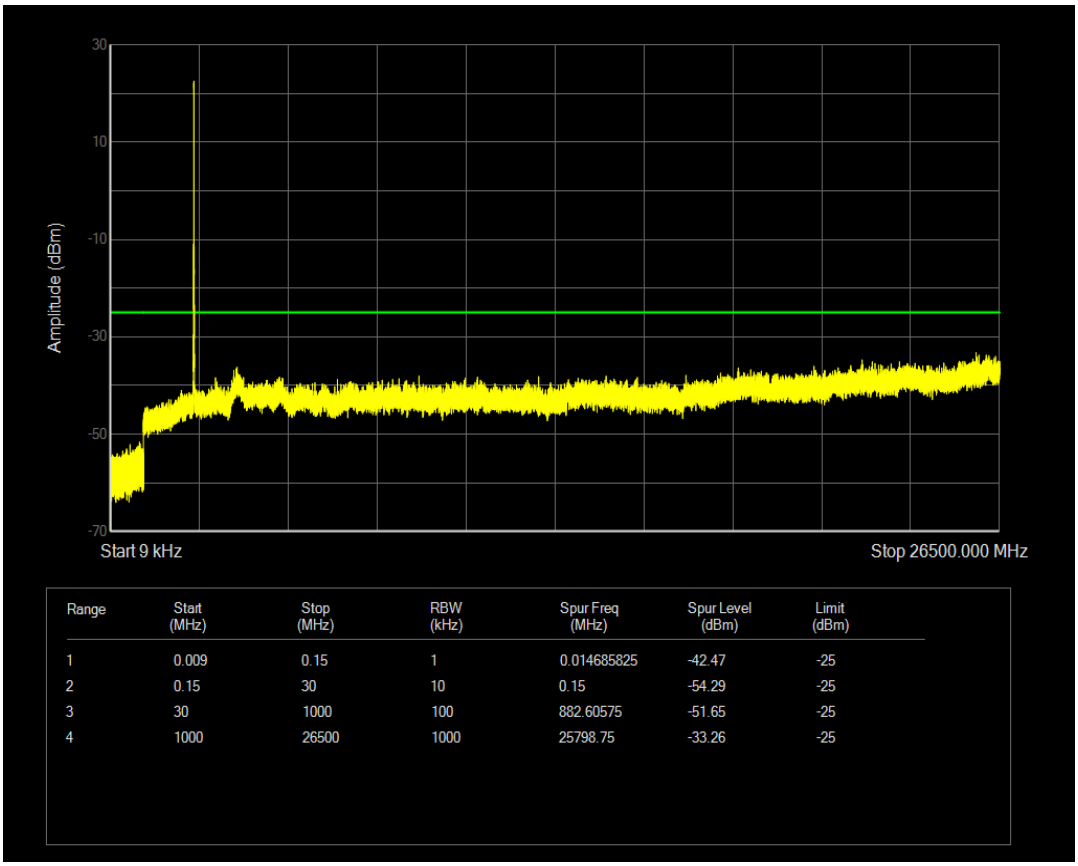
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.010420575	-42.95	-25
2	0.15	30	10	0.1514925	-55.3	-25
3	30	1000	100	626.1135	-52.05	-25
4	1000	26500	1000	26144.9125	-33.64	-25

Band7 QPSK BW=10MHz Channel=20800 RB Size=50 Position=#0



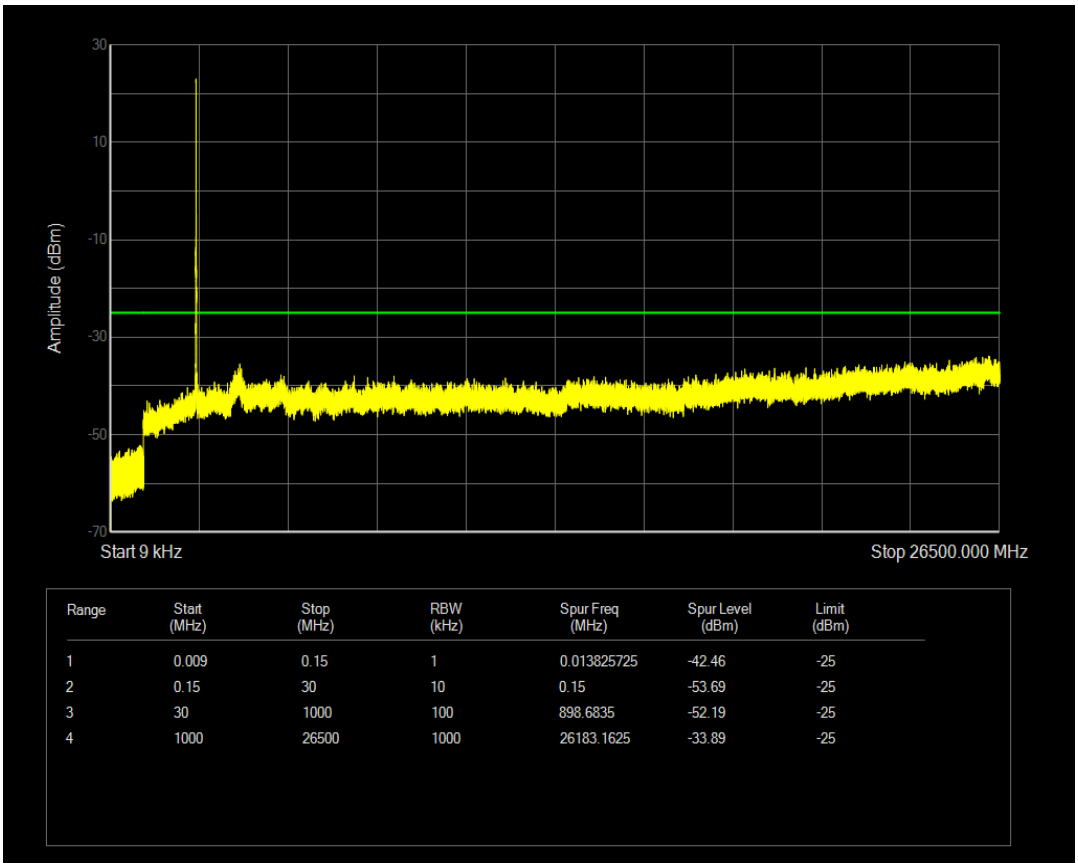
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009264375	-45.14	-25
2	0.15	30	10	0.16567125	-55.53	-25
3	30	1000	100	800.05875	-52.07	-25
4	1000	26500	1000	25660.4125	-32.41	-25

Band7 QPSK BW=5MHz Channel=20775 RB Size=25 Position=#0



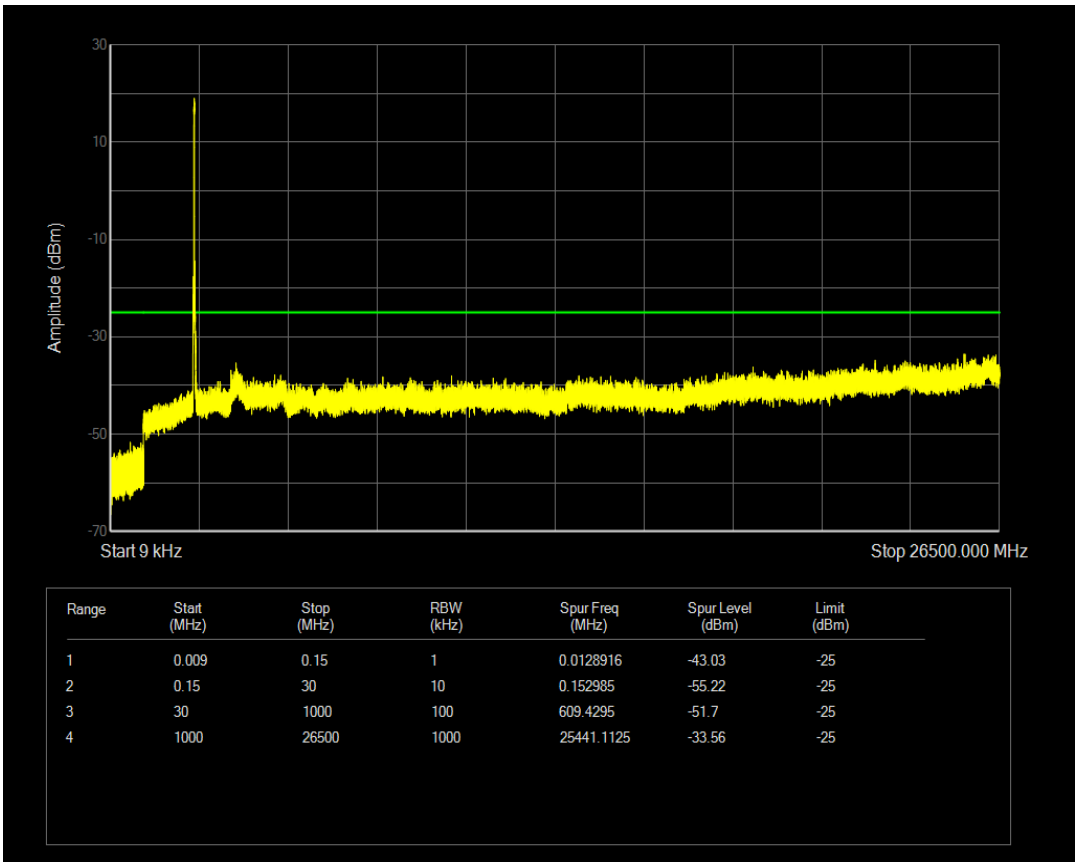
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.014685825	-42.47	-25
2	0.15	30	10	0.15	-54.29	-25
3	30	1000	100	882.60575	-51.65	-25
4	1000	26500	1000	25798.75	-33.26	-25

Band7 QPSK BW=5MHz Channel=21425 RB Size=25 Position=#0



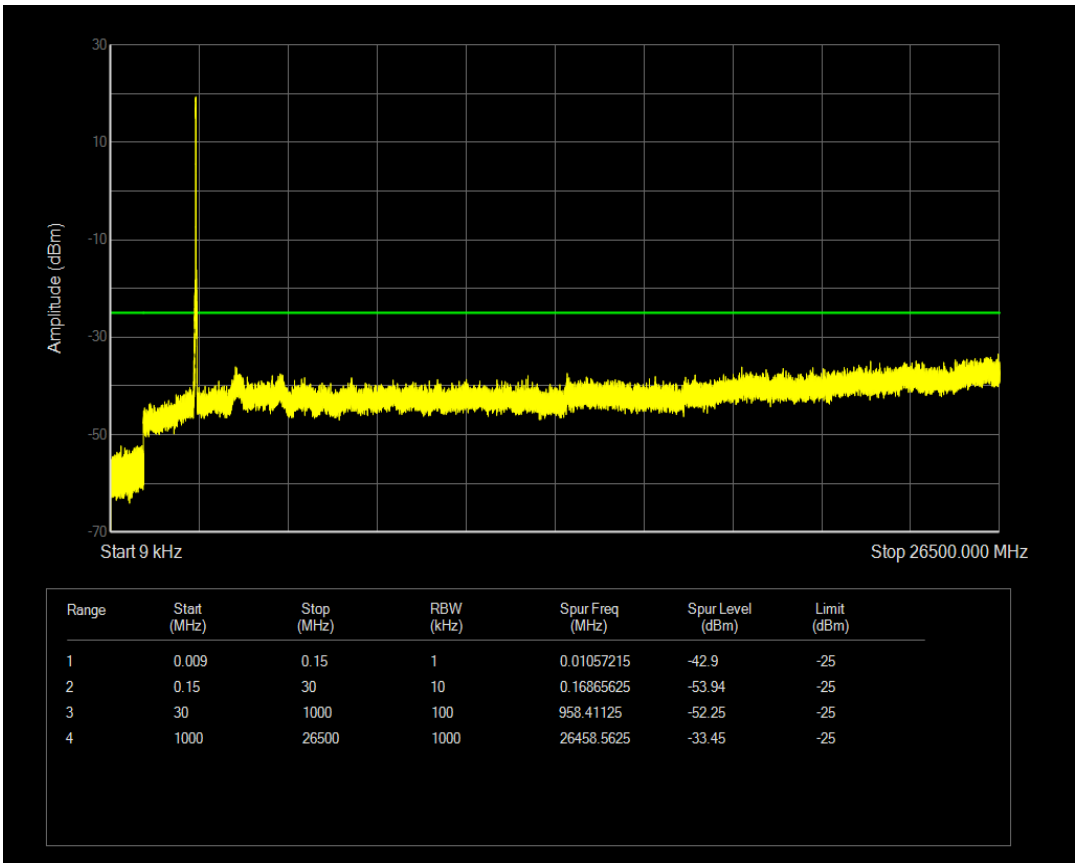
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.013825725	-42.46	-25
2	0.15	30	10	0.15	-53.69	-25
3	30	1000	100	898.6835	-52.19	-25
4	1000	26500	1000	26183.1625	-33.89	-25

Band7 QPSK BW=20MHz Channel=20850 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0128916	-43.03	-25
2	0.15	30	10	0.152985	-55.22	-25
3	30	1000	100	609.4295	-51.7	-25
4	1000	26500	1000	25441.1125	-33.56	-25

Band7 QPSK BW=20MHz Channel=21350 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.01057215	-42.9	-25
2	0.15	30	10	0.16865625	-53.94	-25
3	30	1000	100	958.41125	-52.25	-25
4	1000	26500	1000	26458.5625	-33.45	-25

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted output power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
Band7	5	20775	1	#0	QPSK	23.08	-0.44	22.78	33.01	PASS
Band7	5	20775	1	#Mid	QPSK	23.18	-0.44	22.7	33.01	PASS
Band7	5	20775	1	#Max	QPSK	23.17	-0.44	21.79	33.01	PASS
Band7	5	20775	12	#0	QPSK	22.06	-0.44	21.85	33.01	PASS
Band7	5	20775	12	#Mid	QPSK	22.14	-0.44	21.81	33.01	PASS
Band7	5	20775	12	#Max	QPSK	22.19	-0.44	21.84	33.01	PASS
Band7	5	20775	25	#0	QPSK	22.14	-0.44	22.71	33.01	PASS
Band7	5	20775	1	#0	QAM16	23.09	-0.44	22.75	33.01	PASS
Band7	5	20775	1	#Mid	QAM16	23.17	-0.44	22.71	33.01	PASS
Band7	5	20775	1	#Max	QAM16	23.15	-0.44	21.8	33.01	PASS
Band7	5	20775	12	#0	QAM16	22.07	-0.44	21.84	33.01	PASS
Band7	5	20775	12	#Mid	QAM16	22.13	-0.44	21.82	33.01	PASS
Band7	5	20775	12	#Max	QAM16	22.17	-0.44	21.83	33.01	PASS
Band7	5	20775	25	#0	QAM16	22.13	-0.44	22.84	33.01	PASS
Band7	5	21100	1	#0	QPSK	23.17	-0.44	22.95	33.01	PASS
Band7	5	21100	1	#Mid	QPSK	23.22	-0.44	22.78	33.01	PASS
Band7	5	21100	1	#Max	QPSK	23.14	-0.44	22.7	33.01	PASS
Band7	5	21100	12	#0	QPSK	22.23	-0.44	21.79	33.01	PASS
Band7	5	21100	12	#Mid	QPSK	22.29	-0.44	21.85	33.01	PASS
Band7	5	21100	12	#Max	QPSK	22.25	-0.44	21.81	33.01	PASS
Band7	5	21100	25	#0	QPSK	22.28	-0.44	21.84	33.01	PASS
Band7	5	21100	1	#0	QAM16	23.15	-0.44	22.71	33.01	PASS
Band7	5	21100	1	#Mid	QAM16	23.19	-0.44	22.75	33.01	PASS
Band7	5	21100	1	#Max	QAM16	23.15	-0.44	22.71	33.01	PASS
Band7	5	21100	12	#0	QAM16	22.24	-0.44	21.8	33.01	PASS
Band7	5	21100	12	#Mid	QAM16	22.28	-0.44	21.84	33.01	PASS
Band7	5	21100	12	#Max	QAM16	22.26	-0.44	21.82	33.01	PASS
Band7	5	21100	25	#0	QAM16	22.27	-0.44	21.83	33.01	PASS
Band7	5	21425	1	#0	QPSK	23.28	-0.44	22.84	33.01	PASS
Band7	5	21425	1	#Mid	QPSK	23.39	-0.44	22.95	33.01	PASS
Band7	5	21425	1	#Max	QPSK	23.38	-0.44	22.94	33.01	PASS
Band7	5	21425	12	#0	QPSK	22.31	-0.44	21.87	33.01	PASS
Band7	5	21425	12	#Mid	QPSK	22.40	-0.44	21.96	33.01	PASS
Band7	5	21425	12	#Max	QPSK	22.38	-0.44	21.94	33.01	PASS
Band7	5	21425	25	#0	QPSK	22.36	-0.44	21.92	33.01	PASS
Band7	5	21425	1	#0	QAM16	23.30	-0.44	22.86	33.01	PASS
Band7	5	21425	1	#Mid	QAM16	23.39	-0.44	22.95	33.01	PASS
Band7	5	21425	1	#Max	QAM16	23.35	-0.44	22.91	33.01	PASS

Band7	5	21425	12	#0	QAM16	22.30	-0.44	21.86	33.01	PASS
Band7	5	21425	12	#Mid	QAM16	22.38	-0.44	21.94	33.01	PASS
Band7	5	21425	12	#Max	QAM16	22.40	-0.44	21.96	33.01	PASS
Band7	5	21425	25	#0	QAM16	22.39	-0.44	21.95	33.01	PASS
Band7	10	20800	1	#0	QPSK	23.13	-0.44	22.69	33.01	PASS
Band7	10	20800	1	#Mid	QPSK	23.21	-0.44	22.77	33.01	PASS
Band7	10	20800	1	#Max	QPSK	23.20	-0.44	22.76	33.01	PASS
Band7	10	20800	25	#0	QPSK	22.17	-0.44	21.73	33.01	PASS
Band7	10	20800	25	#Mid	QPSK	22.28	-0.44	21.84	33.01	PASS
Band7	10	20800	25	#Max	QPSK	22.22	-0.44	21.78	33.01	PASS
Band7	10	20800	50	#0	QPSK	22.22	-0.44	21.78	33.01	PASS
Band7	10	20800	1	#0	QAM16	23.14	-0.44	22.7	33.01	PASS
Band7	10	20800	1	#Mid	QAM16	23.24	-0.44	22.8	33.01	PASS
Band7	10	20800	1	#Max	QAM16	23.25	-0.44	22.81	33.01	PASS
Band7	10	20800	25	#0	QAM16	22.13	-0.44	21.69	33.01	PASS
Band7	10	20800	25	#Mid	QAM16	22.25	-0.44	21.81	33.01	PASS
Band7	10	20800	25	#Max	QAM16	22.25	-0.44	21.81	33.01	PASS
Band7	10	20800	50	#0	QAM16	22.26	-0.44	21.82	33.01	PASS
Band7	10	21100	1	#0	QPSK	23.30	-0.44	22.86	33.01	PASS
Band7	10	21100	1	#Mid	QPSK	23.31	-0.44	22.87	33.01	PASS
Band7	10	21100	1	#Max	QPSK	23.25	-0.44	22.81	33.01	PASS
Band7	10	21100	25	#0	QPSK	22.29	-0.44	21.85	33.01	PASS
Band7	10	21100	25	#Mid	QPSK	22.32	-0.44	21.88	33.01	PASS
Band7	10	21100	25	#Max	QPSK	22.32	-0.44	21.88	33.01	PASS
Band7	10	21100	50	#0	QPSK	22.30	-0.44	21.86	33.01	PASS
Band7	10	21100	1	#0	QAM16	23.28	-0.44	22.84	33.01	PASS
Band7	10	21100	1	#Mid	QAM16	23.31	-0.44	22.87	33.01	PASS
Band7	10	21100	1	#Max	QAM16	23.31	-0.44	22.87	33.01	PASS
Band7	10	21100	25	#0	QAM16	22.22	-0.44	21.78	33.01	PASS
Band7	10	21100	25	#Mid	QAM16	22.34	-0.44	21.9	33.01	PASS
Band7	10	21100	25	#Max	QAM16	22.37	-0.44	21.93	33.01	PASS
Band7	10	21100	50	#0	QAM16	22.33	-0.44	21.89	33.01	PASS
Band7	10	21400	1	#0	QPSK	23.37	-0.44	22.93	33.01	PASS
Band7	10	21400	1	#Mid	QPSK	23.49	-0.44	23.05	33.01	PASS
Band7	10	21400	1	#Max	QPSK	23.50	-0.44	23.06	33.01	PASS
Band7	10	21400	25	#0	QPSK	22.27	-0.44	21.83	33.01	PASS
Band7	10	21400	25	#Mid	QPSK	22.36	-0.44	21.92	33.01	PASS
Band7	10	21400	25	#Max	QPSK	22.41	-0.44	21.97	33.01	PASS
Band7	10	21400	50	#0	QPSK	22.37	-0.44	21.93	33.01	PASS
Band7	10	21400	1	#0	QAM16	23.39	-0.44	22.95	33.01	PASS
Band7	10	21400	1	#Mid	QAM16	23.48	-0.44	23.04	33.01	PASS
Band7	10	21400	1	#Max	QAM16	23.55	-0.44	23.11	33.01	PASS
Band7	10	21400	25	#0	QAM16	22.30	-0.44	21.86	33.01	PASS
Band7	10	21400	25	#Mid	QAM16	22.36	-0.44	21.92	33.01	PASS

Band7	10	21400	25	#Max	QAM16	22.35	-0.44	21.91	33.01	PASS
Band7	10	21400	50	#0	QAM16	22.34	-0.44	21.9	33.01	PASS
Band7	15	20825	1	#0	QPSK	23.09	-0.44	22.65	33.01	PASS
Band7	15	20825	1	#Mid	QPSK	23.23	-0.44	22.79	33.01	PASS
Band7	15	20825	1	#Max	QPSK	23.15	-0.44	22.71	33.01	PASS
Band7	15	20825	36	#0	QPSK	22.20	-0.44	21.76	33.01	PASS
Band7	15	20825	36	#Mid	QPSK	22.28	-0.44	21.84	33.01	PASS
Band7	15	20825	36	#Max	QPSK	22.32	-0.44	21.88	33.01	PASS
Band7	15	20825	75	#0	QPSK	22.27	-0.44	21.83	33.01	PASS
Band7	15	20825	1	#0	QAM16	23.10	-0.44	22.66	33.01	PASS
Band7	15	20825	1	#Mid	QAM16	23.22	-0.44	22.78	33.01	PASS
Band7	15	20825	1	#Max	QAM16	23.16	-0.44	22.72	33.01	PASS
Band7	15	20825	36	#0	QAM16	22.19	-0.44	21.75	33.01	PASS
Band7	15	20825	36	#Mid	QAM16	22.31	-0.44	21.87	33.01	PASS
Band7	15	20825	36	#Max	QAM16	22.34	-0.44	21.9	33.01	PASS
Band7	15	20825	75	#0	QAM16	22.32	-0.44	21.88	33.01	PASS
Band7	15	21100	1	#0	QPSK	23.23	-0.44	22.79	33.01	PASS
Band7	15	21100	1	#Mid	QPSK	23.31	-0.44	22.87	33.01	PASS
Band7	15	21100	1	#Max	QPSK	23.20	-0.44	22.76	33.01	PASS
Band7	15	21100	36	#0	QPSK	22.27	-0.44	21.83	33.01	PASS
Band7	15	21100	36	#Mid	QPSK	22.38	-0.44	21.94	33.01	PASS
Band7	15	21100	36	#Max	QPSK	22.33	-0.44	21.89	33.01	PASS
Band7	15	21100	75	#0	QPSK	22.39	-0.44	21.95	33.01	PASS
Band7	15	21100	1	#0	QAM16	23.24	-0.44	22.8	33.01	PASS
Band7	15	21100	1	#Mid	QAM16	23.31	-0.44	22.87	33.01	PASS
Band7	15	21100	1	#Max	QAM16	23.18	-0.44	22.74	33.01	PASS
Band7	15	21100	36	#0	QAM16	22.33	-0.44	21.89	33.01	PASS
Band7	15	21100	36	#Mid	QAM16	22.37	-0.44	21.93	33.01	PASS
Band7	15	21100	36	#Max	QAM16	22.34	-0.44	21.9	33.01	PASS
Band7	15	21100	75	#0	QAM16	22.35	-0.44	21.91	33.01	PASS
Band7	15	21375	1	#0	QPSK	23.28	-0.44	22.84	33.01	PASS
Band7	15	21375	1	#Mid	QPSK	23.41	-0.44	22.97	33.01	PASS
Band7	15	21375	1	#Max	QPSK	23.48	-0.44	23.04	33.01	PASS
Band7	15	21375	36	#0	QPSK	22.27	-0.44	21.83	33.01	PASS
Band7	15	21375	36	#Mid	QPSK	22.36	-0.44	21.92	33.01	PASS
Band7	15	21375	36	#Max	QPSK	22.38	-0.44	21.94	33.01	PASS
Band7	15	21375	75	#0	QPSK	22.39	-0.44	21.95	33.01	PASS
Band7	15	21375	1	#0	QAM16	23.29	-0.44	22.85	33.01	PASS
Band7	15	21375	1	#Mid	QAM16	23.41	-0.44	22.97	33.01	PASS
Band7	15	21375	1	#Max	QAM16	23.44	-0.44	23	33.01	PASS
Band7	15	21375	36	#0	QAM16	22.29	-0.44	21.85	33.01	PASS
Band7	15	21375	36	#Mid	QAM16	22.33	-0.44	21.89	33.01	PASS
Band7	15	21375	36	#Max	QAM16	22.37	-0.44	21.93	33.01	PASS
Band7	15	21375	75	#0	QAM16	22.40	-0.44	21.96	33.01	PASS

Band7	20	20850	1	#0	QPSK	23.04	-0.44	22.6	33.01	PASS
Band7	20	20850	1	#Mid	QPSK	23.33	-0.44	22.89	33.01	PASS
Band7	20	20850	1	#Max	QPSK	23.18	-0.44	22.74	33.01	PASS
Band7	20	20850	50	#0	QPSK	22.20	-0.44	21.76	33.01	PASS
Band7	20	20850	50	#Mid	QPSK	22.27	-0.44	21.83	33.01	PASS
Band7	20	20850	50	#Max	QPSK	22.25	-0.44	21.81	33.01	PASS
Band7	20	20850	100	#0	QPSK	22.20	-0.44	21.76	33.01	PASS
Band7	20	20850	1	#0	QAM16	23.04	-0.44	22.6	33.01	PASS
Band7	20	20850	1	#Mid	QAM16	23.33	-0.44	22.89	33.01	PASS
Band7	20	20850	1	#Max	QAM16	23.17	-0.44	22.73	33.01	PASS
Band7	20	20850	50	#0	QAM16	22.17	-0.44	21.73	33.01	PASS
Band7	20	20850	50	#Mid	QAM16	22.31	-0.44	21.87	33.01	PASS
Band7	20	20850	50	#Max	QAM16	22.26	-0.44	21.82	33.01	PASS
Band7	20	20850	100	#0	QAM16	22.17	-0.44	21.73	33.01	PASS
Band7	20	21100	1	#0	QPSK	23.24	-0.44	22.8	33.01	PASS
Band7	20	21100	1	#Mid	QPSK	23.45	-0.44	23.01	33.01	PASS
Band7	20	21100	1	#Max	QPSK	23.25	-0.44	22.81	33.01	PASS
Band7	20	21100	50	#0	QPSK	22.23	-0.44	21.79	33.01	PASS
Band7	20	21100	50	#Mid	QPSK	22.33	-0.44	21.89	33.01	PASS
Band7	20	21100	50	#Max	QPSK	22.27	-0.44	21.83	33.01	PASS
Band7	20	21100	100	#0	QPSK	22.25	-0.44	21.81	33.01	PASS
Band7	20	21100	1	#0	QAM16	23.25	-0.44	22.81	33.01	PASS
Band7	20	21100	1	#Mid	QAM16	23.46	-0.44	23.02	33.01	PASS
Band7	20	21100	1	#Max	QAM16	23.25	-0.44	22.81	33.01	PASS
Band7	20	21100	50	#0	QAM16	22.22	-0.44	21.78	33.01	PASS
Band7	20	21100	50	#Mid	QAM16	22.34	-0.44	21.9	33.01	PASS
Band7	20	21100	50	#Max	QAM16	22.26	-0.44	21.82	33.01	PASS
Band7	20	21100	100	#0	QAM16	22.25	-0.44	21.81	33.01	PASS
Band7	20	21350	1	#0	QPSK	23.18	-0.44	22.74	33.01	PASS
Band7	20	21350	1	#Mid	QPSK	23.38	-0.44	22.94	33.01	PASS
Band7	20	21350	1	#Max	QPSK	23.32	-0.44	22.88	33.01	PASS
Band7	20	21350	50	#0	QPSK	22.29	-0.44	21.85	33.01	PASS
Band7	20	21350	50	#Mid	QPSK	22.35	-0.44	21.91	33.01	PASS
Band7	20	21350	50	#Max	QPSK	22.30	-0.44	21.86	33.01	PASS
Band7	20	21350	100	#0	QPSK	22.29	-0.44	21.85	33.01	PASS
Band7	20	21350	1	#0	QAM16	23.16	-0.44	22.72	33.01	PASS
Band7	20	21350	1	#Mid	QAM16	23.38	-0.44	22.94	33.01	PASS
Band7	20	21350	1	#Max	QAM16	23.34	-0.44	22.9	33.01	PASS
Band7	20	21350	50	#0	QAM16	22.27	-0.44	21.83	33.01	PASS
Band7	20	21350	50	#Mid	QAM16	22.34	-0.44	21.9	33.01	PASS
Band7	20	21350	50	#Max	QAM16	22.29	-0.44	21.85	33.01	PASS
Band7	20	21350	100	#0	QAM16	22.27	-0.44	21.83	33.01	PASS

2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result(Hz)	Result (ppm)	Low Limit (ppm)	high Limit (ppm)	Verdict
Band7	20	20850	100	#0	QPSK	5.93	0.002	-2.5	2.5	PASS
Band7	20	20850	100	#0	QAM16	4.96	0.002	-2.5	2.5	PASS
Band7	20	21100	100	#0	QPSK	-1.40	-0.001	-2.5	2.5	PASS
Band7	20	21100	100	#0	QAM16	-2.91	-0.001	-2.5	2.5	PASS
Band7	20	21350	100	#0	QPSK	2.24	0.001	-2.5	2.5	PASS
Band7	20	21350	100	#0	QAM16	3.63	0.001	-2.5	2.5	PASS