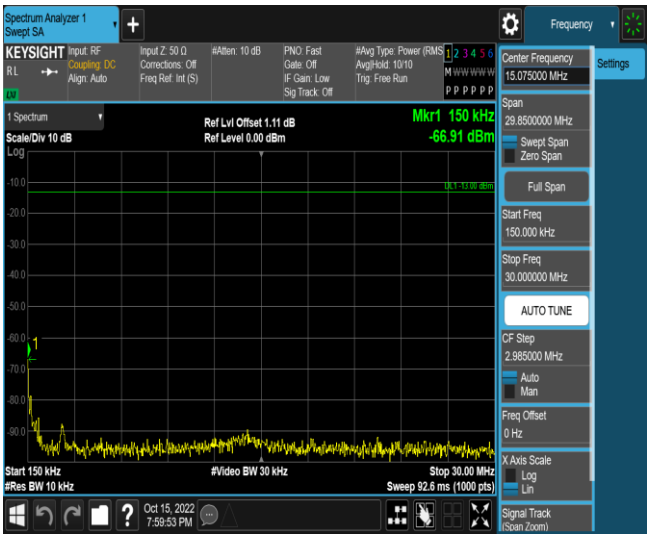
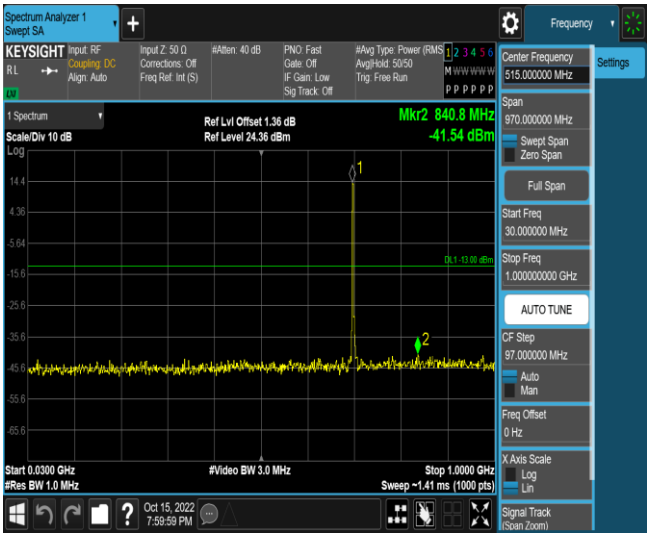
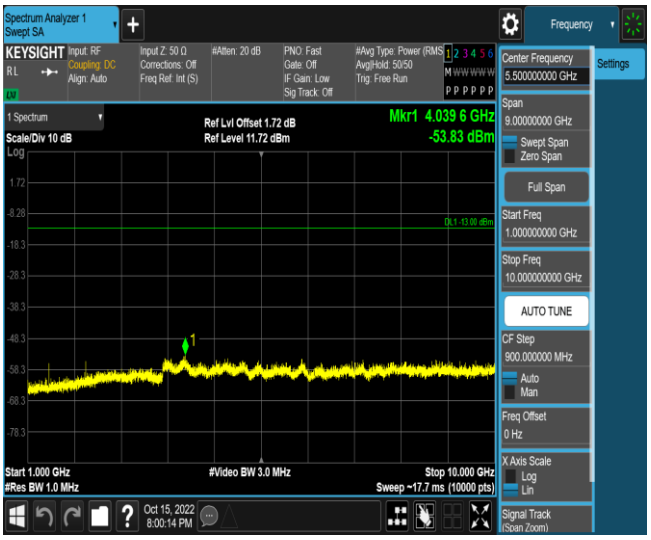


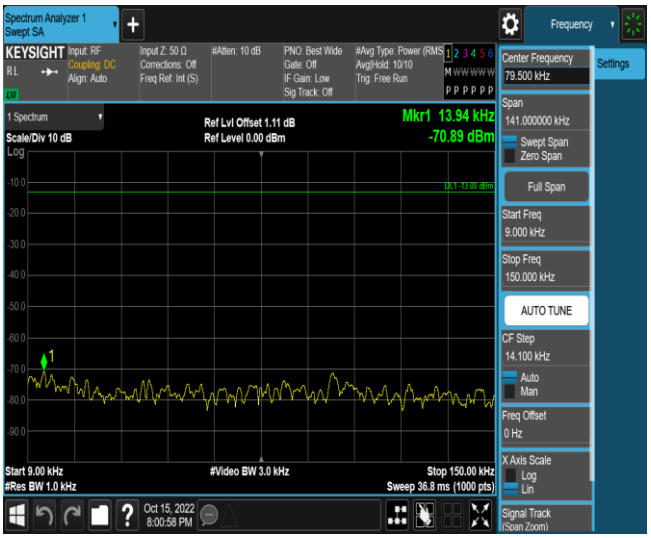
Band12-5MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



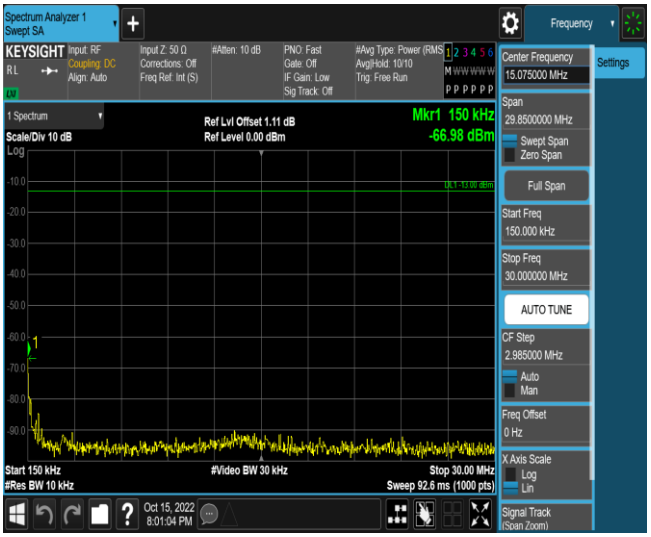
Band12-5MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



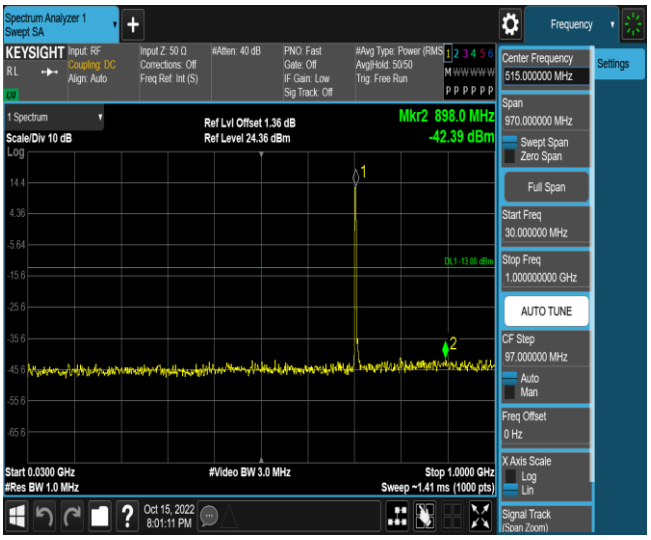
Band12-5MHz-QPSK-23155-1RB#0-Range1:0.009~0.15MHz



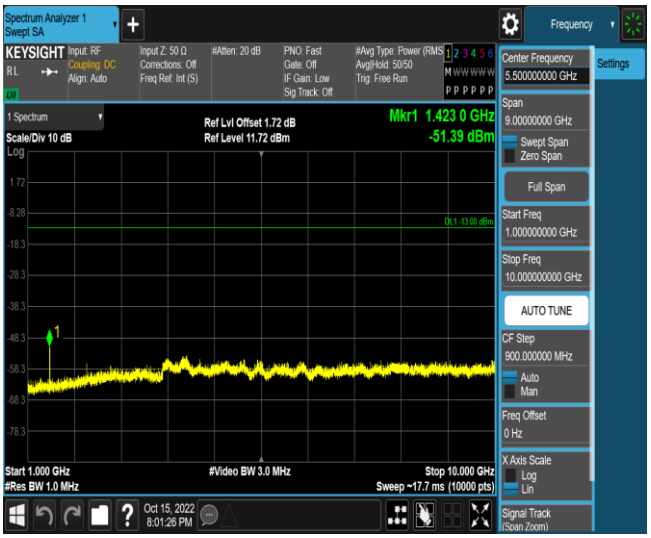
Band12-5MHz-QPSK-23155-1RB#0-Range2:0.15~30MHz



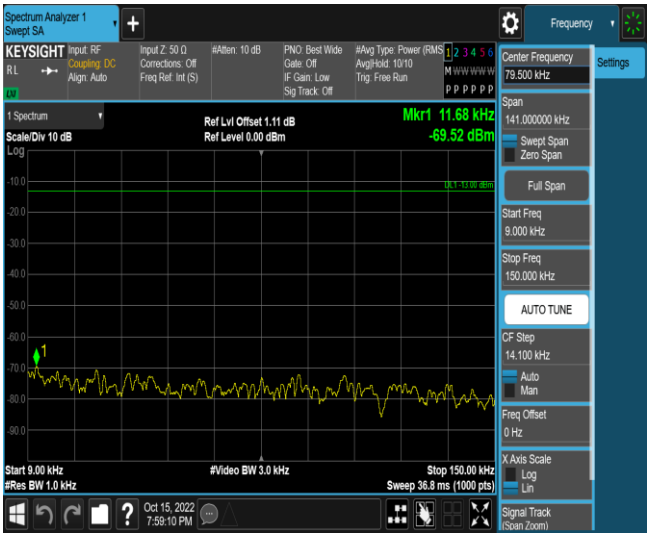
Band12-5MHz-QPSK-23155-1RB#0-Range3:30~1000MHz



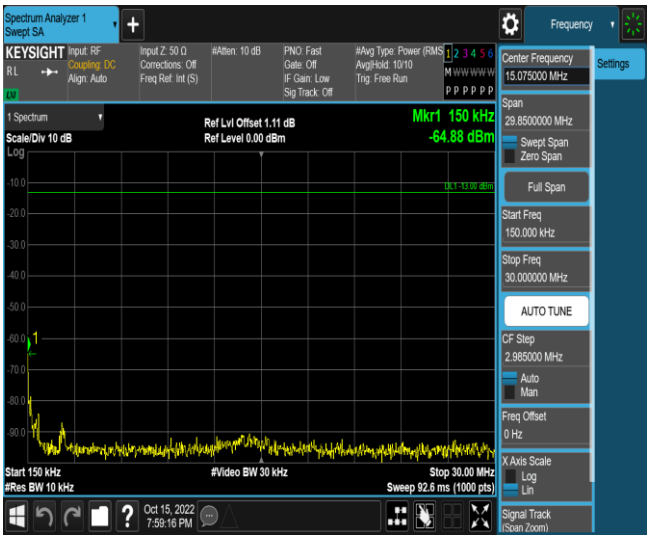
Band12-5MHz-QPSK-23155-1RB#0-Range4:1000~10000MHz



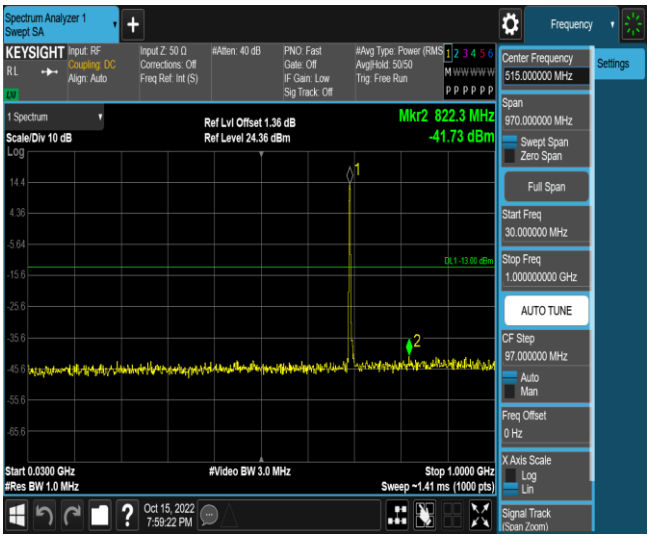
Band12-5MHz-16QAM-23035-1RB#0-Range1:0.009~0.15MHz



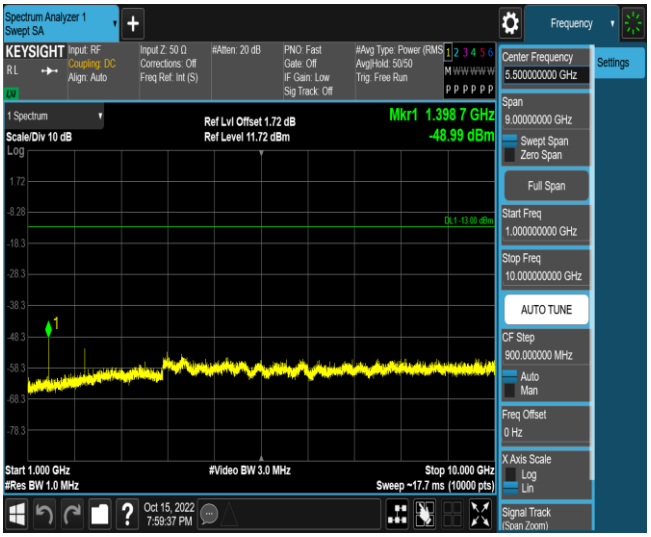
Band12-5MHz-16QAM-23035-1RB#0-Range2:0.15~30MHz



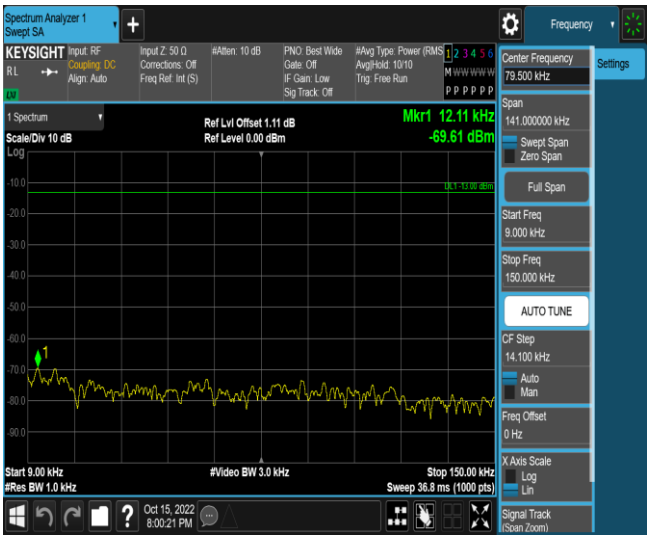
Band12-5MHz-16QAM-23035-1RB#0-Range3:30~1000MHz



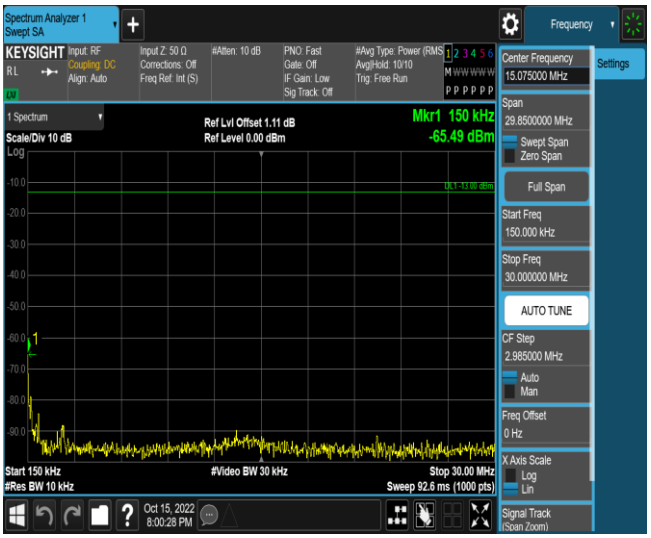
Band12-5MHz-16QAM-23035-1RB#0-Range4:1000~10000MHz



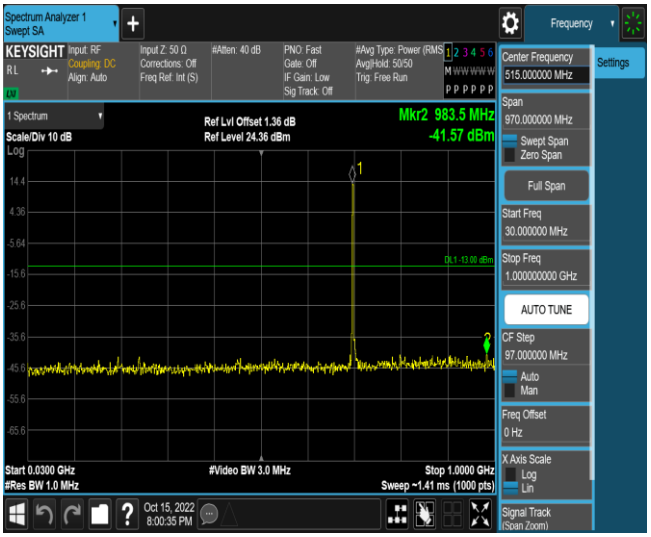
Band12-5MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



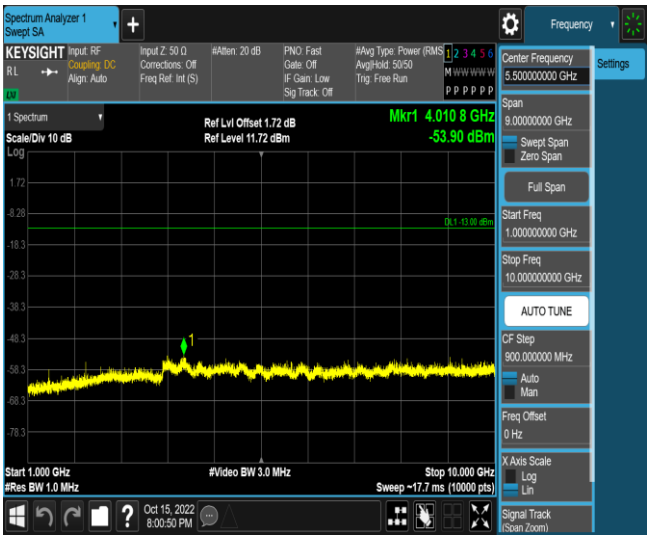
Band12-5MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



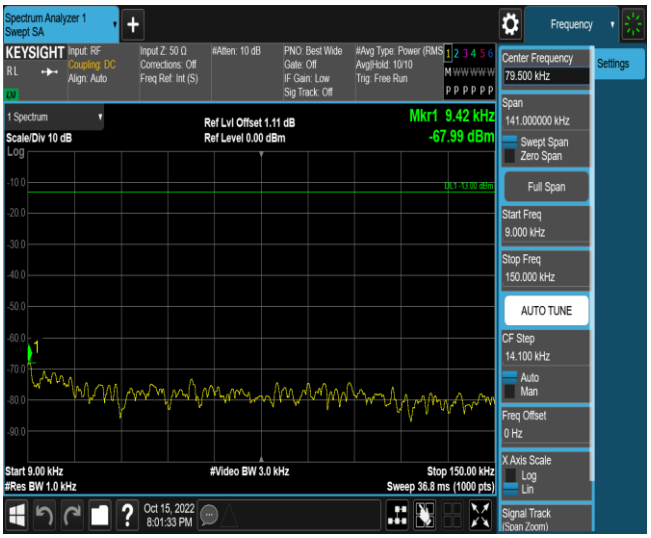
Band12-5MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



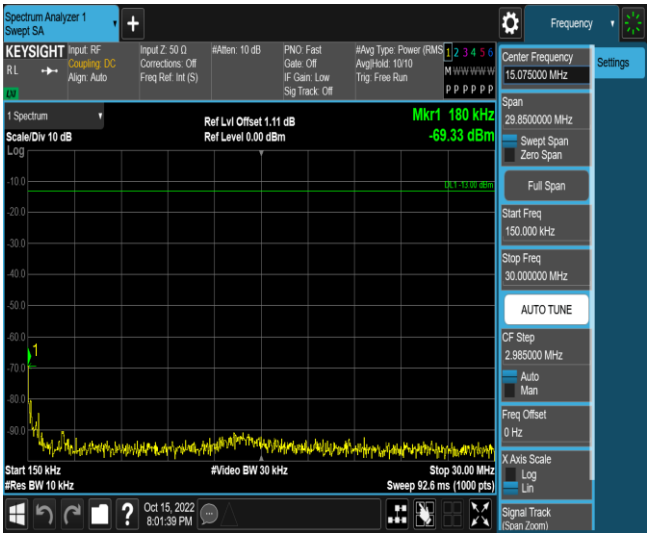
Band12-5MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



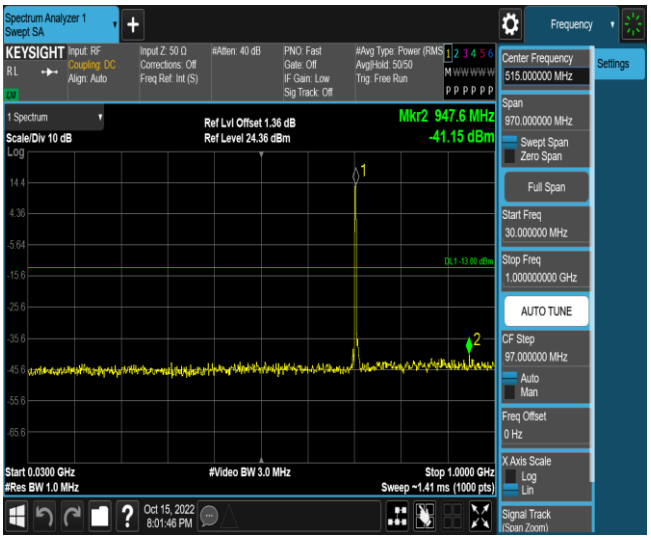
Band12-5MHz-16QAM-23155-1RB#0-Range1:0.009~0.15MHz



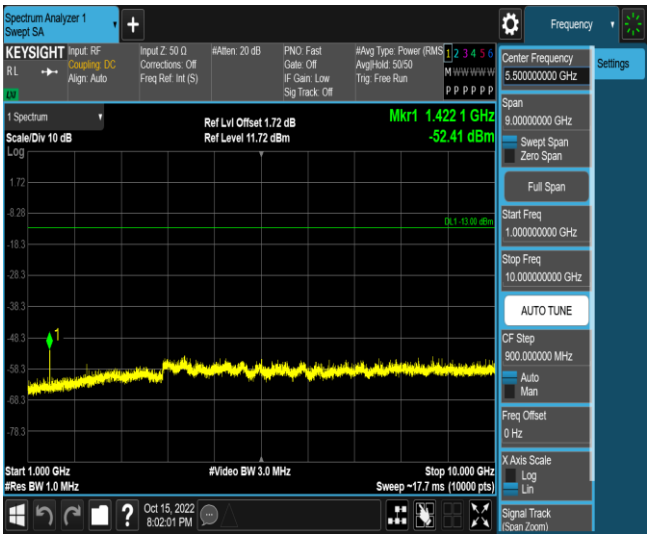
Band12-5MHz-16QAM-23155-1RB#0-Range2:0.15~30MHz



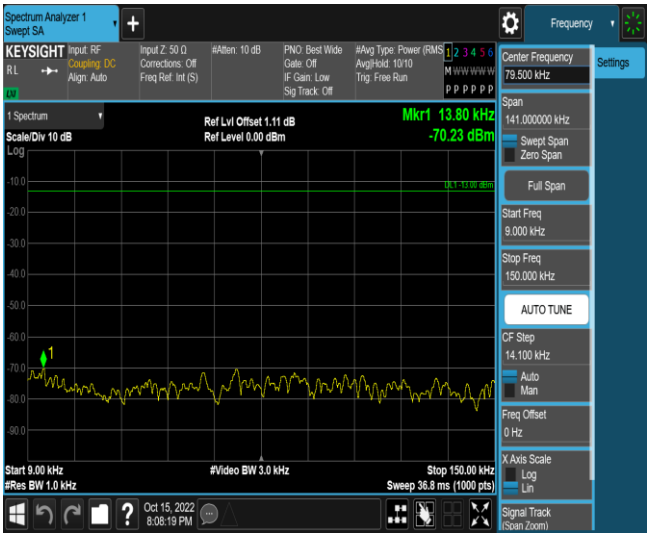
Band12-5MHz-16QAM-23155-1RB#0-Range3:30~1000MHz



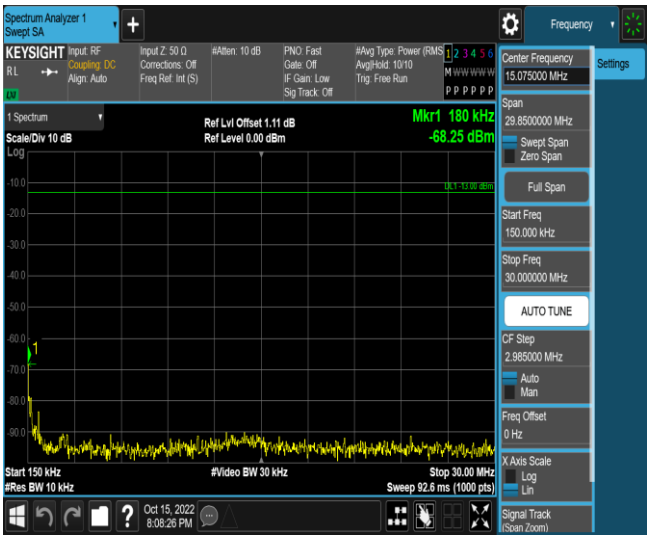
Band12-5MHz-16QAM-23155-1RB#0-Range4:1000~10000MHz



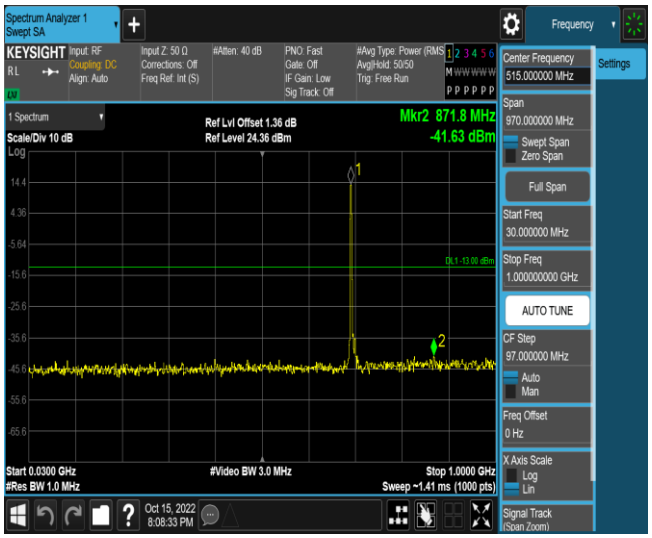
Band12-10MHz-QPSK-23060-1RB#0-Range1:0.009~0.15MHz



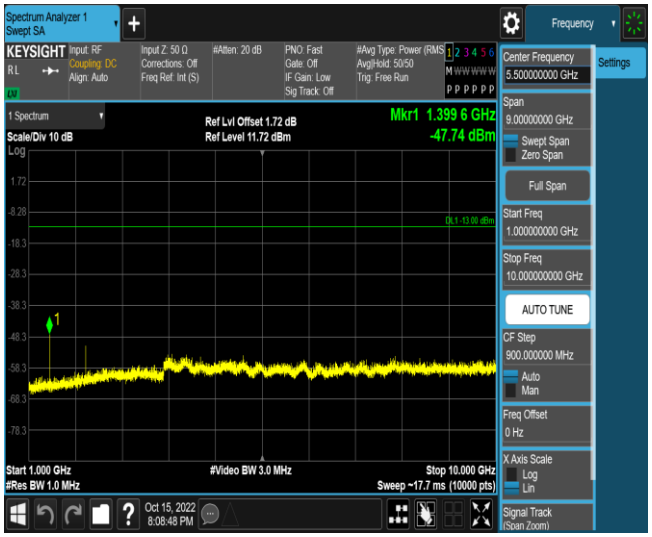
Band12-10MHz-QPSK-23060-1RB#0-Range2:0.15~30MHz



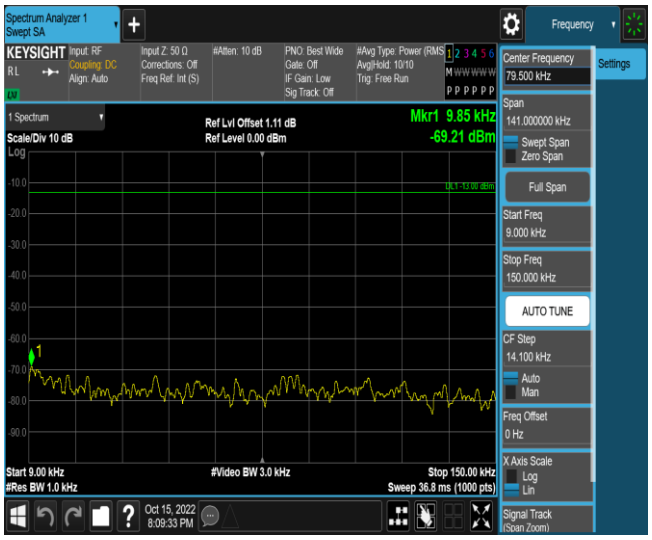
Band12-10MHz-QPSK-23060-1RB#0-Range3:30~1000MHz



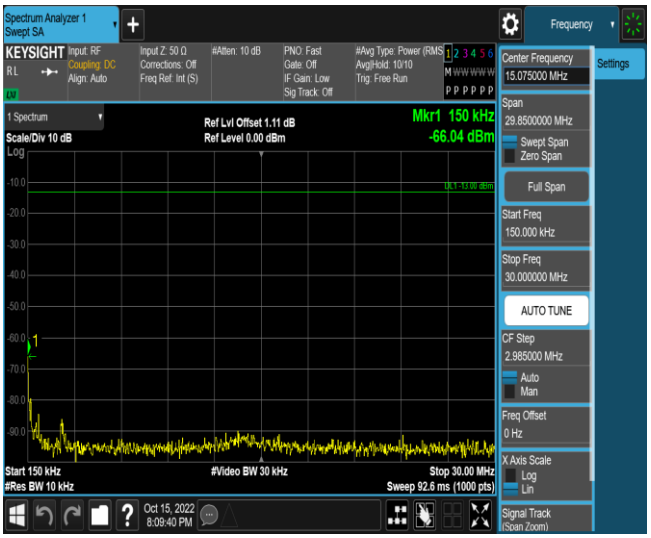
Band12-10MHz-QPSK-23060-1RB#0-Range4:1000~10000MHz



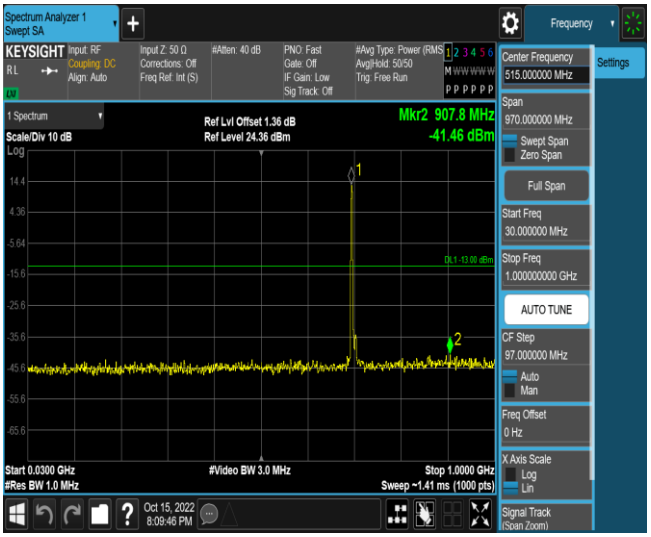
Band12-10MHz-QPSK-23095-1RB#0-Range1:0.009~0.15MHz



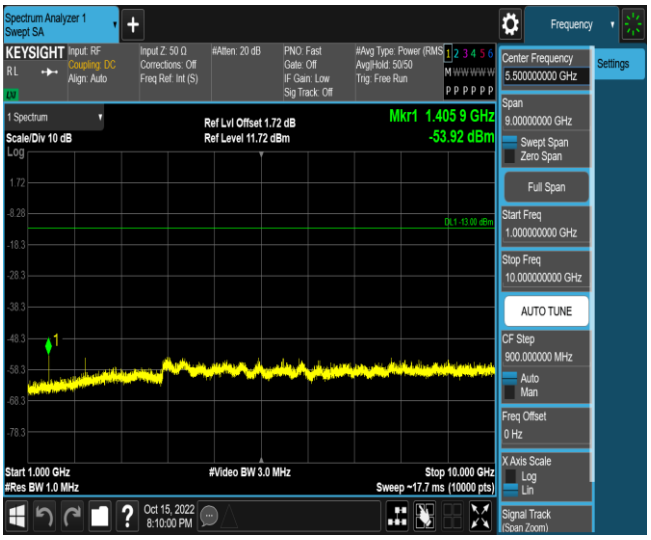
Band12-10MHz-QPSK-23095-1RB#0-Range2:0.15~30MHz



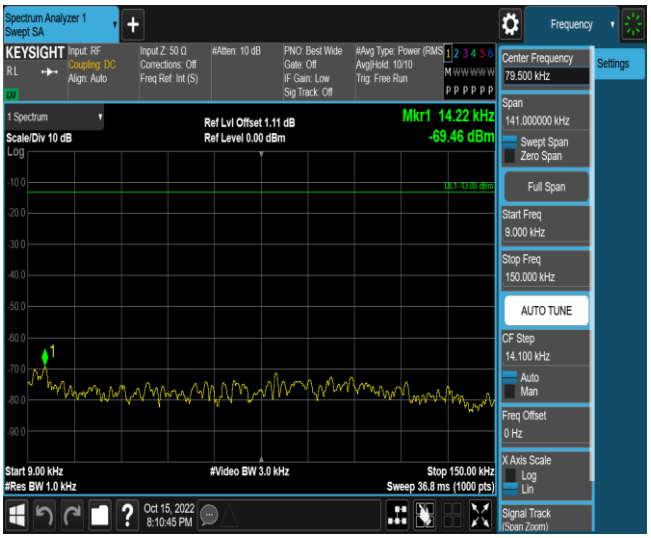
Band12-10MHz-QPSK-23095-1RB#0-Range3:30~1000MHz



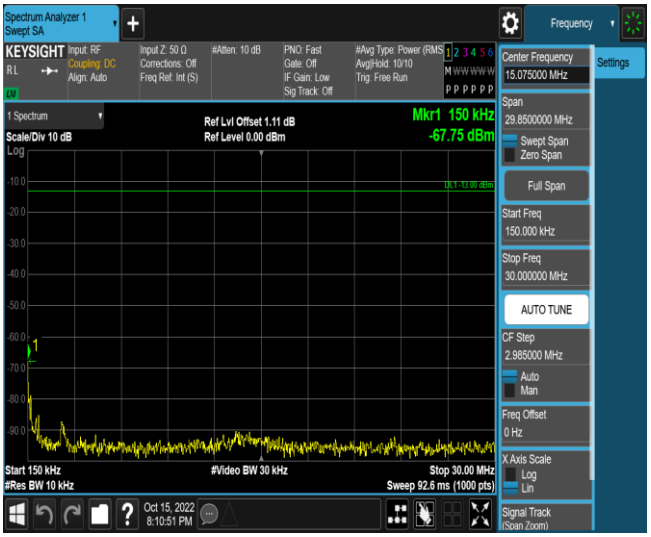
Band12-10MHz-QPSK-23095-1RB#0-Range4:1000~10000MHz



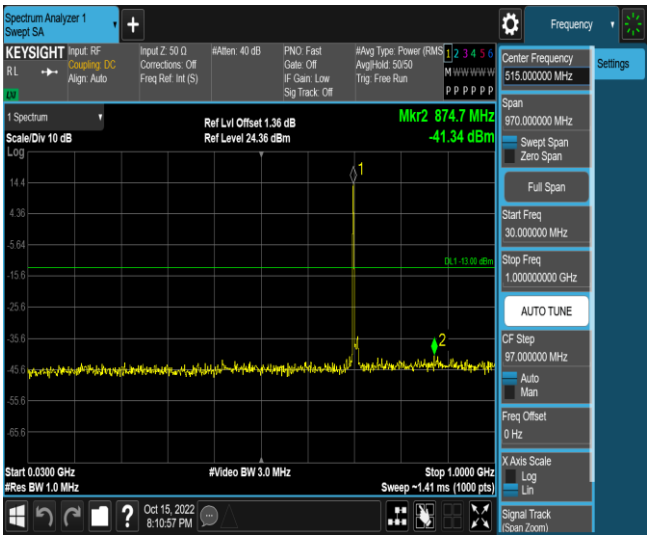
Band12-10MHz-QPSK-23130-1RB#0-Range1:0.009~0.15MHz



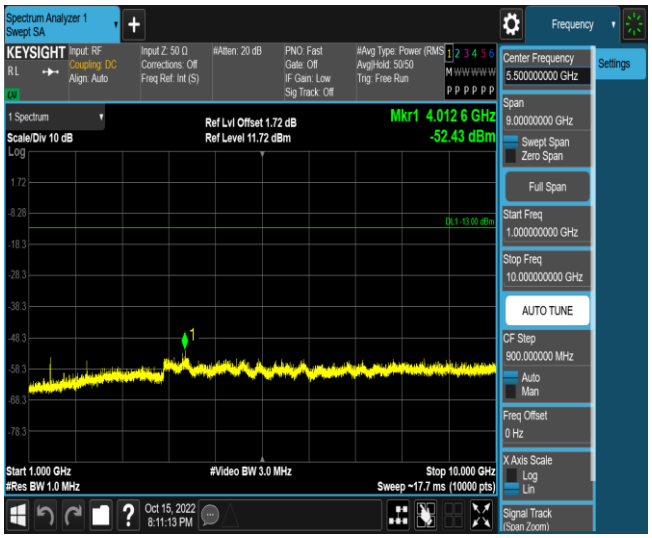
Band12-10MHz-QPSK-23130-1RB#0-Range2:0.15~30MHz



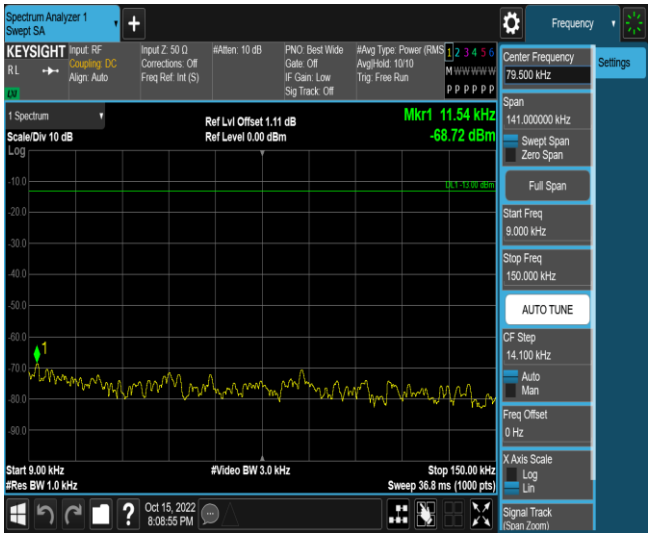
Band12-10MHz-QPSK-23130-1RB#0-Range3:30~1000MHz



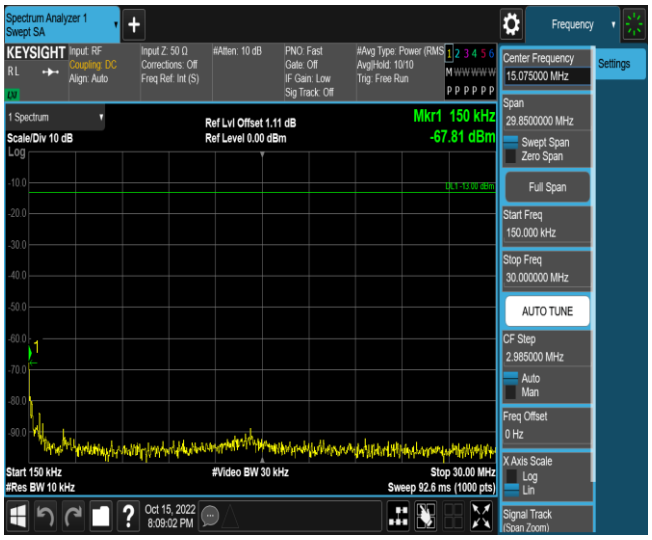
Band12-10MHz-QPSK-23130-1RB#0-Range4:1000~10000MHz



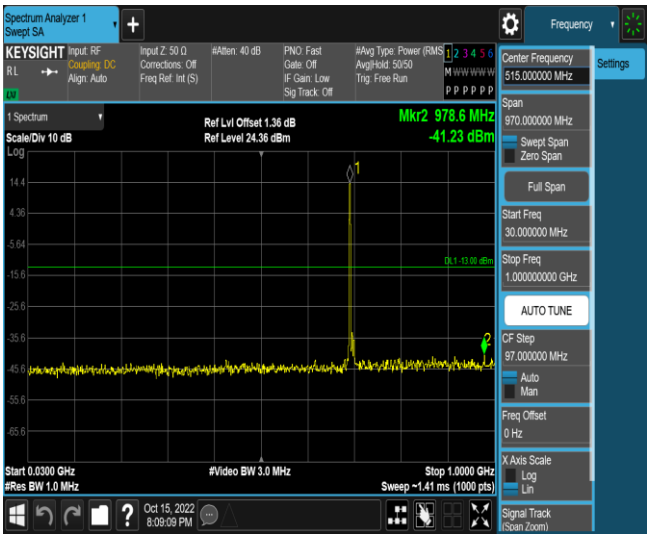
Band12-10MHz-16QAM-23060-1RB#0-Range1:0.009~0.15MHz



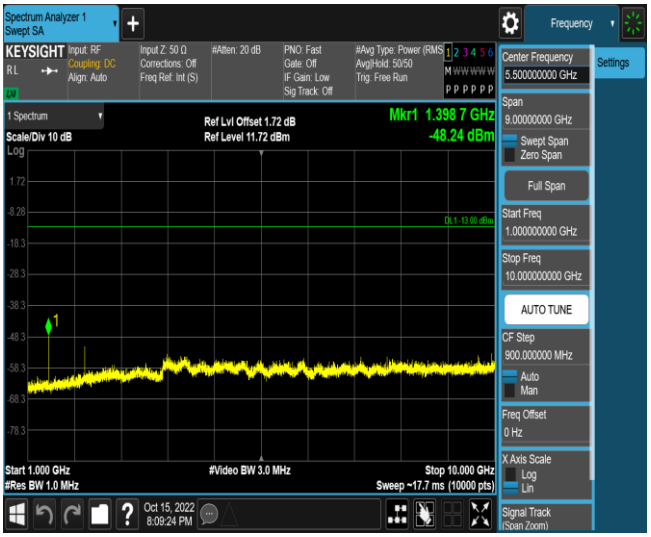
Band12-10MHz-16QAM-23060-1RB#0-Range2:0.15~30MHz



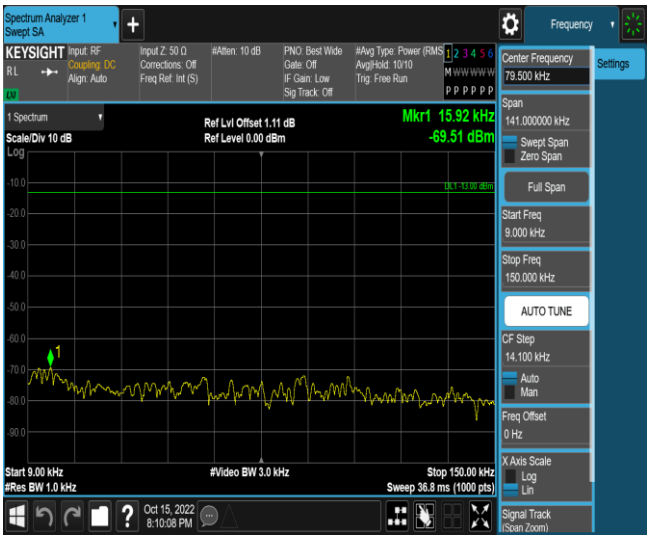
Band12-10MHz-16QAM-23060-1RB#0-Range3:30~1000MHz



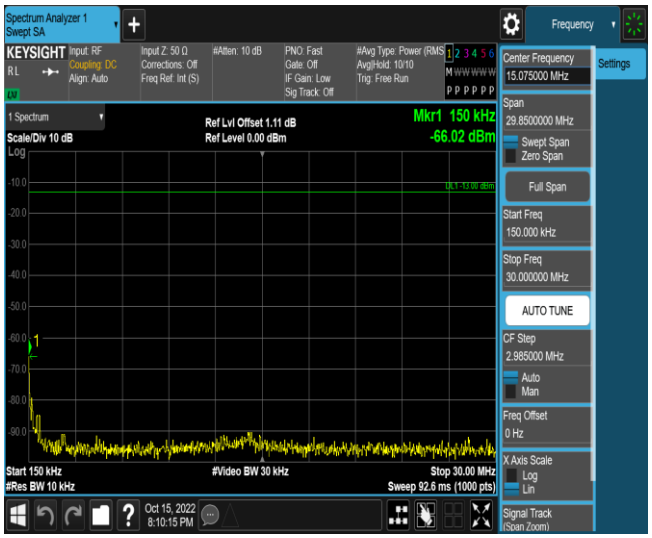
Band12-10MHz-16QAM-23060-1RB#0-Range4:1000~10000MHz



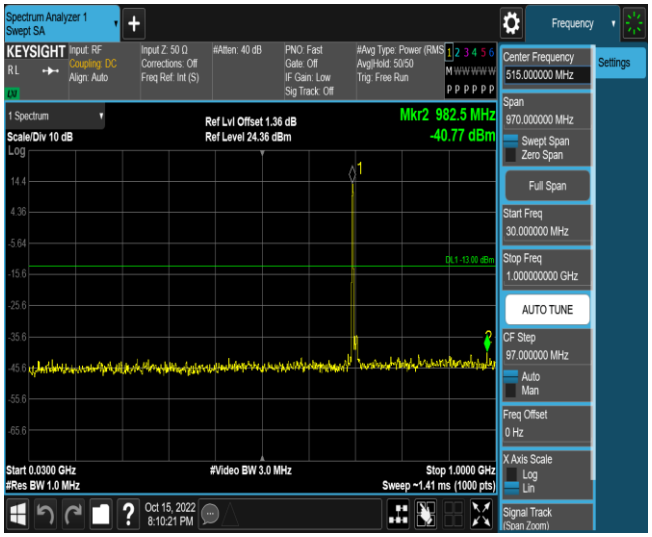
Band12-10MHz-16QAM-23095-1RB#0-Range1:0.009~0.15MHz



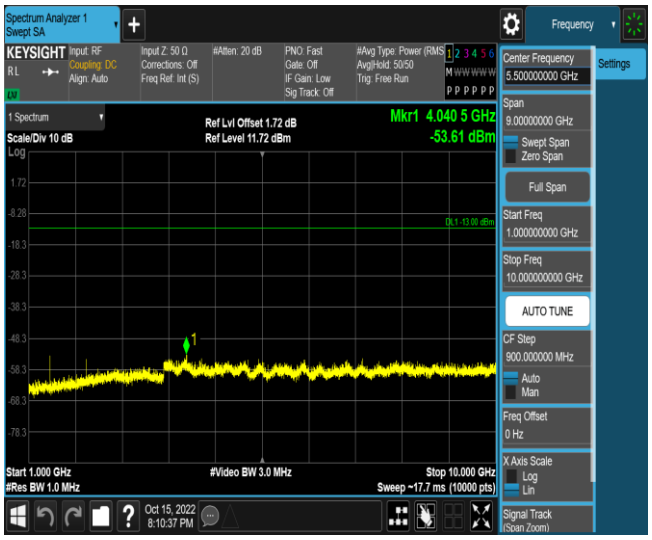
Band12-10MHz-16QAM-23095-1RB#0-Range2:0.15~30MHz



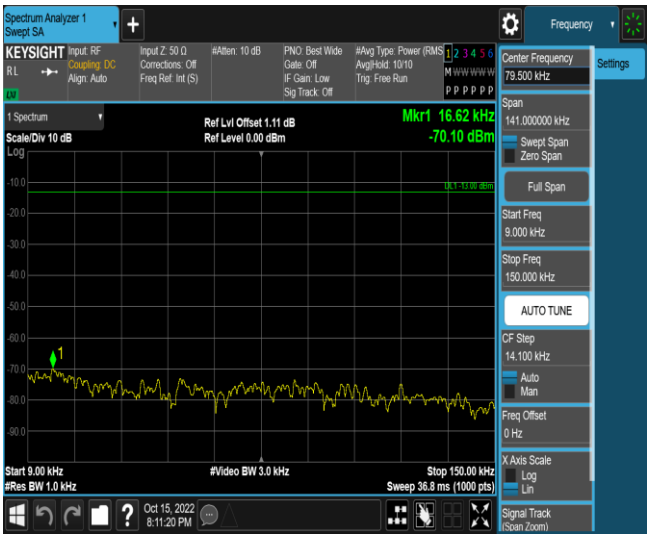
Band12-10MHz-16QAM-23095-1RB#0-Range3:30~1000MHz



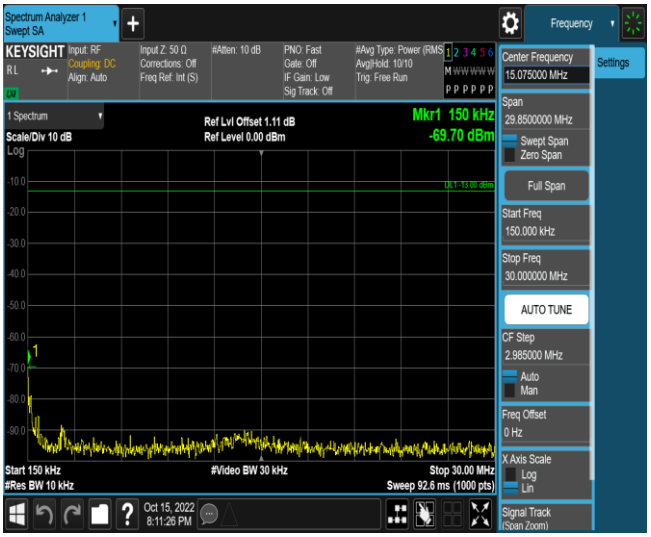
Band12-10MHz-16QAM-23095-1RB#0-Range4:1000~10000MHz



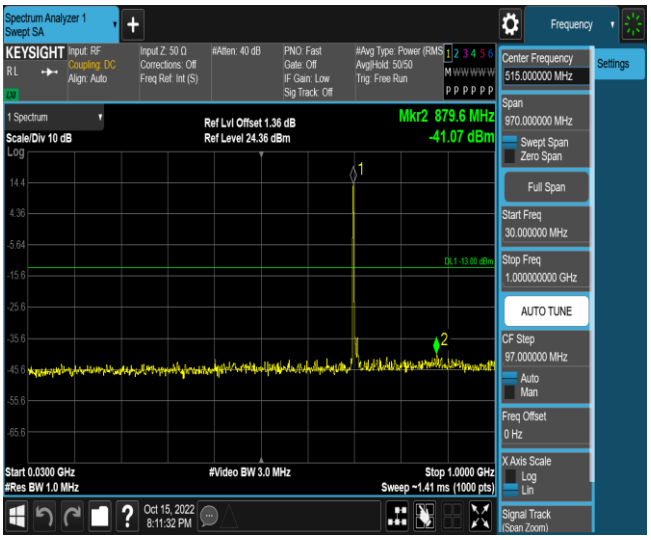
Band12-10MHz-16QAM-23130-1RB#0-Range1:0.009~0.15MHz



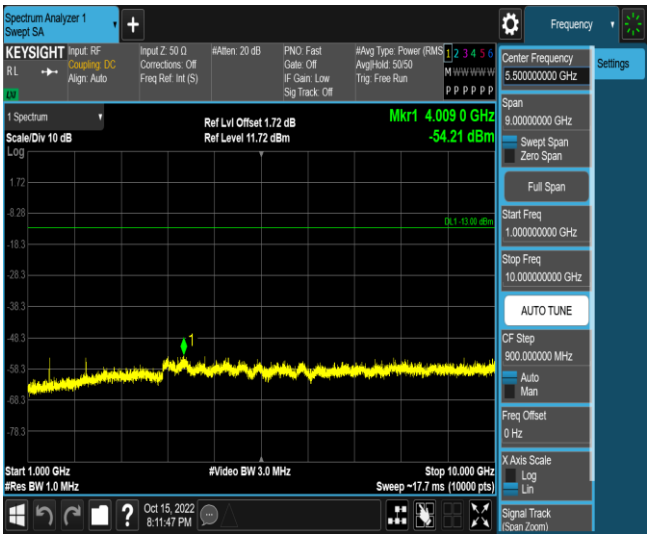
Band12-10MHz-16QAM-23130-1RB#0-Range2:0.15~30MHz



Band12-10MHz-16QAM-23130-1RB#0-Range3:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range4:1000~10000MHz


Spectrum Analyzer 1
Swept SA
KEYSIGHT
Input: RF
Coupling: DC
Align: Auto
Input Z: 50 Ω
Corrections: Off
Freq Ref: Int (S)
#Atten: 20 dB
PNO: Fast
Gate: Off
IF Gain: Low
Sig Track: Off
#Avg Type: Power (RMS)
Avg|Hold: 50/50
Trig: Free Run
Frequency
Settings
Center Frequency
5.500000000 GHz
Span
9.00000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
1.000000000 GHz
Stop Freq
10.000000000 GHz
AUTO TUNE
CF Step
900.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 1.72 dB
Ref Level 11.72 dBm
Mkr1 4.009 0 GHz
-54.21 dBm
Start 1.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Stop 10.000 GHz
Sweep ~17.7 ms (10000 pts)
Oct 15, 2022
8:11:47 PM

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-6.81	-0.009733	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-6.92	-0.009890	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-8.83	-0.012620	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	-4.95	-0.006996	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	3.79	0.005357	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-8.43	-0.011915	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-6.01	-0.008402	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	5.35	0.007479	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-7.61	-0.010639	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-6.12	-0.008747	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-3.19	-0.004559	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-8.00	-0.011433	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-6.42	-0.009074	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-9.31	-0.013159	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-5.61	-0.007929	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-10.40	-0.014539	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-6.02	-0.008416	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-6.15	-0.008598	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-12.27	-0.017516	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	-5.81	-0.008294	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	-11.12	-0.015874	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-7.45	-0.010530	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	5.35	0.007562	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-7.68	-0.010855	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-8.91	-0.012470	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	-1.43	-0.002001	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	-12.57	-0.017593	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	-11.74	-0.016759	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-5.54	-0.007909	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-13.55	-0.019343	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	-8.10	-0.011449	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	-9.04	-0.012777	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	-11.62	-0.016424	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	-8.58	-0.012008	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-9.66	-0.013520	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	-7.52	-0.010525	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-7.28	-0.010378	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	-5.15	-0.007341	±2.5	PASS

Band12	5MHz	QPSK	23035	25RB#0	VH	NT	-9.38	-0.013371	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-10.47	-0.014799	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	2.45	0.003463	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-8.35	-0.011802	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-9.47	-0.013273	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	-4.03	-0.005648	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-10.23	-0.014338	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-14.36	-0.020470	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-10.36	-0.014768	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-8.98	-0.012801	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-8.07	-0.011406	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	-12.35	-0.017456	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	-9.26	-0.013088	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-11.84	-0.016594	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-6.65	-0.009320	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-8.96	-0.012558	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	-6.02	-0.008551	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	-8.85	-0.012571	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	-8.21	-0.011662	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-8.37	-0.011830	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-4.09	-0.005781	±2.5	PASS

Band12	10MHz	QPSK	23095	50RB#0	VH	NT	-7.24	-0.010233	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-10.86	-0.015274	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-5.97	-0.008397	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-8.84	-0.012433	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-4.06	-0.005767	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	2.52	0.003580	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-12.50	-0.017756	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	-7.18	-0.010148	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-8.13	-0.011491	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-8.96	-0.012664	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-4.63	-0.006512	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-6.14	-0.008636	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-6.29	-0.008847	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-5.11	-0.007303	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-4.76	-0.006803	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-7.90	-0.011291	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-5.15	-0.007360	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-5.31	-0.007589	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-8.11	-0.011463	±2.5	PASS

Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-7.70	-0.010883	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-8.30	-0.011731	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-7.35	-0.010389	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-7.35	-0.010389	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-8.21	-0.011478	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-5.69	-0.007955	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-6.64	-0.009283	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-4.63	-0.006473	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-7.91	-0.011058	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-7.90	-0.011291	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-8.07	-0.011534	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-4.03	-0.005760	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-7.54	-0.010776	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-7.24	-0.010347	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-8.97	-0.012678	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-8.43	-0.011915	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-9.37	-0.013244	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-4.48	-0.006332	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-6.44	-0.009102	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-6.55	-0.009157	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-7.32	-0.010233	±2.5	PASS

Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-3.59	-0.005019	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-10.59	-0.014805	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	-4.69	-0.006557	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	-12.42	-0.017730	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	-4.75	-0.006781	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-4.65	-0.006638	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	-5.75	-0.008208	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-6.64	-0.009479	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-10.79	-0.015251	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-5.62	-0.007943	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-8.74	-0.012353	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-10.71	-0.015138	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-9.64	-0.013625	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	-8.00	-0.011197	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	-10.43	-0.014598	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	-4.63	-0.006480	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-7.84	-0.010973	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	-4.25	-0.005948	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	-7.00	-0.009993	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	-6.62	-0.009450	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	-11.50	-0.016417	±2.5	PASS

Band12	3MHz	16QAM	23025	15RB#0	NV	10	-5.85	-0.008351	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	-6.17	-0.008808	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	-9.43	-0.013329	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	-12.15	-0.017173	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-6.98	-0.009866	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-7.82	-0.011053	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-6.59	-0.009314	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	-7.80	-0.010917	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	-6.21	-0.008691	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-9.94	-0.013912	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	-10.44	-0.014612	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	-8.67	-0.012134	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	-11.10	-0.015823	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-13.18	-0.018788	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	-9.98	-0.014227	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	-9.18	-0.013086	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	-11.14	-0.015880	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-11.53	-0.016297	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	-3.09	-0.004367	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	0	-10.23	-0.014459	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-10.10	-0.014276	±2.5	PASS

Band12	5MHz	QPSK	23095	25RB#0	NV	20	-9.67	-0.013668	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	-11.39	-0.015964	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	-11.27	-0.015795	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-7.38	-0.010343	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-8.17	-0.011451	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-7.40	-0.010371	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	-6.17	-0.008795	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	-9.76	-0.013913	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-9.27	-0.013215	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	-6.32	-0.009009	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-4.66	-0.006643	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	-8.43	-0.011915	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-4.91	-0.006940	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-4.45	-0.006290	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	-8.41	-0.011887	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	-7.81	-0.011039	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-8.81	-0.012348	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	-8.80	-0.012334	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	-7.93	-0.011114	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	-8.18	-0.011465	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	-6.01	-0.008423	±2.5	PASS

Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-5.22	-0.007415	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	-10.20	-0.014489	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-11.00	-0.015625	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	-10.29	-0.014616	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	-6.31	-0.008963	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-8.24	-0.011647	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-8.25	-0.011661	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-11.20	-0.015830	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-9.76	-0.013795	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-9.36	-0.013230	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-5.87	-0.008256	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	2.82	0.003966	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-4.48	-0.006301	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-5.97	-0.008397	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-5.56	-0.007820	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-8.50	-0.012074	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	-6.68	-0.009489	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	-3.76	-0.005341	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-9.34	-0.013267	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-5.69	-0.008082	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-6.35	-0.008975	±2.5	PASS

Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-8.33	-0.011774	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	-3.76	-0.005314	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	10	-8.00	-0.011307	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-3.28	-0.004636	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-12.27	-0.017257	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-11.19	-0.015738	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-7.70	-0.010830	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-9.21	-0.012954	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	-4.56	-0.006414	±2.5	PASS