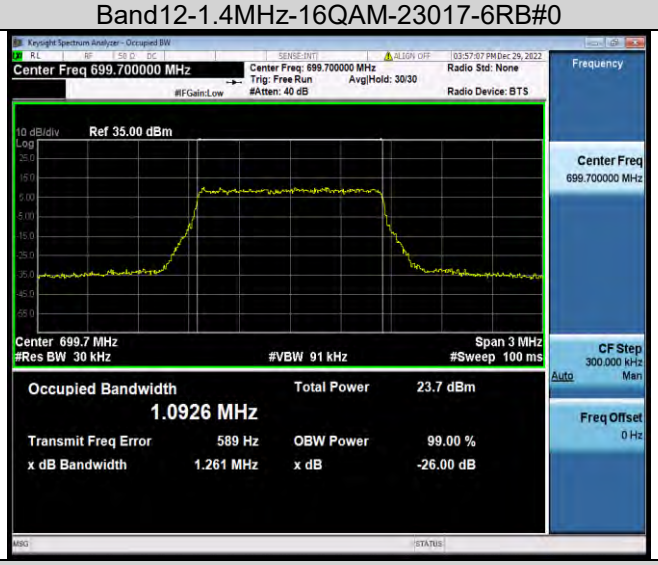
Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0

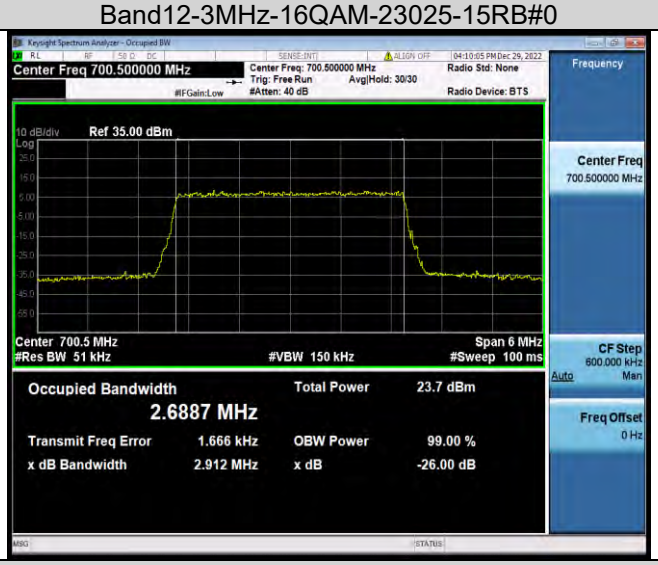
Band12-1.4MHz-16QAM-23173-6RB#0

Band12-3MHz-QPSK-23025-15RB#0

Band12-3MHz-QPSK-23095-15RB#0

Band12-3MHz-QPSK-23165-15RB#0

Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23095-15RB#0

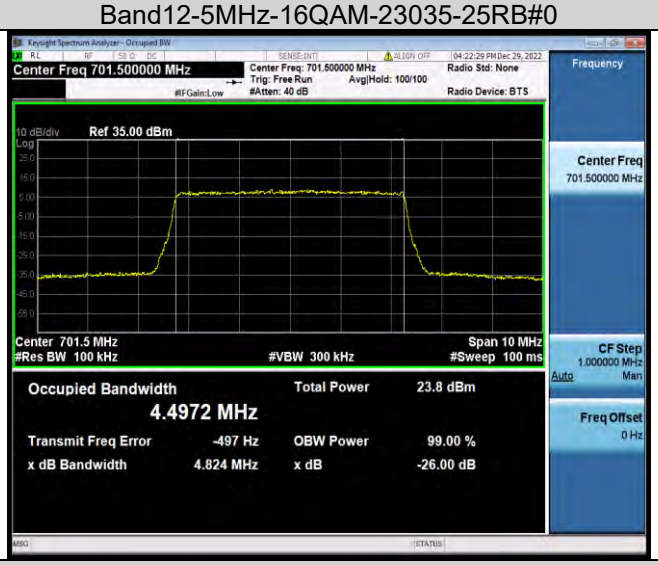
Band12-3MHz-16QAM-23165-15RB#0

Band12-5MHz-QPSK-23035-25RB#0

Band12-5MHz-QPSK-23095-25RB#0

Band12-5MHz-QPSK-23155-25RB#0

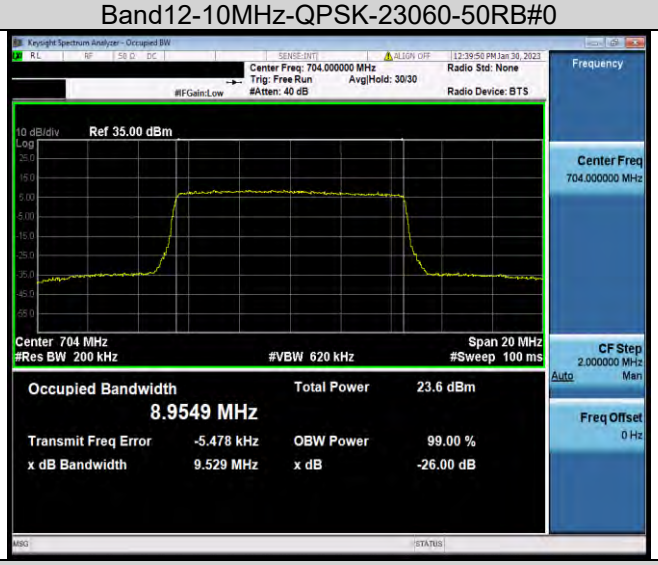
Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23095-25RB#0

Band12-5MHz-16QAM-23155-25RB#0

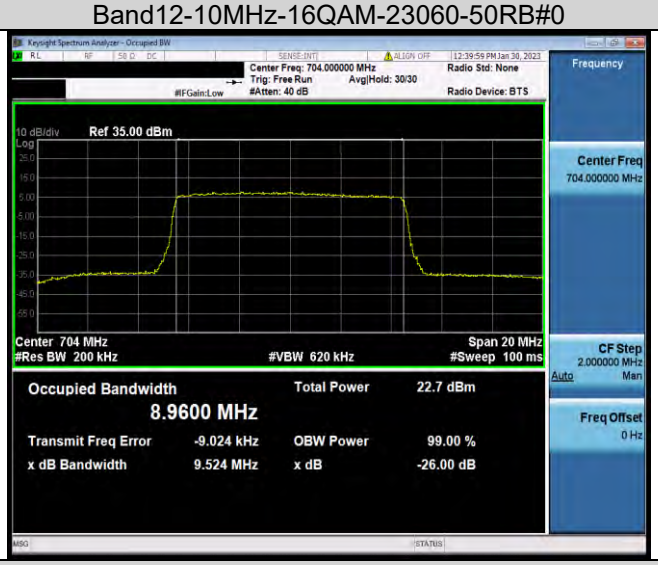
Band12-10MHz-QPSK-23060-50RB#0



Band12-10MHz-QPSK-23095-50RB#0

Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0

Band12-10MHz-16QAM-23130-50RB#0

Keysight Spectrum Analyzer - Occupied BW
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
12:40:36 PM Jan 30, 2023
10 dB/div
Ref 35.00 dBm
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9468 MHz
Total Power 22.8 dBm
Transmit Freq Error 3.960 kHz
OBW Power 99.00 %
x dB Bandwidth 9.531 MHz
x dB -26.00 dB
Frequency
Center Freq
711.000000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz

BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-31.91,-23.21	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-33.93,-29.29	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	-52.43,-49.98	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-23.63,-28.61	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-25.87,-28.28	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-32.56,-25.13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.10,-30.97	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	-53.24,-50.82	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-23.51,-29.32	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.66,-31.29	PASS
Band12	3MHz	QPSK	23025	1RB#0	-31.45,-22.72	PASS
Band12	3MHz	QPSK	23025	15RB#0	-38.05,-30.51	PASS
Band12	3MHz	QPSK	23165	1RB#14	-22.51,-33.81	PASS
Band12	3MHz	QPSK	23165	15RB#0	-29.31,-31.10	PASS
Band12	3MHz	16QAM	23025	1RB#0	-34.72,-24.00	PASS
Band12	3MHz	16QAM	23025	15RB#0	-35.43,-31.89	PASS
Band12	3MHz	16QAM	23165	1RB#14	-24.49,-36.26	PASS
Band12	3MHz	16QAM	23165	15RB#0	-31.80,-34.21	PASS
Band12	5MHz	QPSK	23035	1RB#0	-35.46,-27.06	PASS
Band12	5MHz	QPSK	23035	25RB#0	-38.12,-35.01	PASS
Band12	5MHz	QPSK	23155	1RB#24	-27.94,-40.16	PASS
Band12	5MHz	QPSK	23155	25RB#0	-32.11,-35.05	PASS
Band12	5MHz	16QAM	23035	1RB#0	-39.16,-28.53	PASS
Band12	5MHz	16QAM	23035	25RB#0	-37.53,-34.00	PASS
Band12	5MHz	16QAM	23155	1RB#24	-28.34,-39.31	PASS
Band12	5MHz	16QAM	23155	25RB#0	-34.44,-36.43	PASS
Band12	10MHz	QPSK	23060	1RB#0	-43.67,-39.95	PASS
Band12	10MHz	QPSK	23060	50RB#0	-38.00,-38.91	PASS
Band12	10MHz	QPSK	23130	1RB#49	-41.57,-45.84	PASS
Band12	10MHz	QPSK	23130	50RB#0	-38.29,-36.24	PASS
Band12	10MHz	16QAM	23060	1RB#0	-45.23,-40.88	PASS
Band12	10MHz	16QAM	23060	50RB#0	-38.63,-39.26	PASS
Band12	10MHz	16QAM	23130	1RB#49	-37.86,-46.38	PASS
Band12	10MHz	16QAM	23130	50RB#0	-38.74,-38.37	PASS

Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0

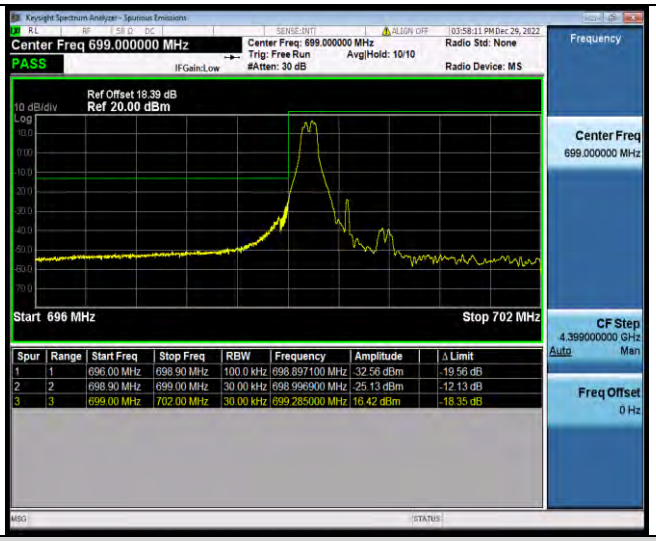
Band12-1.4MHz-QPSK-23017-6RB#0

Band12-1.4MHz-QPSK-23173-1RB#0

Band12-1.4MHz-QPSK-23173-1RB#5

Band12-1.4MHz-QPSK-23173-6RB#0

Band12-1.4MHz-16QAM-23017-1RB#0



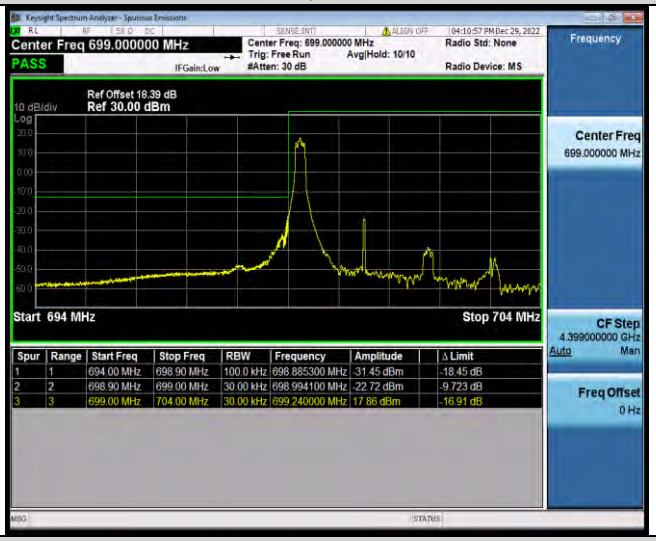
Band12-1.4MHz-16QAM-23017-6RB#0

Band12-1.4MHz-16QAM-23173-1RB#0

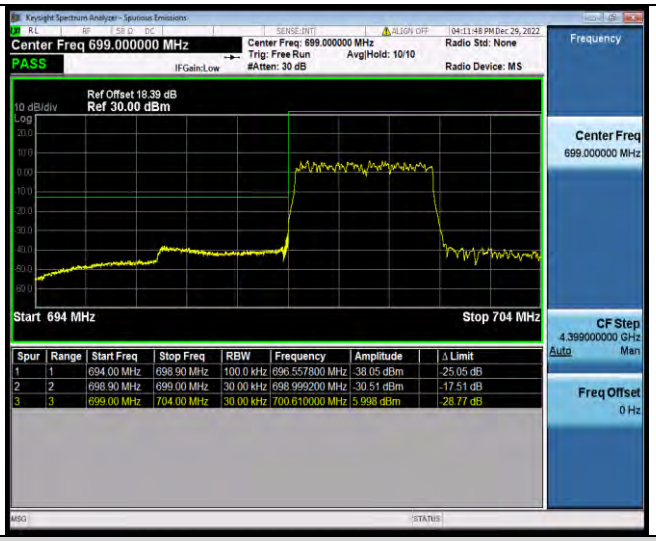
Band12-1.4MHz-16QAM-23173-1RB#5

Band12-1.4MHz-16QAM-23173-6RB#0

Band12-3MHz-QPSK-23025-1RB#0



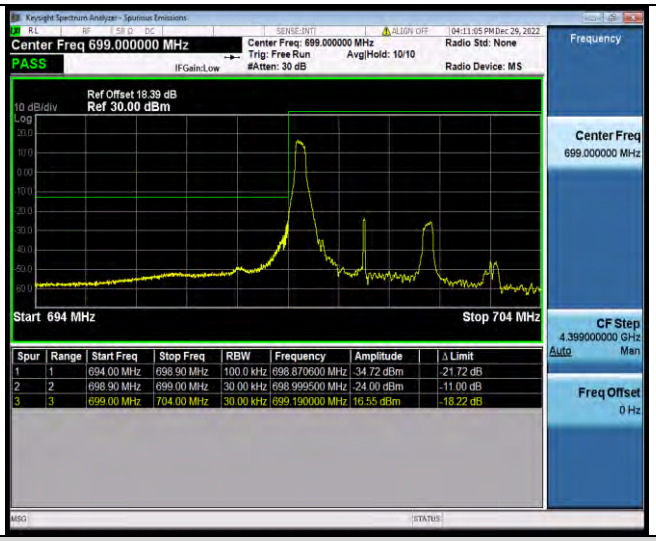
Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23165-1RB#14

Band12-3MHz-QPSK-23165-15RB#0

Band12-3MHz-16QAM-23025-1RB#0

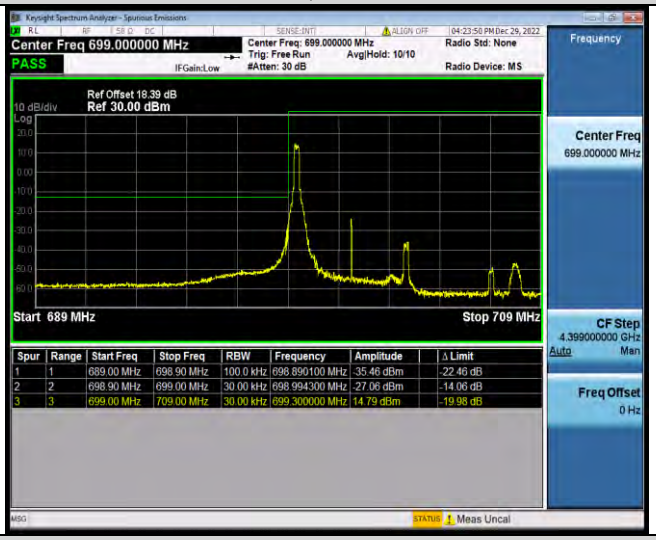


Band12-3MHz-16QAM-23025-15RB#0

Band12-3MHz-16QAM-23165-1RB#14

Band12-3MHz-16QAM-23165-15RB#0

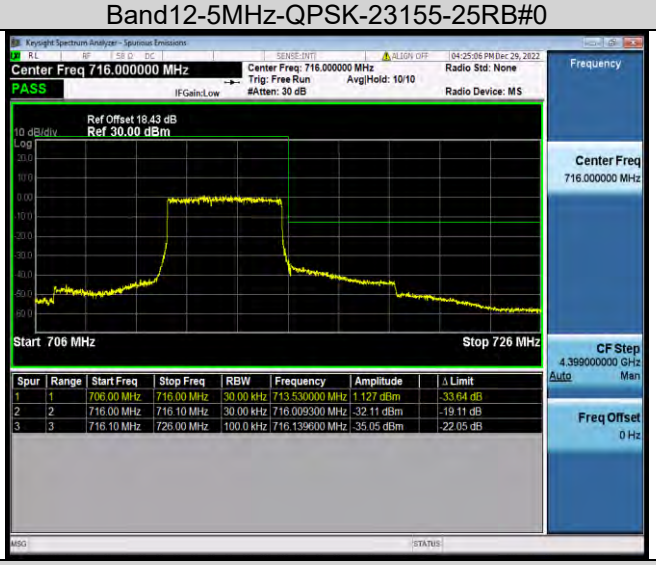
Band12-5MHz-QPSK-23035-1RB#0



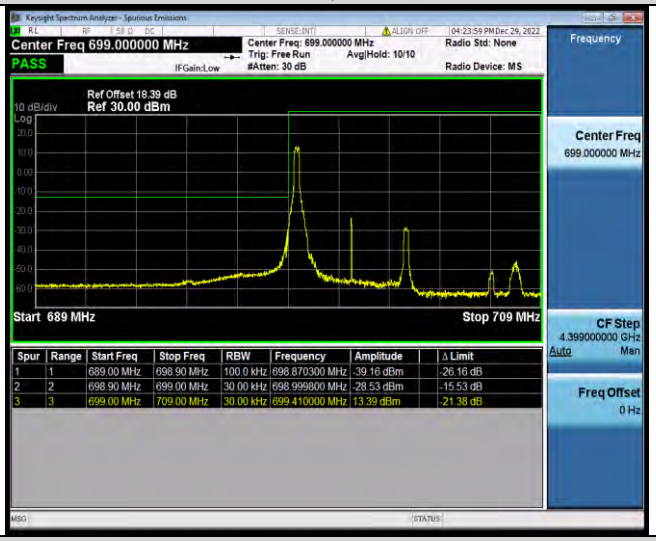
Band12-5MHz-QPSK-23035-25RB#0

Band12-5MHz-QPSK-23155-1RB#24

Band12-5MHz-QPSK-23155-25RB#0

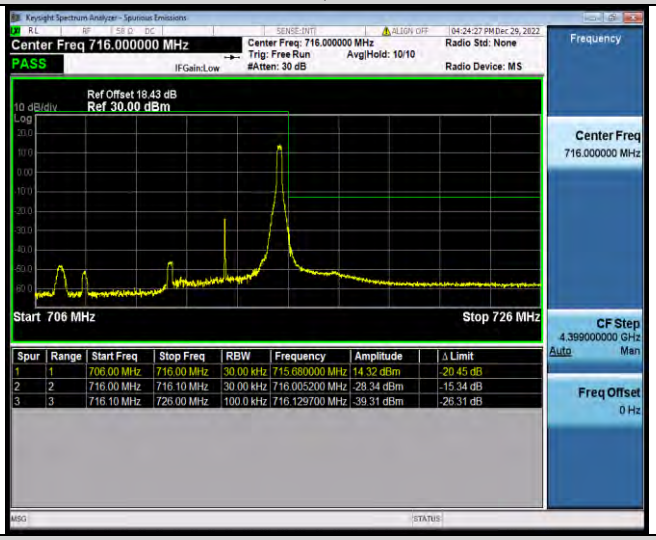


Band12-5MHz-16QAM-23035-1RB#0



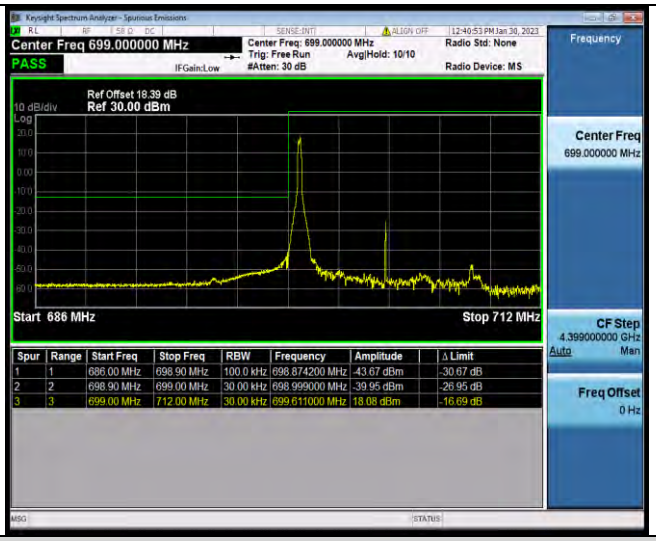
Band12-5MHz-16QAM-23035-25RB#0

Band12-5MHz-16QAM-23155-1RB#24



Band12-5MHz-16QAM-23155-25RB#0

Band12-10MHz-QPSK-23060-1RB#0

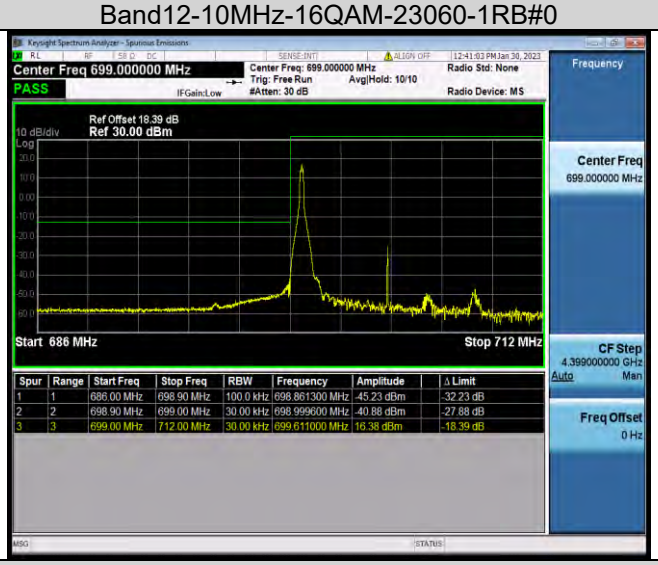


Band12-10MHz-QPSK-23060-50RB#0

Band12-10MHz-QPSK-23130-1RB#49

Band12-10MHz-QPSK-23130-50RB#0

Band12-10MHz-16QAM-23060-1RB#0



Band12-10MHz-16QAM-23060-50RB#0

Band12-10MHz-16QAM-23130-1RB#49

Band12-10MHz-16QAM-23130-50RB#0

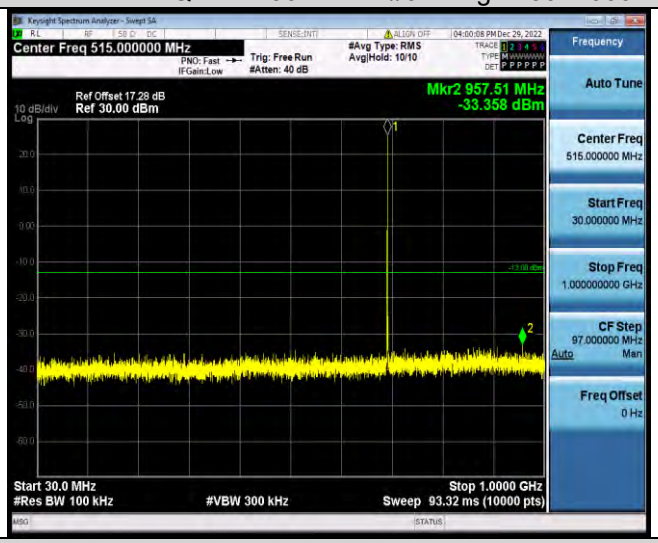
CONDUCTED SPURIOUS EMISSION

Test Result

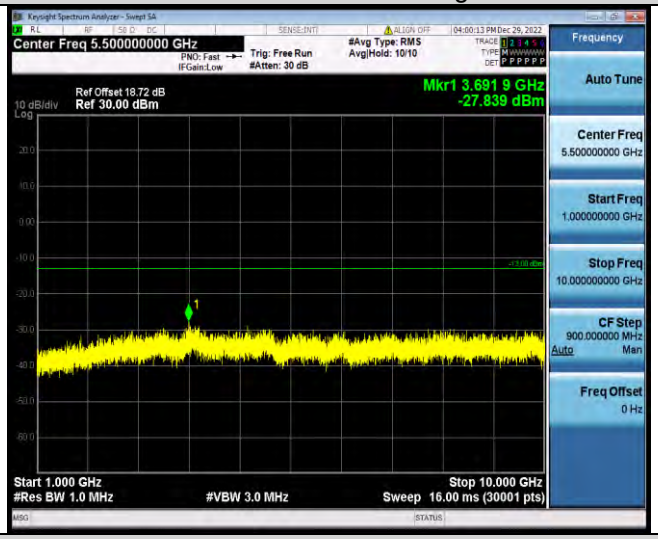
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-33.36	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-27.84	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-33.7	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-28.33	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-33.34	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-28.47	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-33.2	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-27.73	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-33.62	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-28.31	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-34.26	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-28.51	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-34.09	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-27.7	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-34.22	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-27.86	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-33.31	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-27.95	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-33.57	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-28.48	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-34.03	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-27.53	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-34.36	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-28.12	PASS

Test Graphs

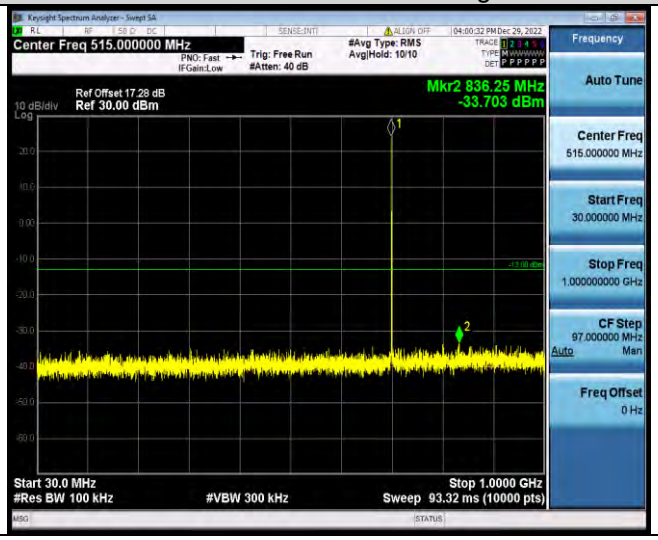
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



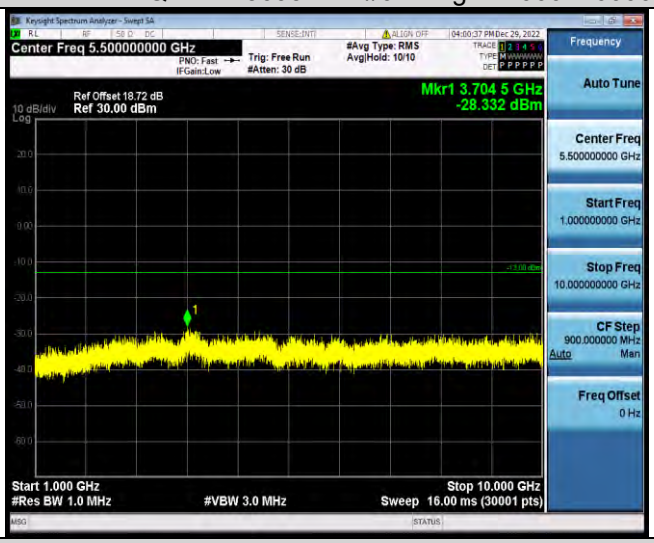
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



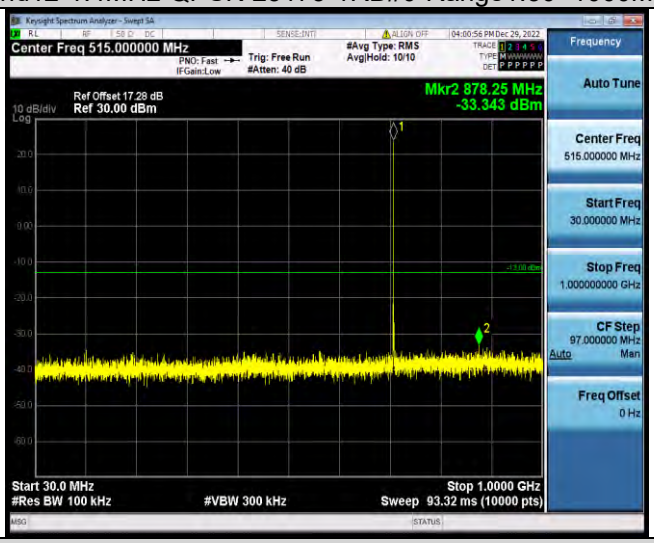
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



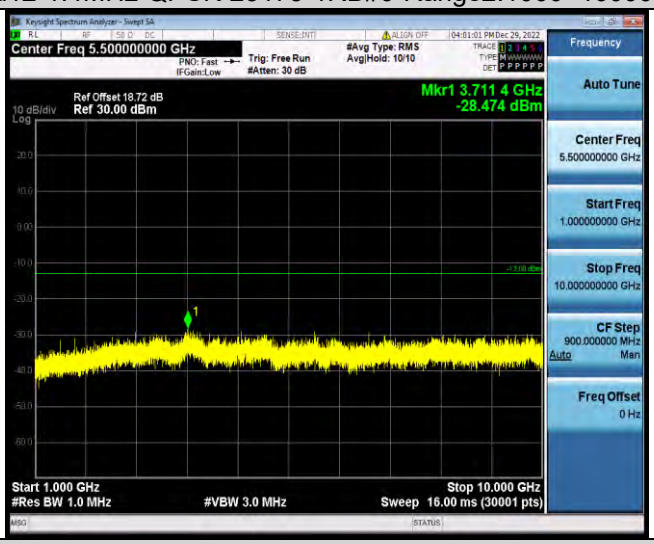
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



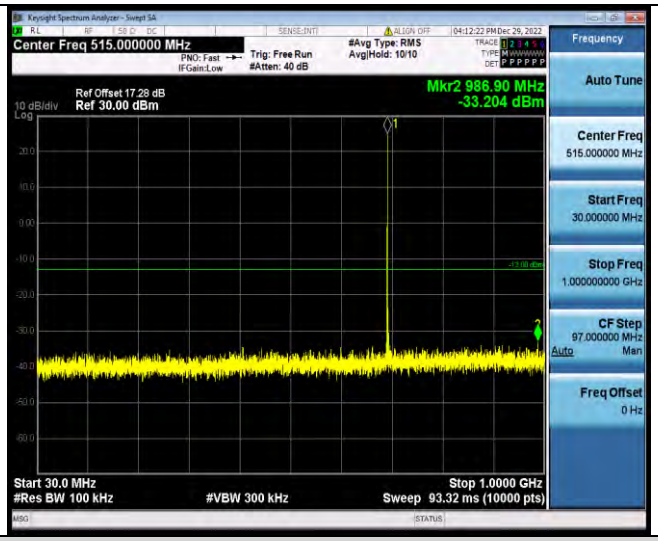
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



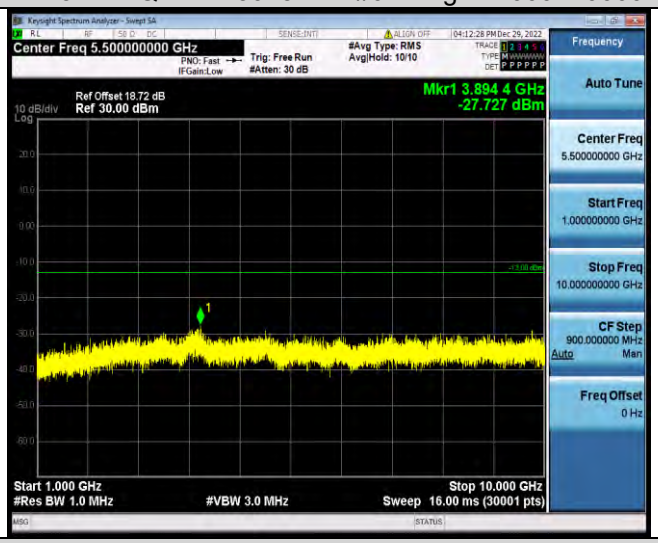
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



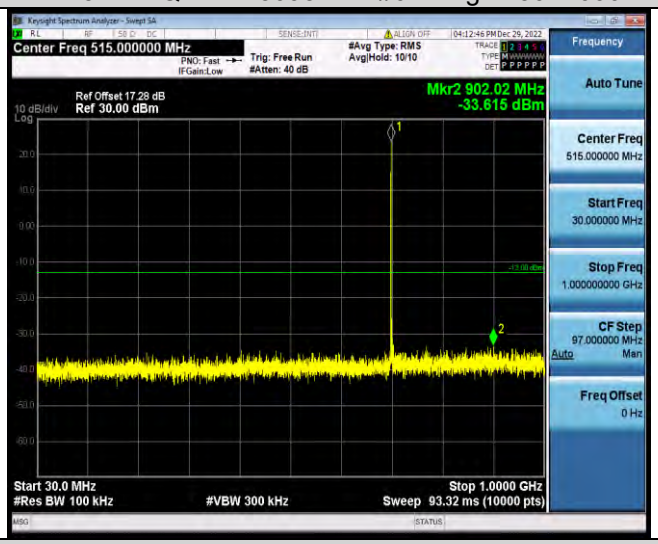
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



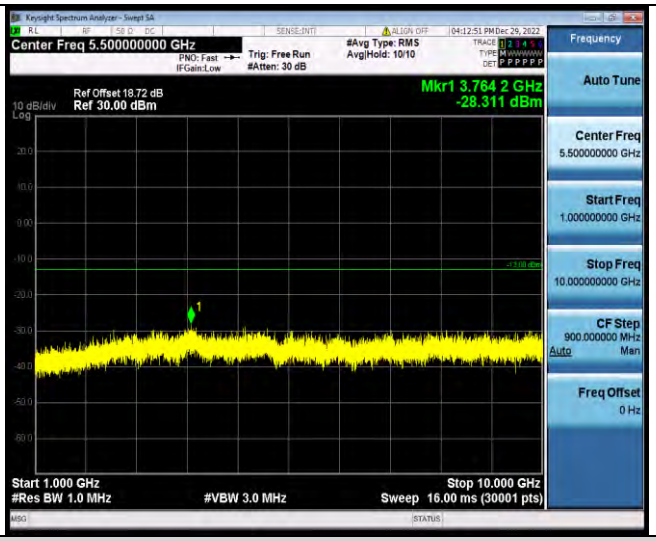
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



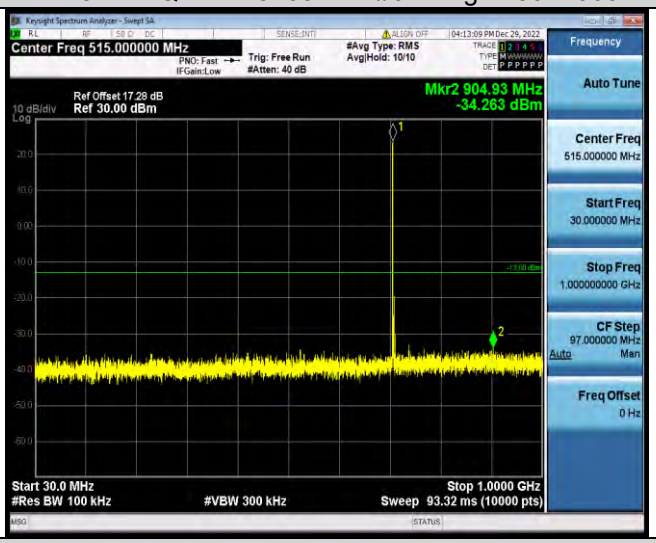
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



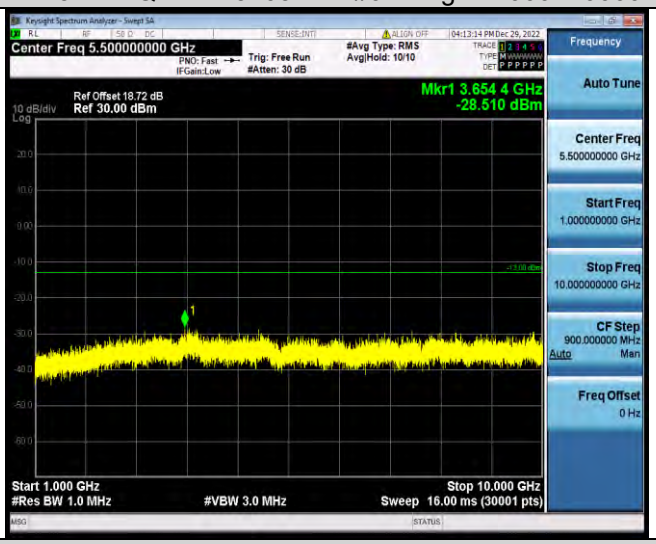
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



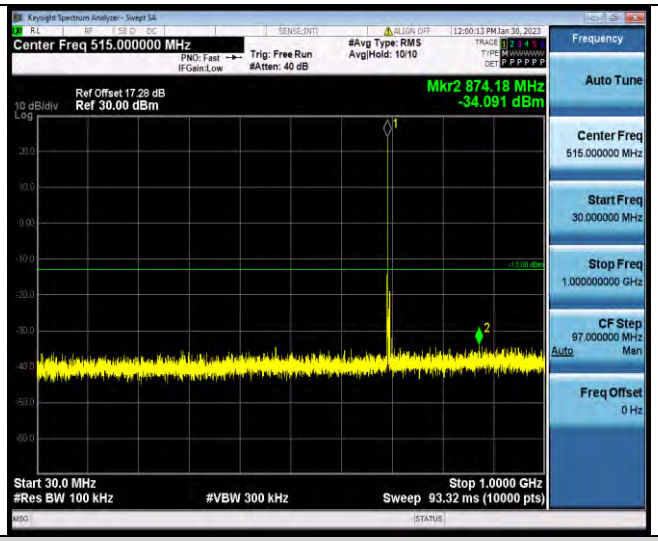
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



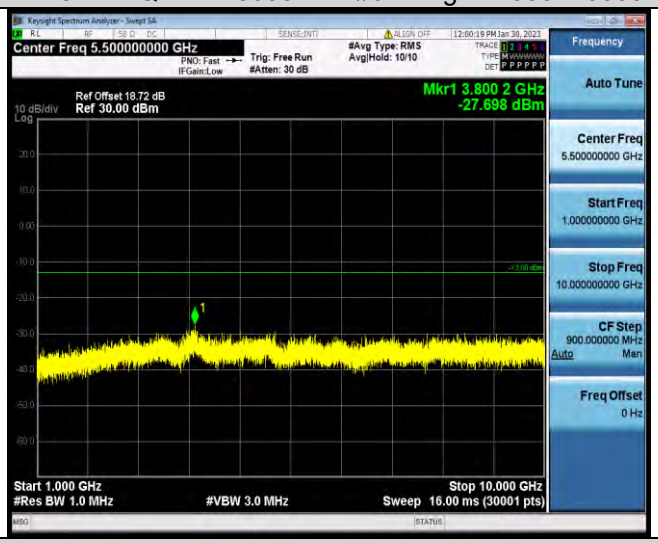
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



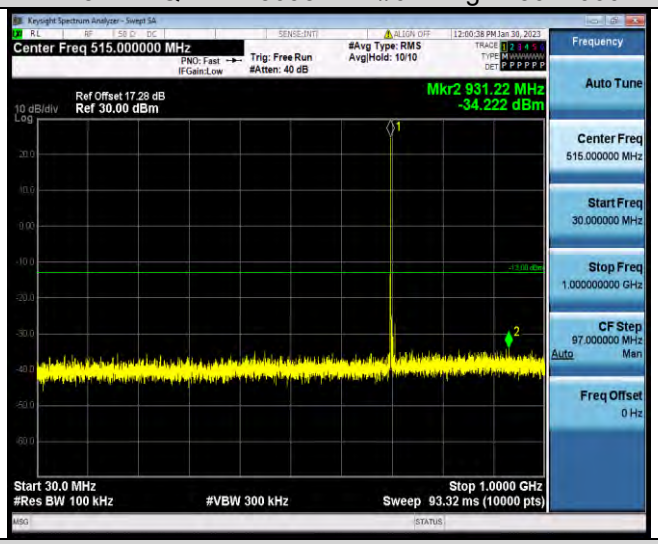
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



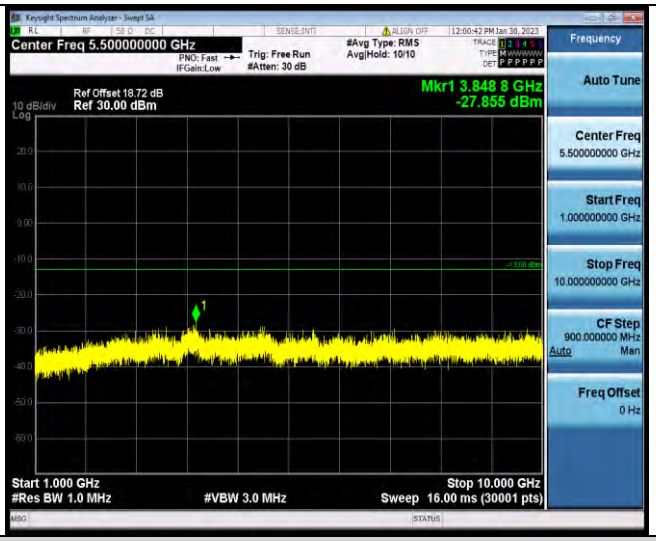
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



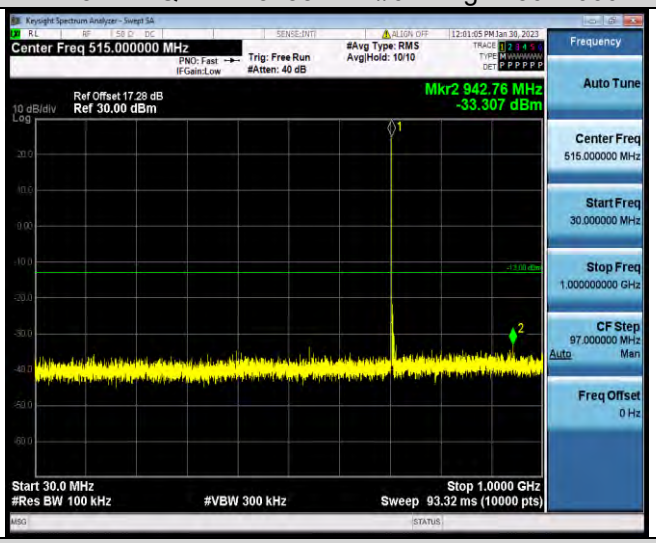
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



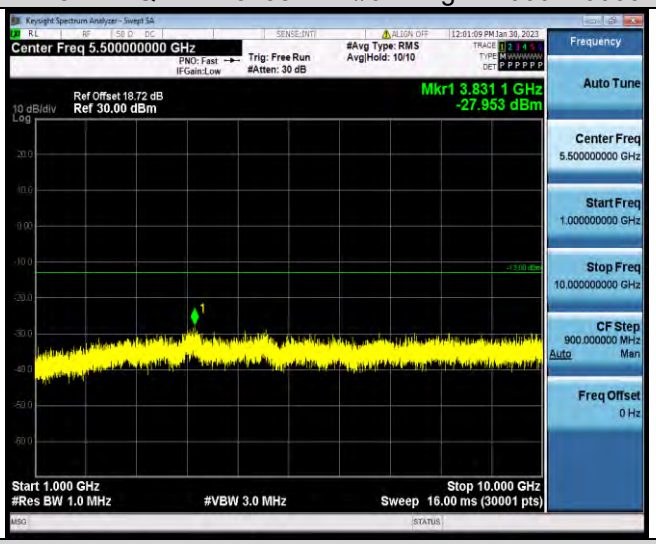
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



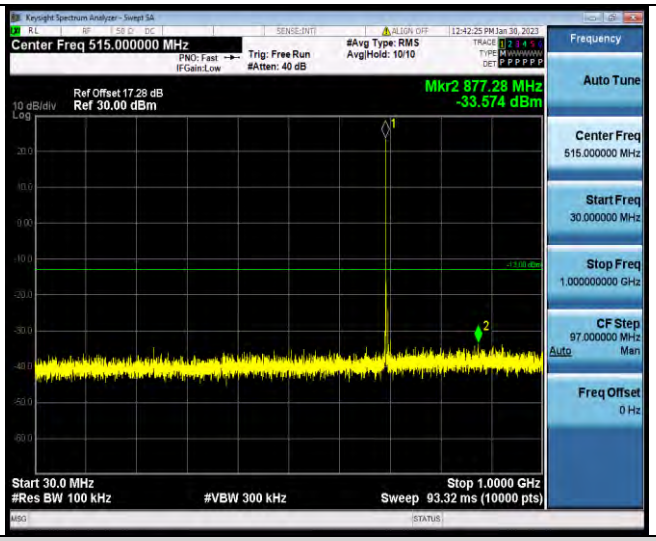
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



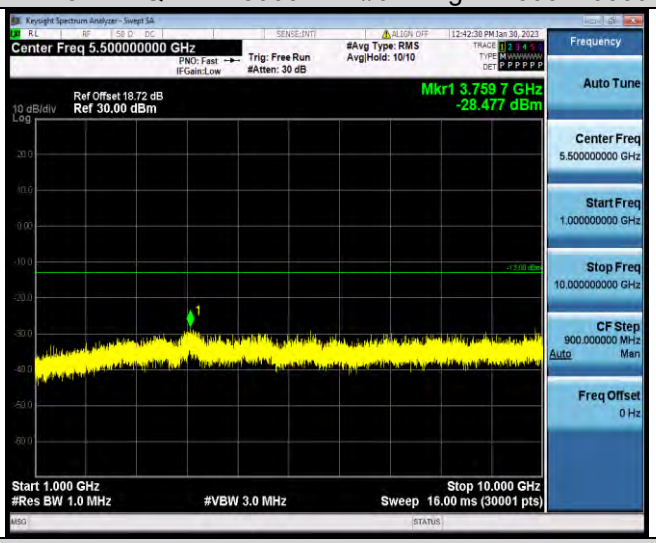
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



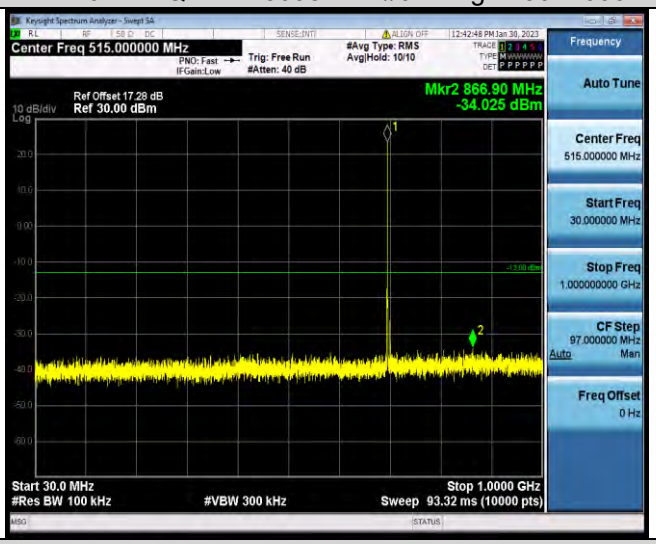
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



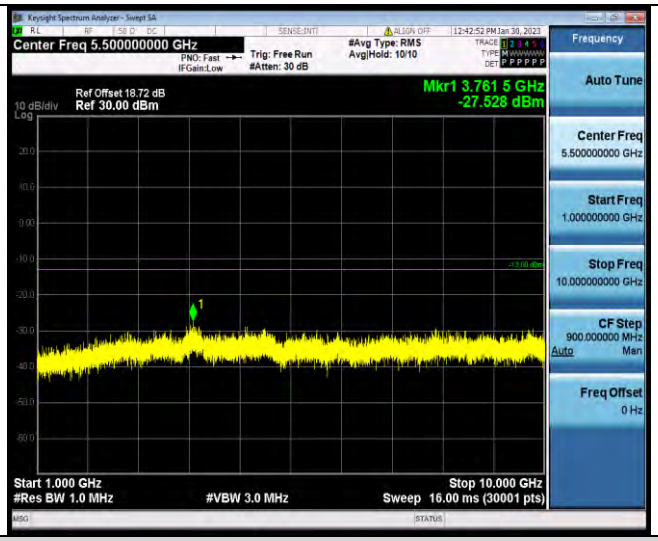
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



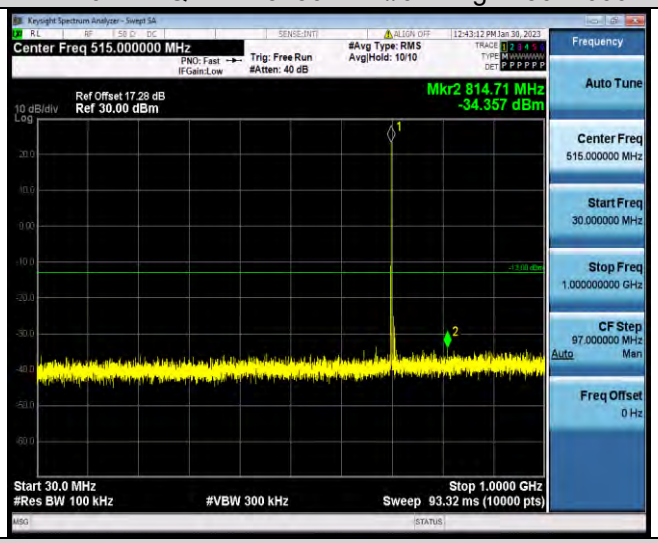
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



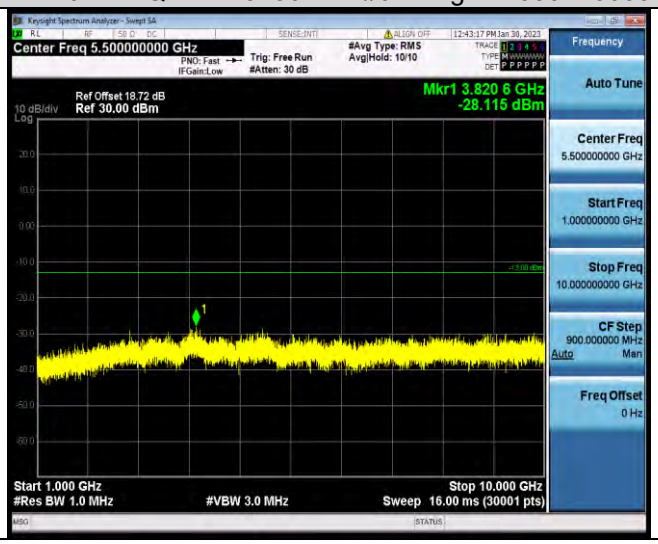
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	1.40	0.001989	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	1.89	0.002685	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-2.16	-0.003068	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-2.12	-0.002996	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-2.16	-0.003053	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-2.27	-0.003208	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-2.66	-0.003741	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	1.33	0.001871	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-1.92	-0.002700	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-3.53	-0.005014	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-3.89	-0.005526	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	-2.30	-0.003267	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-3.25	-0.004616	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-2.60	-0.003693	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-2.36	-0.003352	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-3.08	-0.004375	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-4.05	-0.005753	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	-3.50	-0.004972	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-2.39	-0.003378	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	2.37	0.003350	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-2.76	-0.003901	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-1.39	-0.001965	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-2.20	-0.003110	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-2.49	-0.003519	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	-1.65	-0.002332	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-3.32	-0.004693	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	1.59	0.002247	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-5.02	-0.007060	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-2.37	-0.003333	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-2.72	-0.003826	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-3.33	-0.004684	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-2.09	-0.002940	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-4.32	-0.006076	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-2.96	-0.004163	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-2.68	-0.003769	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-3.46	-0.004866	±2.5	PASS

LTE Band 13

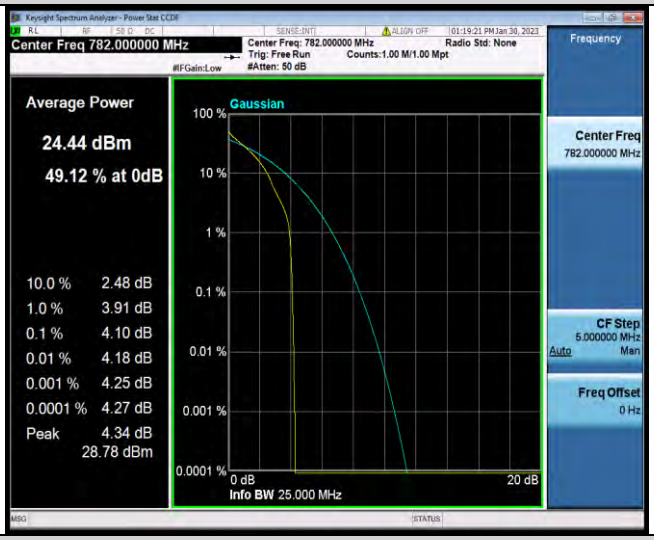
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

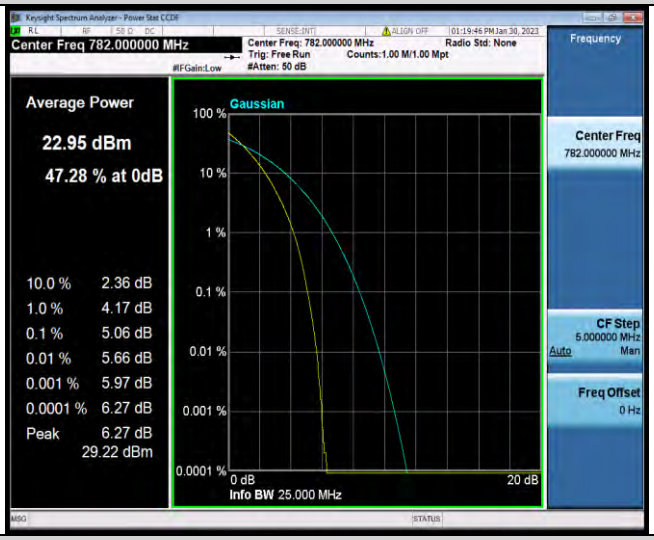
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	1RB#0	4.10	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.06	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	4.92	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.83	13	PASS

Test Graphs

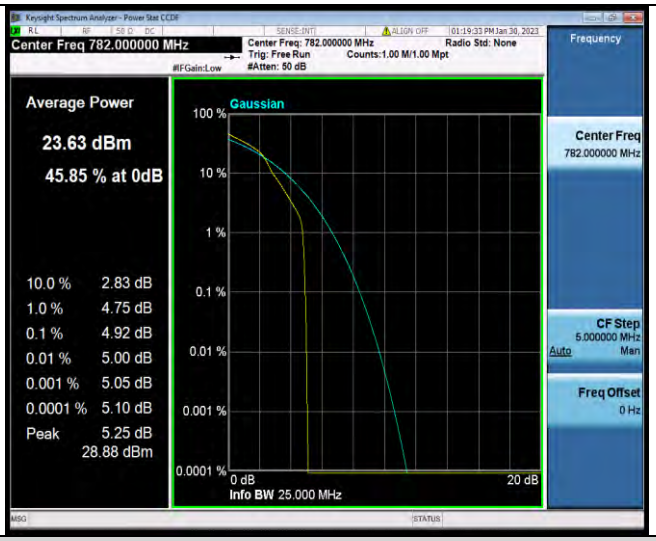
Band13-10MHz-QPSK-23230-1RB#0



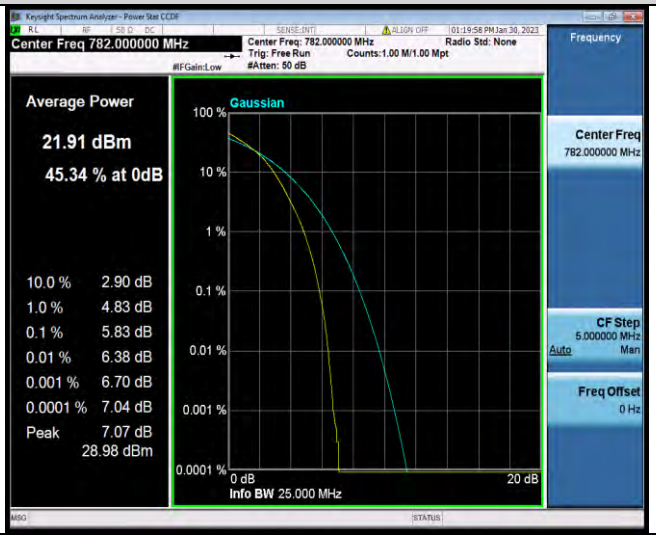
Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0



Band13-10MHz-16QAM-23230-50RB#0



26DB BANDWIDTH AND OCCUPIED BANDWIDTH

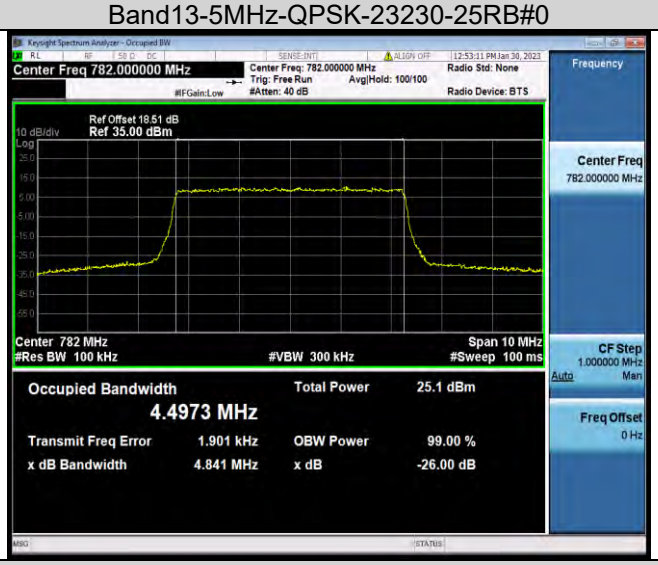
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.4868	4.820	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4973	4.841	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4973	4.866	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.4936	4.880	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5051	4.879	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4996	4.843	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9677	9.537	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9703	9.552	PASS

Test Graphs

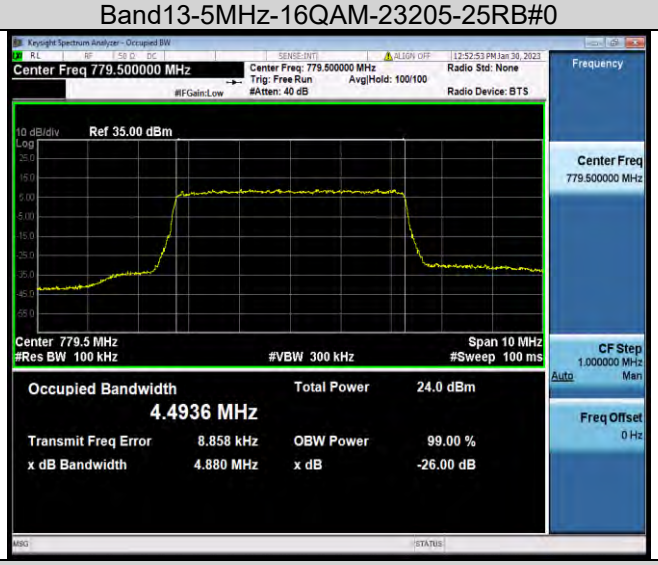
Band13-5MHz-QPSK-23205-25RB#0

Band13-5MHz-QPSK-23230-25RB#0



Band13-5MHz-QPSK-23255-25RB#0

Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0

Band13-5MHz-16QAM-23255-25RB#0

Band13-10MHz-QPSK-23230-50RB#0

Band13-10MHz-16QAM-23230-50RB#0

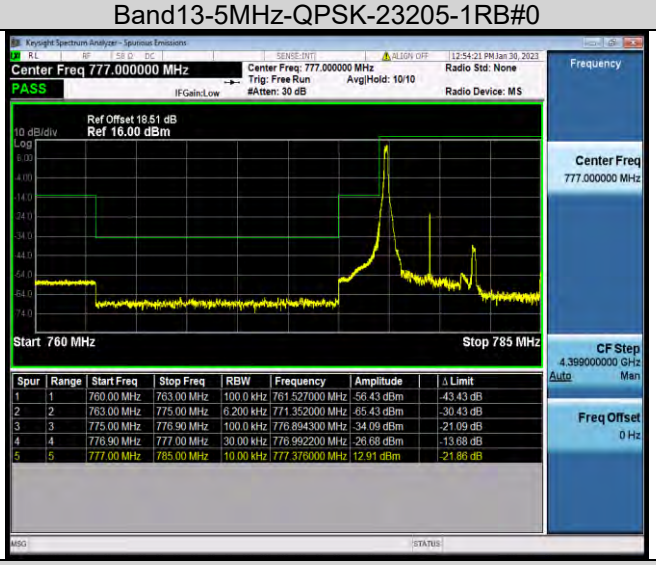
BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-56.43,-65.43,-34.09,-26.68	PASS
Band13	5MHz	QPSK	23205	25RB#0	-56.50,-60.06,-33.34,-32.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	-25.85,-35.98,-65.83,-56.65	PASS
Band13	5MHz	QPSK	23255	25RB#0	-31.75,-34.11,-55.05,-56.34	PASS
Band13	5MHz	16QAM	23205	1RB#0	-56.62,-65.76,-34.91,-27.79	PASS
Band13	5MHz	16QAM	23205	25RB#0	-56.81,-61.25,-35.52,-34.30	PASS
Band13	5MHz	16QAM	23255	1RB#24	-26.85,-34.84,-65.06,-56.82	PASS
Band13	5MHz	16QAM	23255	25RB#0	-32.82,-35.13,-55.90,-56.11	PASS
Band13	10MHz	QPSK	23230	1RB#0	-56.57,-65.88,-42.03,-38.06	PASS
Band13	10MHz	QPSK	23230	1RB#49	-56.55,-66.03,-56.12,-57.82	PASS
Band13	10MHz	QPSK	23230	50RB#0	-56.69,-65.11,-35.68,-37.18	PASS
Band13	10MHz	16QAM	23230	1RB#0	-56.70,-65.62,-43.88,-39.94	PASS
Band13	10MHz	16QAM	23230	1RB#49	-56.73,-65.74,-55.81,-57.01	PASS
Band13	10MHz	16QAM	23230	50RB#0	-56.76,-65.01,-37.88,-39.00	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0

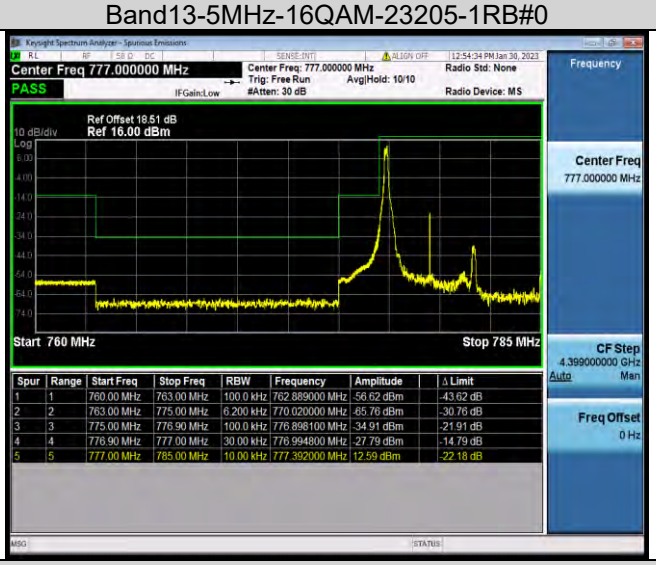


Band13-5MHz-QPSK-23205-25RB#0

Band13-5MHz-QPSK-23255-1RB#24

Band13-5MHz-QPSK-23255-25RB#0

Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-25RB#0

Band13-5MHz-16QAM-23255-1RB#24

Band13-5MHz-16QAM-23255-25RB#0

Band13-10MHz-QPSK-23230-1RB#0

Band13-10MHz-QPSK-23230-1RB#49

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	760.00 MHz	763.00 MHz	100.0 kHz	761.479000 MHz	-56.55 dBm	-43.55 dB
2	2	763.00 MHz	775.00 MHz	6.200 kHz	774.616000 MHz	-66.03 dBm	-31.03 dB
3	3	775.00 MHz	776.90 MHz	100.0 kHz	776.810700 MHz	-56.12 dBm	-43.12 dB
4	4	776.90 MHz	777.00 MHz	30.00 kHz	776.990800 MHz	-57.82 dBm	-44.82 dB
5	5	777.00 MHz	787.00 MHz	10.00 kHz	786.400000 MHz	12.44 dBm	-22.33 dB
6	6	787.00 MHz	787.10 MHz	30.00 kHz	787.013800 MHz	-37.72 dBm	-24.72 dB
7	7	787.10 MHz	793.00 MHz	100.0 kHz	787.170800 MHz	-42.24 dBm	-29.24 dB
8	8	793.00 MHz	805.00 MHz	6.200 kHz	796.744000 MHz	-65.19 dBm	-30.19 dB
9	9	805.00 MHz	810.00 MHz	100.0 kHz	809.160000 MHz	-56.65 dBm	-43.65 dB

Band13-10MHz-QPSK-23230-50RB#0

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	760.00 MHz	763.00 MHz	100.0 kHz	761.251000 MHz	-56.69 dBm	-43.69 dB
2	2	763.00 MHz	775.00 MHz	6.200 kHz	774.784000 MHz	-65.11 dBm	-30.11 dB
3	3	775.00 MHz	776.90 MHz	100.0 kHz	776.881000 MHz	-35.68 dBm	-22.68 dB
4	4	776.90 MHz	777.00 MHz	30.00 kHz	776.998000 MHz	-37.18 dBm	-24.18 dB
5	5	777.00 MHz	787.00 MHz	10.00 kHz	782.610000 MHz	-3.434 dBm	-38.20 dB
6	6	787.00 MHz	787.10 MHz	30.00 kHz	787.019400 MHz	-35.32 dBm	-22.32 dB
7	7	787.10 MHz	793.00 MHz	100.0 kHz	787.117700 MHz	-33.96 dBm	-20.96 dB
8	8	793.00 MHz	805.00 MHz	6.200 kHz	794.476000 MHz	-51.39 dBm	-16.39 dB
9	9	805.00 MHz	810.00 MHz	100.0 kHz	808.885000 MHz	-56.46 dBm	-43.46 dB

Band13-10MHz-16QAM-23230-1RB#0

Spur	Range	Start Freq	Stop Freq	RBW	Frequency	Amplitude	Δ Limit
1	1	760.00 MHz	763.00 MHz	100.0 kHz	761.944000 MHz	-56.70 dBm	-43.70 dB
2	2	763.00 MHz	775.00 MHz	6.200 kHz	773.512000 MHz	-65.62 dBm	-30.62 dB
3	3	775.00 MHz	776.90 MHz	100.0 kHz	776.896200 MHz	-43.88 dBm	-30.88 dB
4	4	776.90 MHz	777.00 MHz	30.00 kHz	776.996400 MHz	-39.94 dBm	-26.94 dB
5	5	777.00 MHz	787.00 MHz	10.00 kHz	777.510000 MHz	11.41 dBm	-23.36 dB
6	6	787.00 MHz	787.10 MHz	30.00 kHz	787.010800 MHz	-56.50 dBm	-43.50 dB
7	7	787.10 MHz	793.00 MHz	100.0 kHz	787.105900 MHz	-54.61 dBm	-41.61 dB
8	8	793.00 MHz	805.00 MHz	6.200 kHz	795.184000 MHz	-58.43 dBm	-23.43 dB
9	9	805.00 MHz	810.00 MHz	100.0 kHz	807.220000 MHz	-56.66 dBm	-43.66 dB

Band13-10MHz-16QAM-23230-1RB#49

Band13-10MHz-16QAM-23230-50RB#0

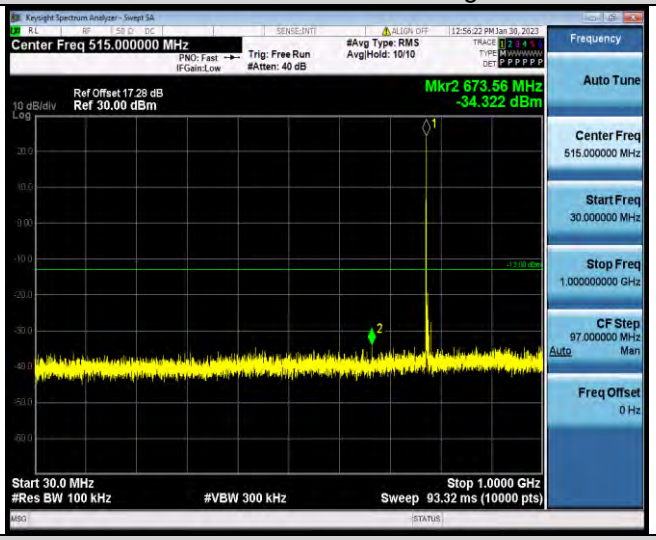
CONDUCTED SPURIOUS EMISSION

Test Result

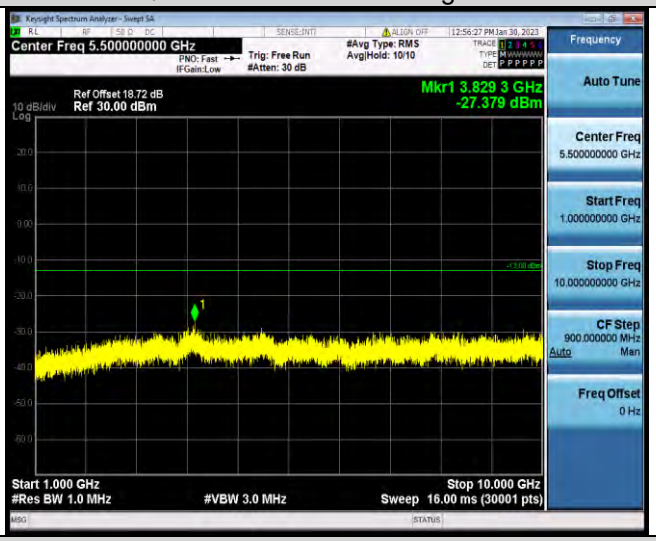
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-34.32	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-27.38	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:1559~1610MHz	-53.84	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-34.76	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-27.73	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-49.66	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-33.91	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-27.75	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:1559~1610MHz	-51.17	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-33.62	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-28.37	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-53.78	PASS

Test Graphs

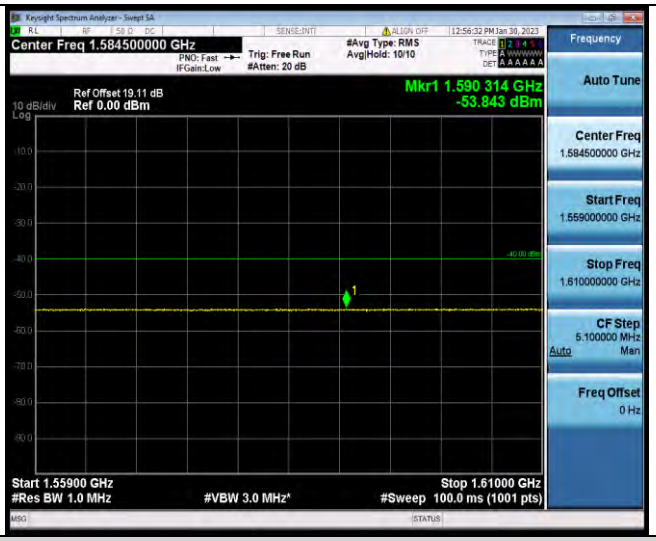
Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



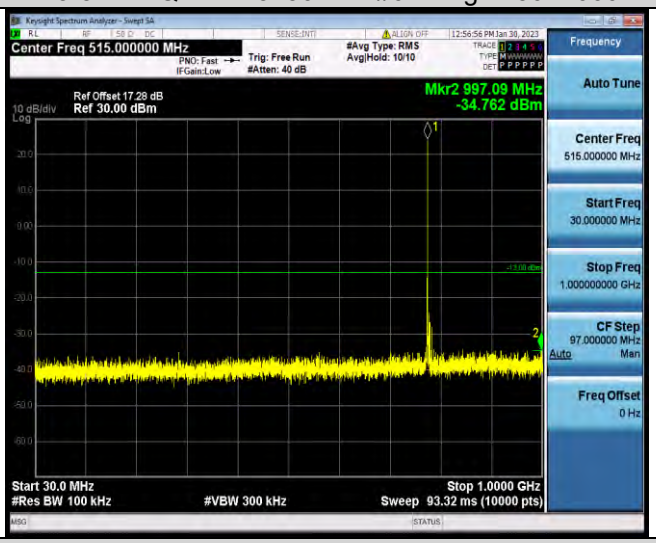
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



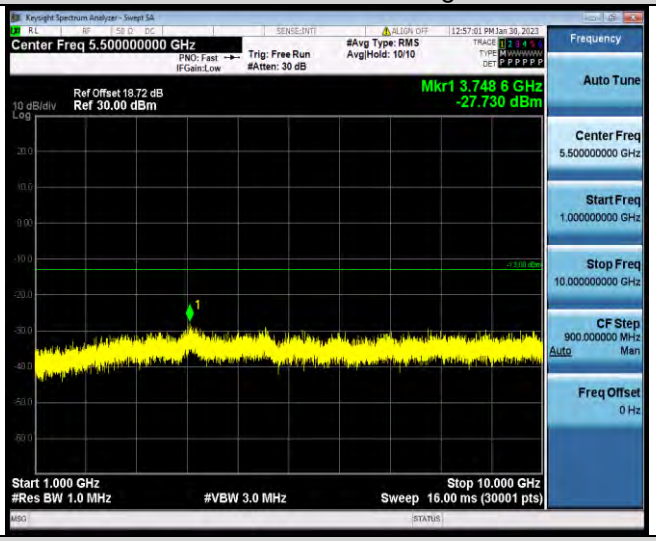
Band13-5MHz-QPSK-23205-1RB#0-Range3:1559~1610MHz



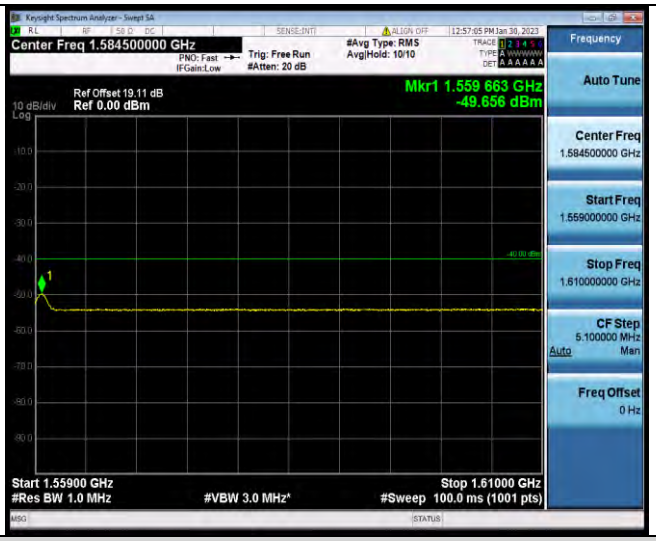
Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



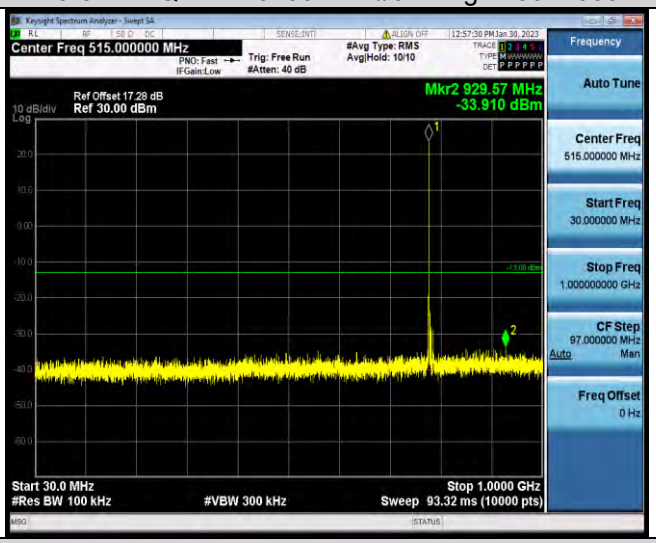
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



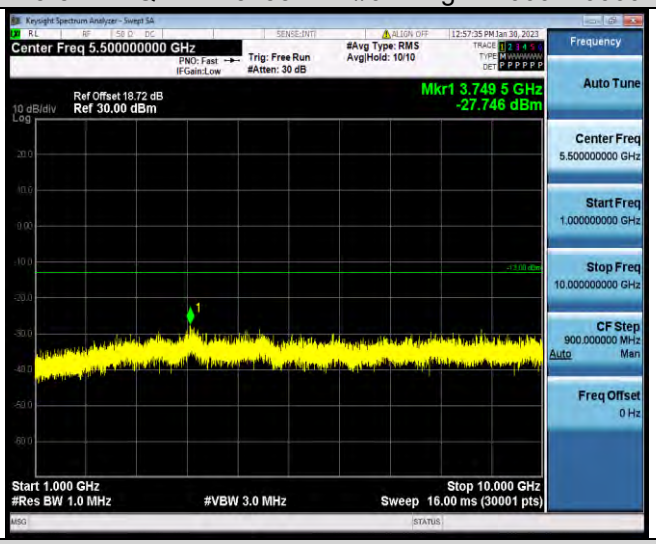
Band13-5MHz-QPSK-23230-1RB#0-Range3:1559~1610MHz



Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz

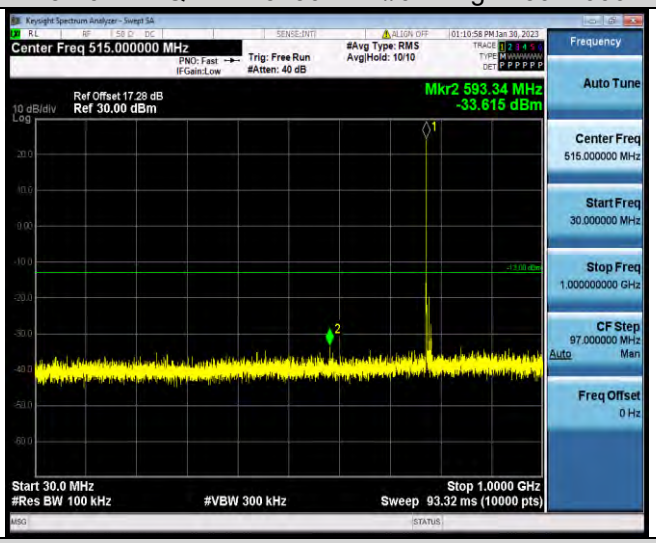


Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz

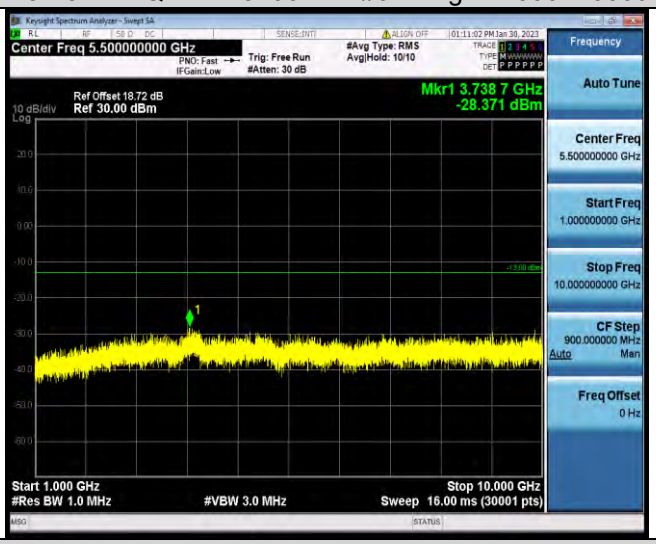


Band13-5MHz-QPSK-23255-1RB#0-Range3:1559~1610MHz

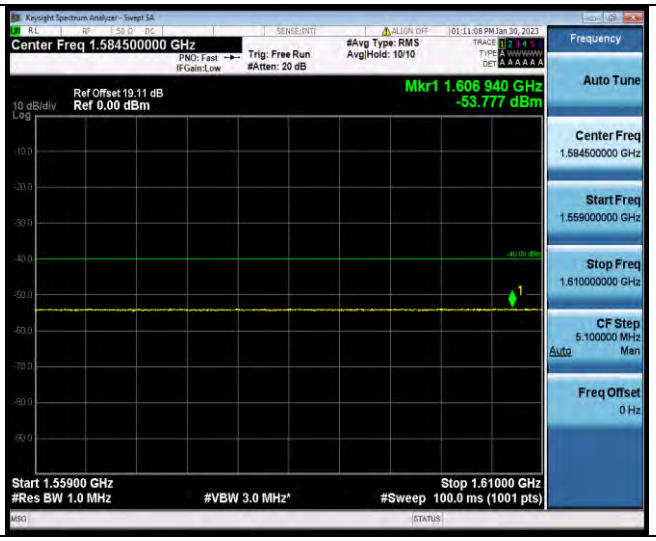
Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range3:1559~1610MHz


Keysight Spectrum Analyzer - Swept SA
Center Freq 1.584500000 GHz
PNO: Fast
IFGain:Low
Trig: Free Run
#Atten: 20 dB
#Avg Type: RMS
Avg|Hold: 10/10
01:11:08 PM Jan 30, 2023
Ref Offset 19.11 dB
10 dB/div
Ref 0.00 dBm
Log
Mkr1 1.606 940 GHz
-53.777 dBm
Start 1.55900 GHz
#Res BW 1.0 MHz
#VBW 3.0 MHz*
Stop 1.61000 GHz
#Sweep 100.0 ms (1001 pts)
Frequency
Auto Tune
Center Freq
1.584500000 GHz
Start Freq
1.559000000 GHz
Stop Freq
1.610000000 GHz
CF Step
5.100000 MHz
Auto
Man
Freq Offset
0 Hz