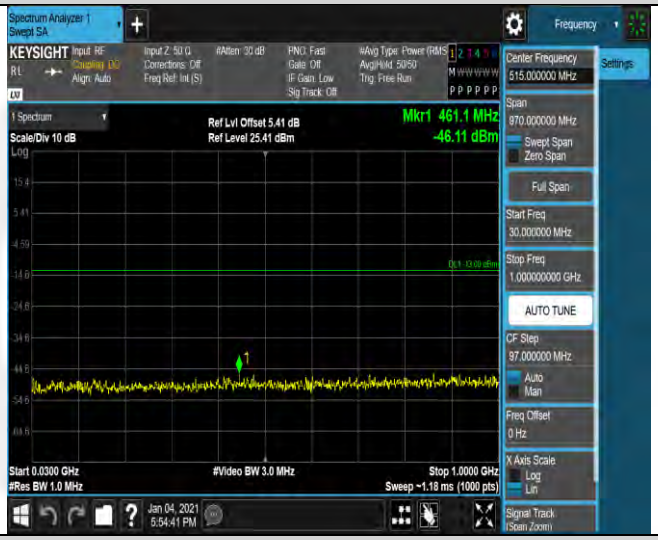
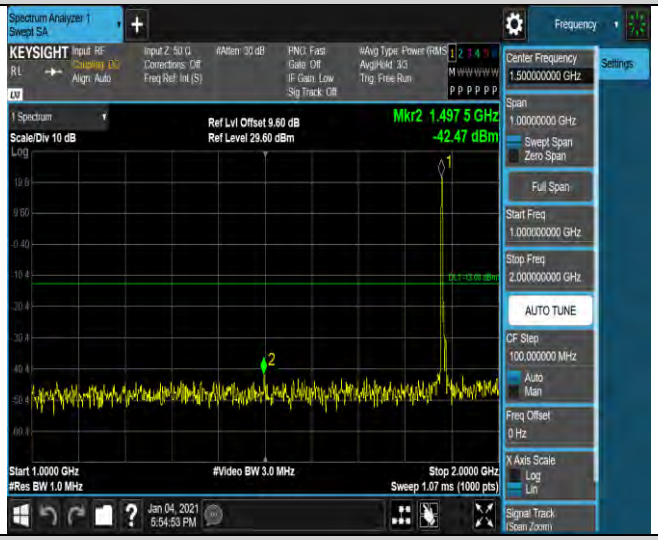
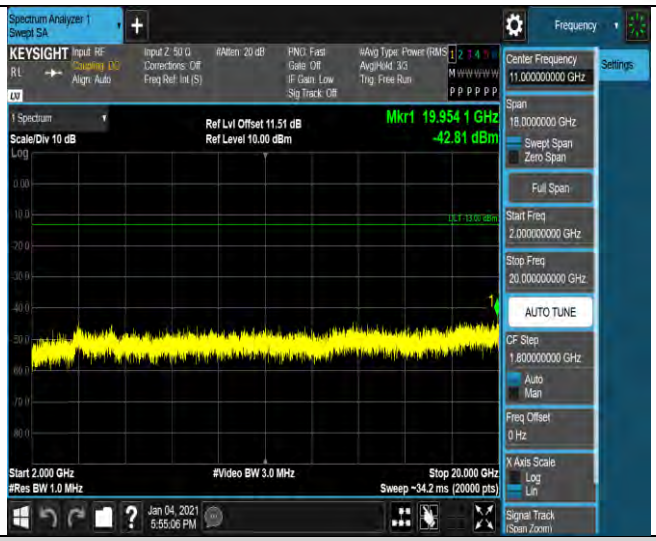
Band2-5MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



Band2-5MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



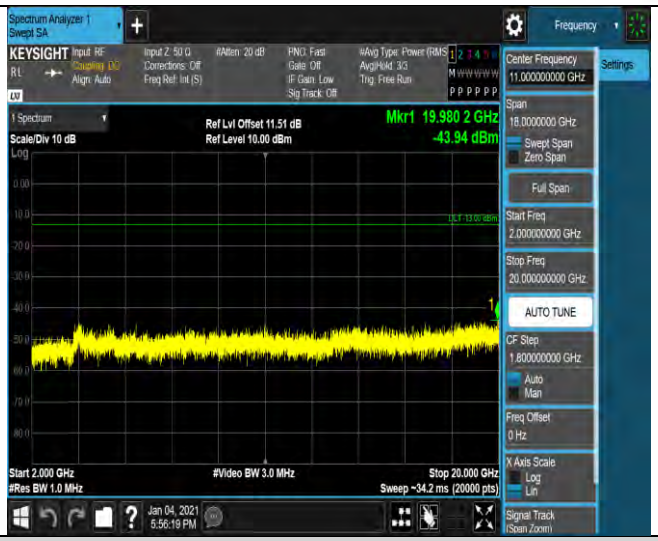
Band2-5MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



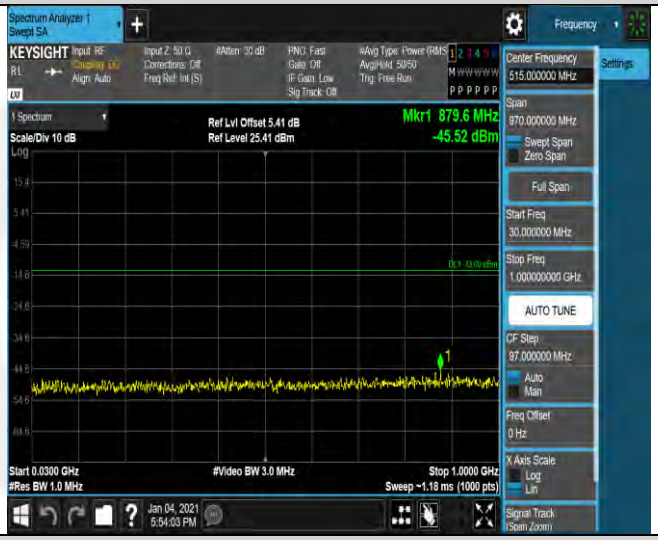
Band2-5MHz-QPSK-19175-1RB#0-Range1:30~1000MHz

Band2-5MHz-QPSK-19175-1RB#0-Range2:1000~2000MHz

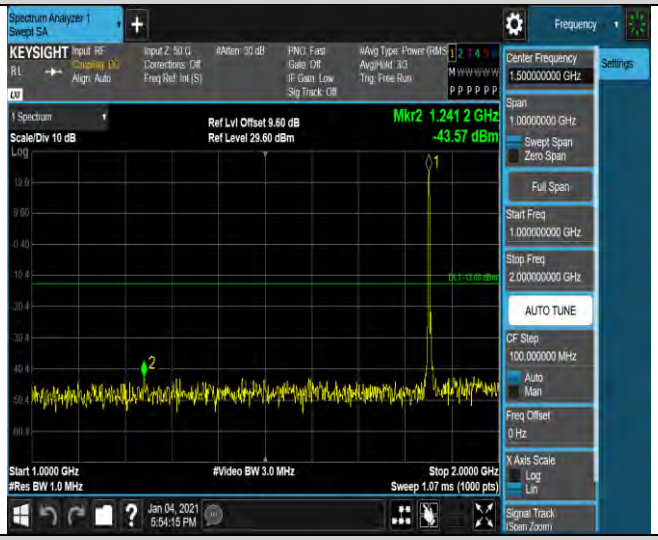
Band2-5MHz-QPSK-19175-1RB#0-Range3:2000~20000MHz



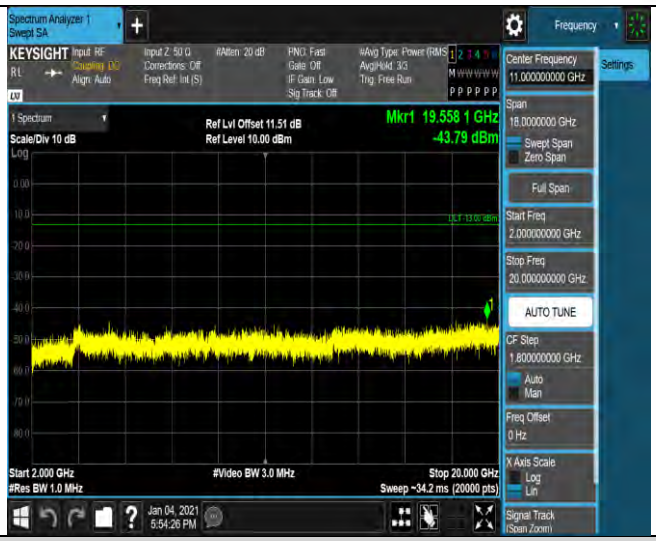
Band2-5MHz-16QAM-18625-1RB#0-Range1:30~1000MHz



Band2-5MHz-16QAM-18625-1RB#0-Range2:1000~2000MHz



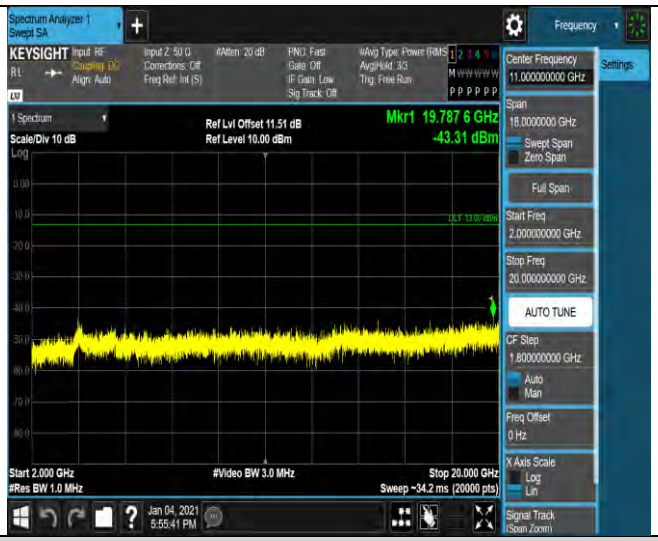
Band2-5MHz-16QAM-18625-1RB#0-Range3:2000~20000MHz



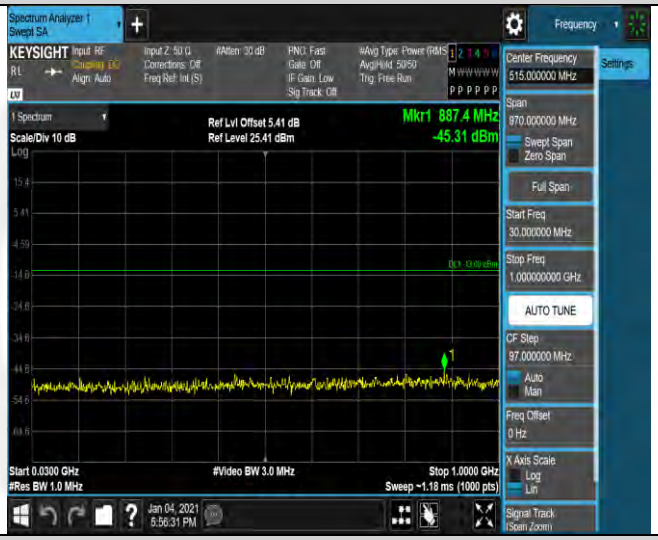
Band2-5MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

Band2-5MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz

Band2-5MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

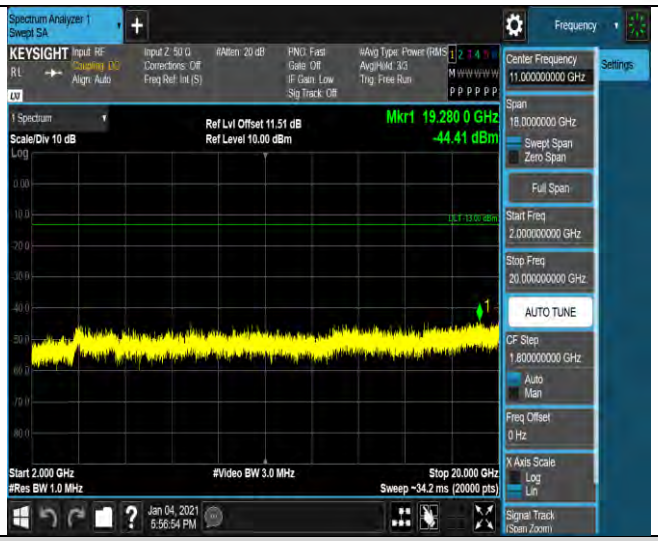


Band2-5MHz-16QAM-19175-1RB#0-Range1:30~1000MHz

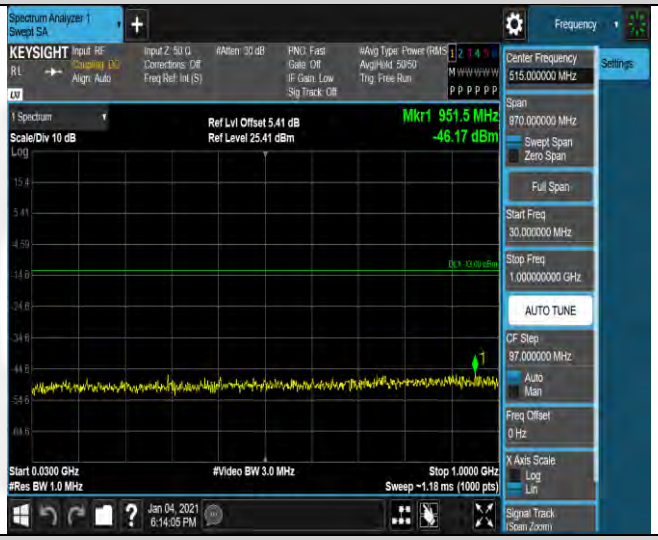


Band2-5MHz-16QAM-19175-1RB#0-Range2:1000~2000MHz

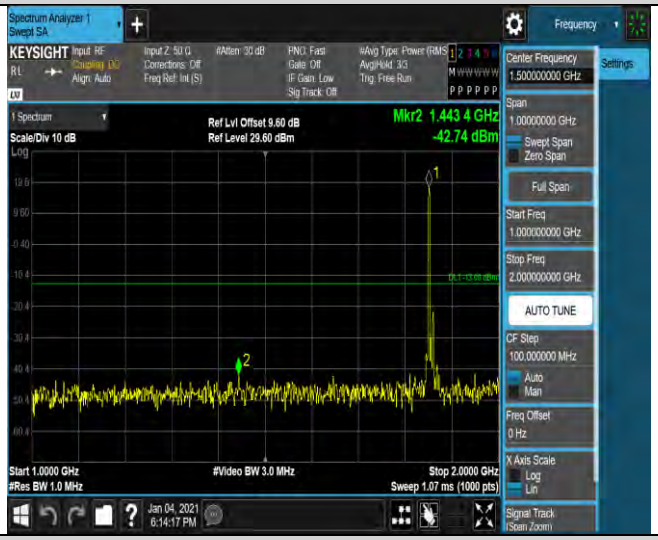
Band2-5MHz-16QAM-19175-1RB#0-Range3:2000~20000MHz



Band2-10MHz-QPSK-18650-1RB#0-Range1:30~1000MHz



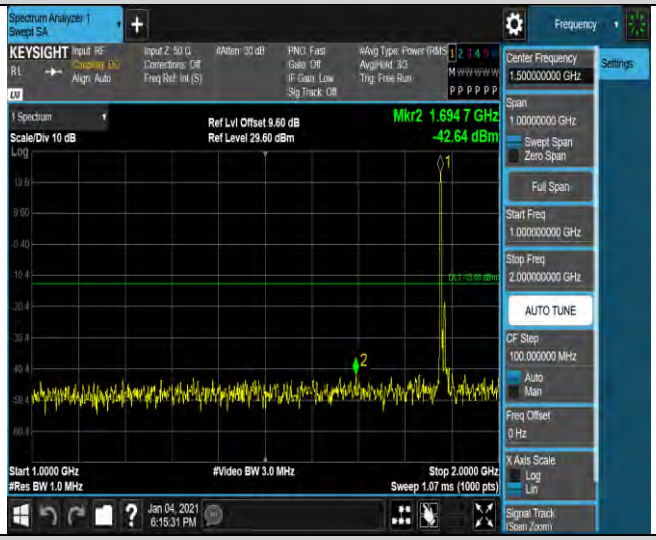
Band2-10MHz-QPSK-18650-1RB#0-Range2:1000~2000MHz



Band2-10MHz-QPSK-18650-1RB#0-Range3:2000~20000MHz

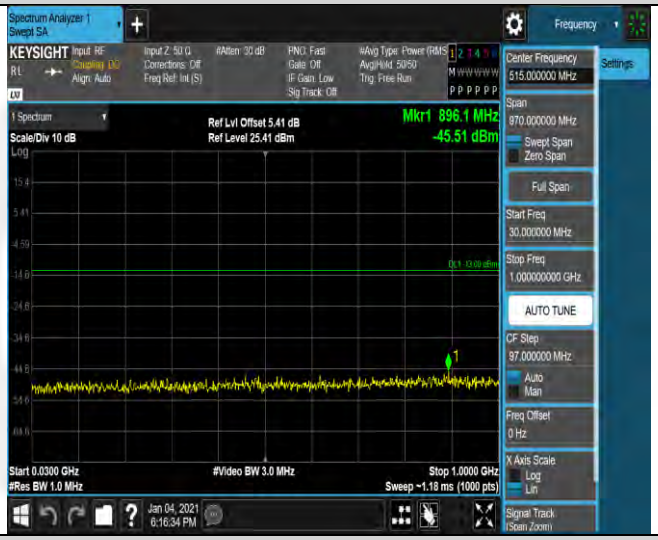
Band2-10MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

Band2-10MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz

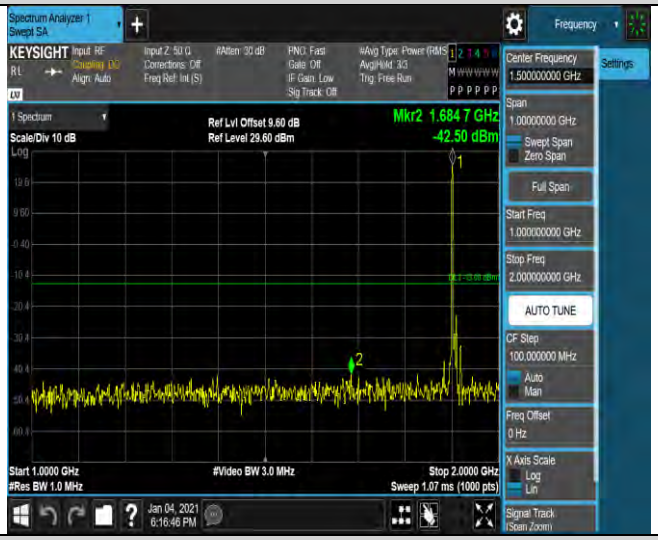


Band2-10MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz

Band2-10MHz-QPSK-19150-1RB#0-Range1:30~1000MHz

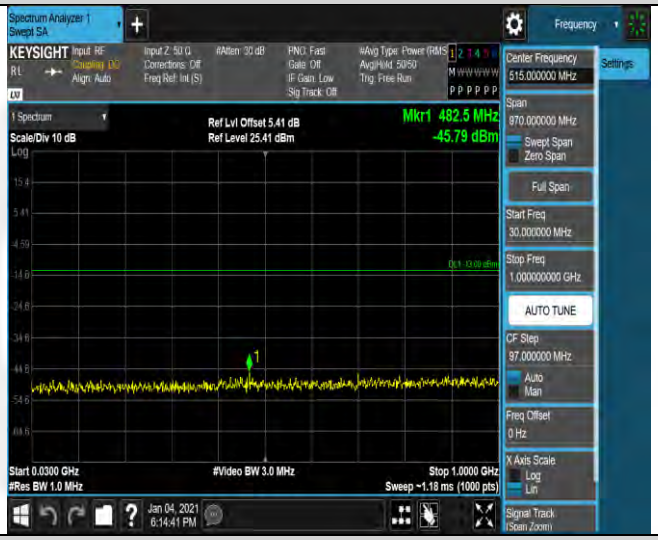


Band2-10MHz-QPSK-19150-1RB#0-Range2:1000~2000MHz

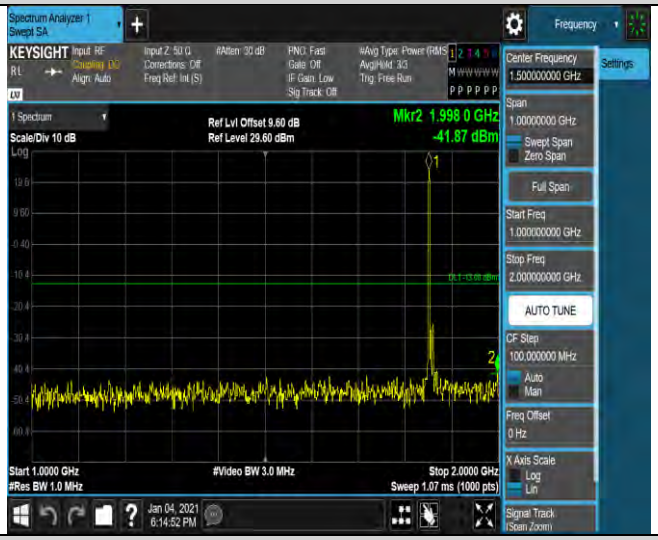


Band2-10MHz-QPSK-19150-1RB#0-Range3:2000~20000MHz

Band2-10MHz-16QAM-18650-1RB#0-Range1:30~1000MHz



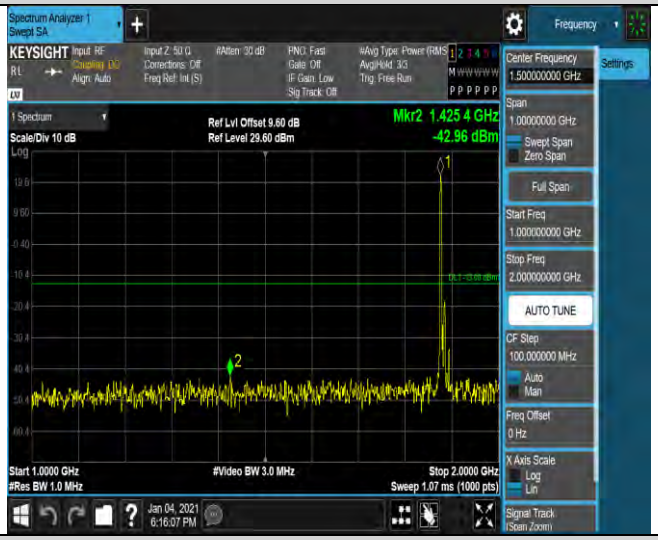
Band2-10MHz-16QAM-18650-1RB#0-Range2:1000~2000MHz



Band2-10MHz-16QAM-18650-1RB#0-Range3:2000~20000MHz

Band2-10MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

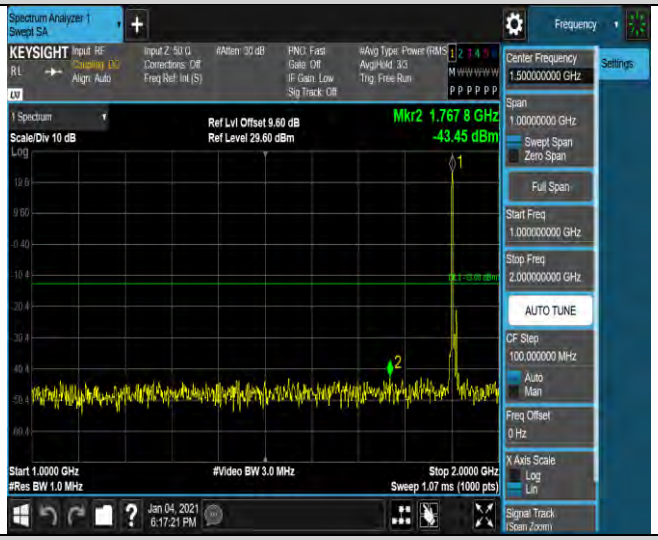
Band2-10MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Band2-10MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

Band2-10MHz-16QAM-19150-1RB#0-Range1:30~1000MHz

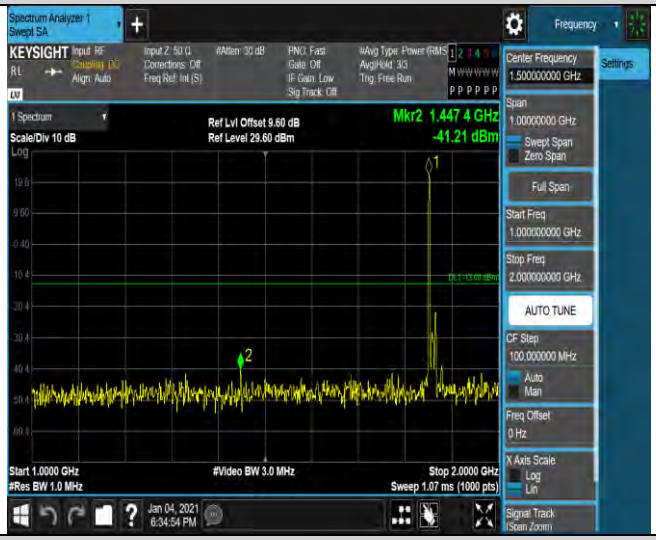
Band2-10MHz-16QAM-19150-1RB#0-Range2:1000~2000MHz



Band2-10MHz-16QAM-19150-1RB#0-Range3:2000~20000MHz

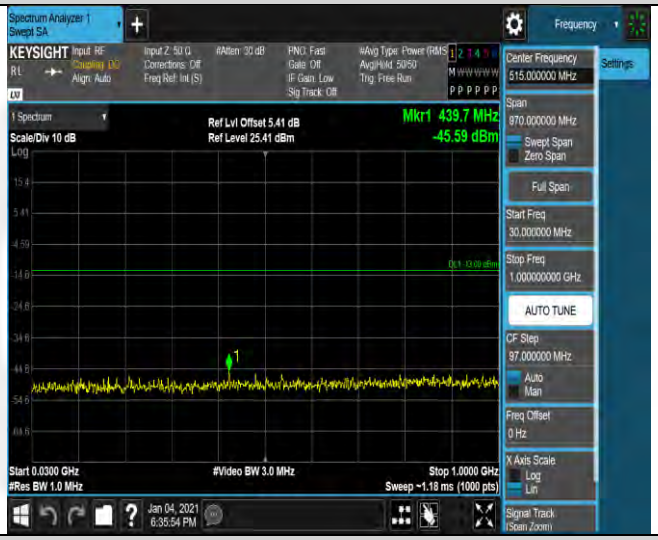
Band2-15MHz-QPSK-18675-1RB#0-Range1:30~1000MHz

Band2-15MHz-QPSK-18675-1RB#0-Range2:1000~2000MHz

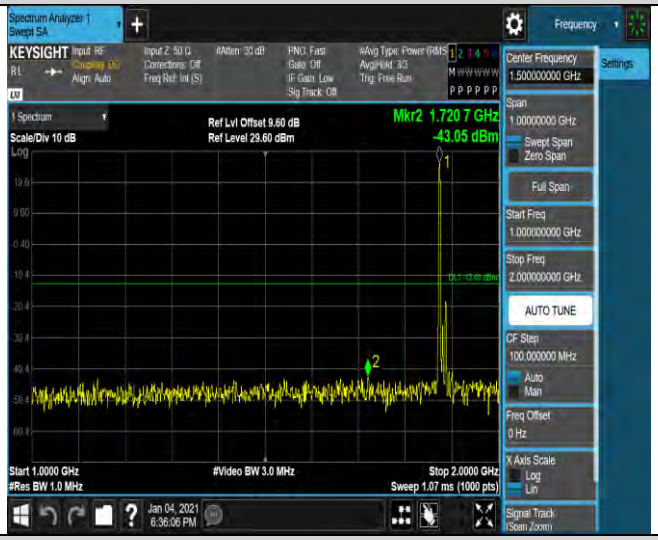


Band2-15MHz-QPSK-18675-1RB#0-Range3:2000~20000MHz

Band2-15MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

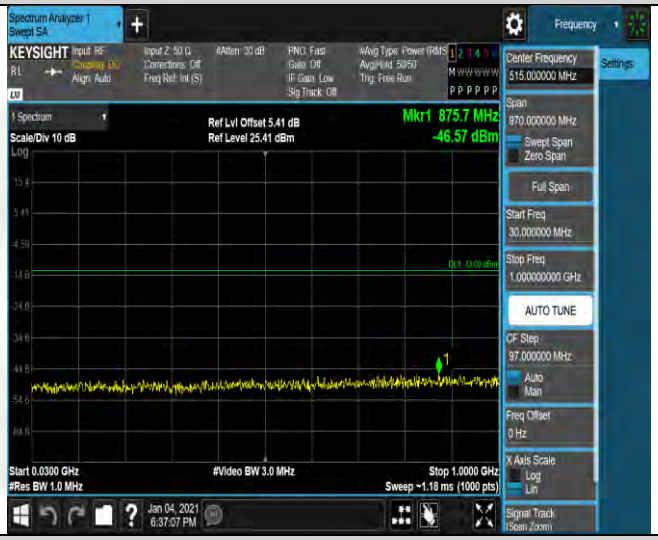


Band2-15MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz



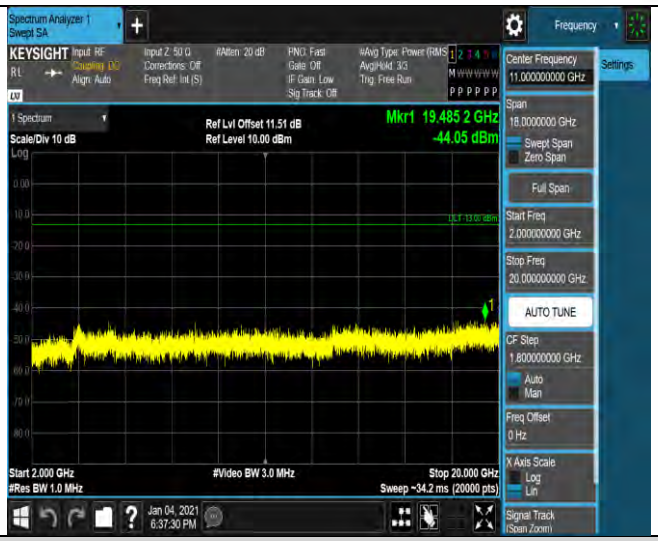
Band2-15MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz

Band2-15MHz-QPSK-19125-1RB#0-Range1:30~1000MHz



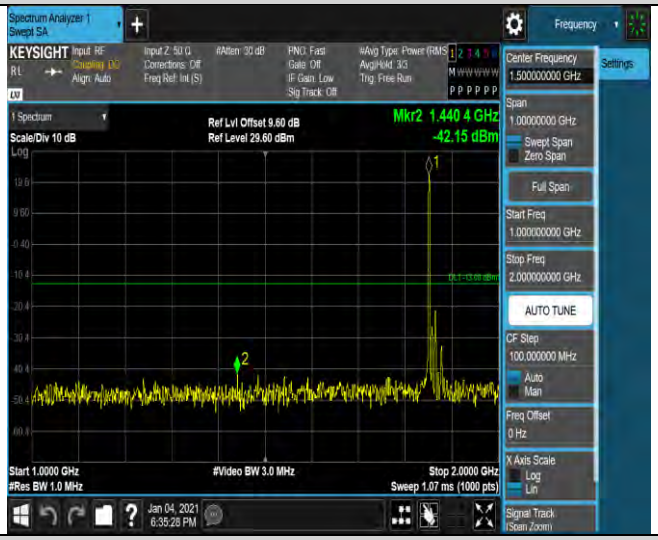
Band2-15MHz-QPSK-19125-1RB#0-Range2:1000~2000MHz

Band2-15MHz-QPSK-19125-1RB#0-Range3:2000~20000MHz



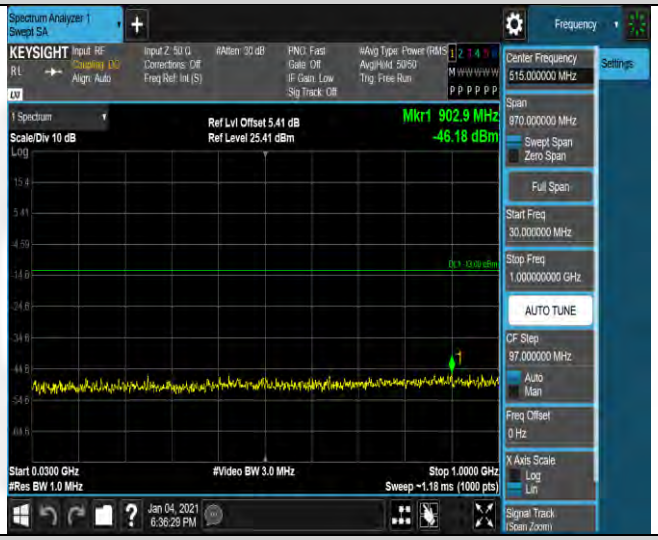
Band2-15MHz-16QAM-18675-1RB#0-Range1:30~1000MHz

Band2-15MHz-16QAM-18675-1RB#0-Range2:1000~2000MHz

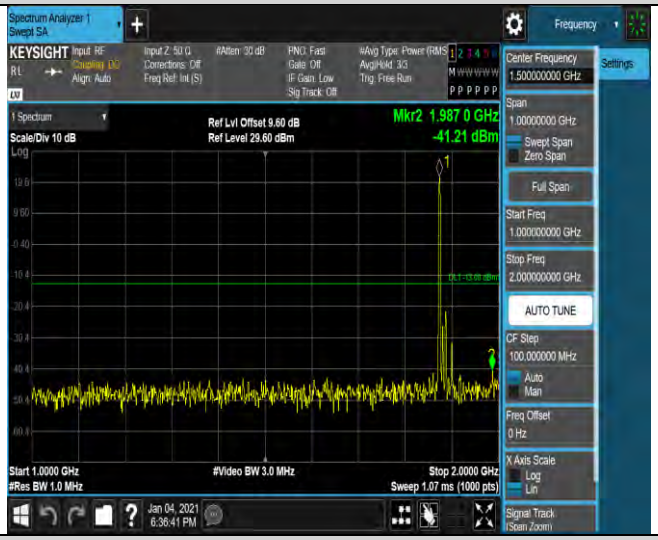


Band2-15MHz-16QAM-18675-1RB#0-Range3:2000~20000MHz

Band2-15MHz-16QAM-18900-1RB#0-Range1:30~1000MHz

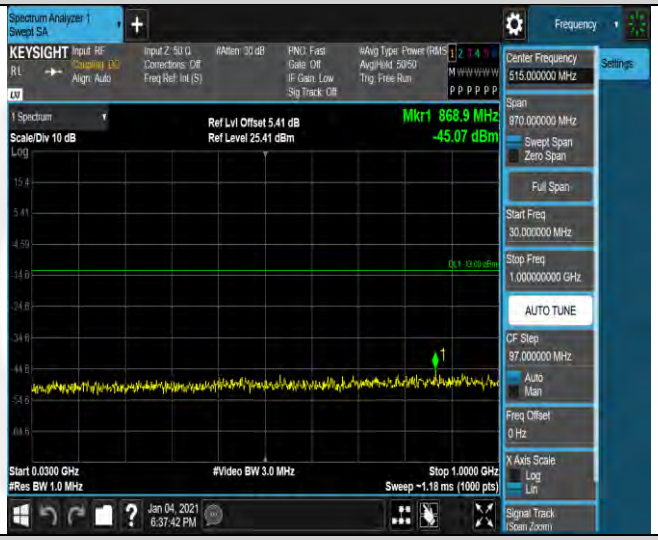


Band2-15MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz

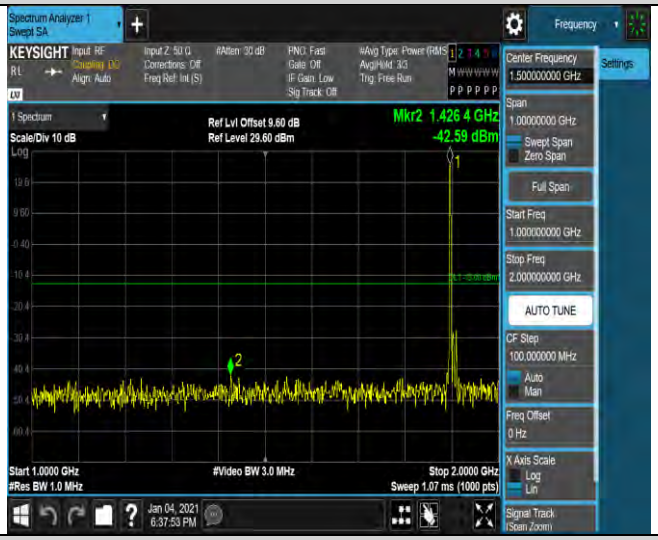


Band2-15MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

Band2-15MHz-16QAM-19125-1RB#0-Range1:30~1000MHz



Band2-15MHz-16QAM-19125-1RB#0-Range2:1000~2000MHz



Band2-15MHz-16QAM-19125-1RB#0-Range3:2000~20000MHz

Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz

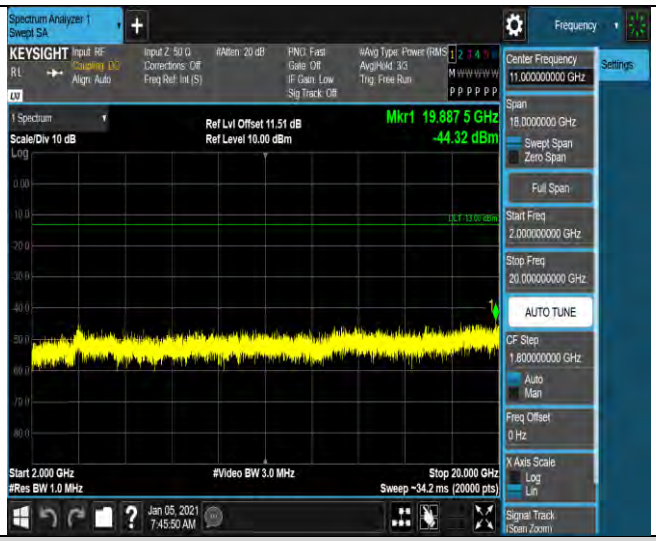
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~2000MHz

Band2-20MHz-QPSK-18700-1RB#0-Range3:2000~20000MHz

Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz

Band2-20MHz-QPSK-18900-1RB#0-Range2:1000~2000MHz

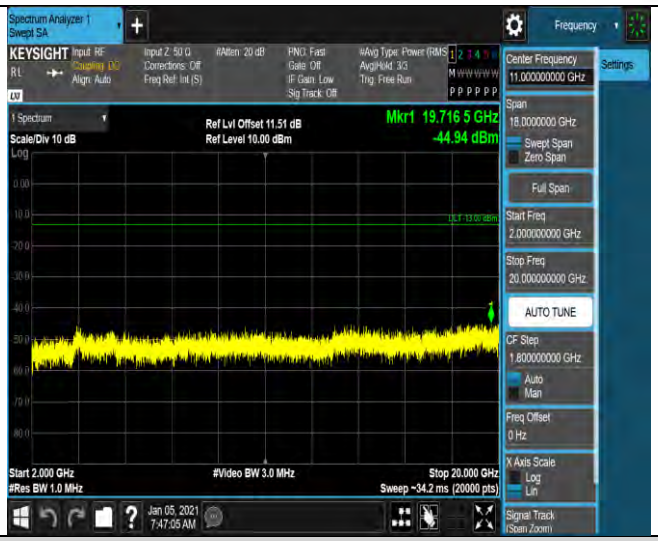
Band2-20MHz-QPSK-18900-1RB#0-Range3:2000~20000MHz



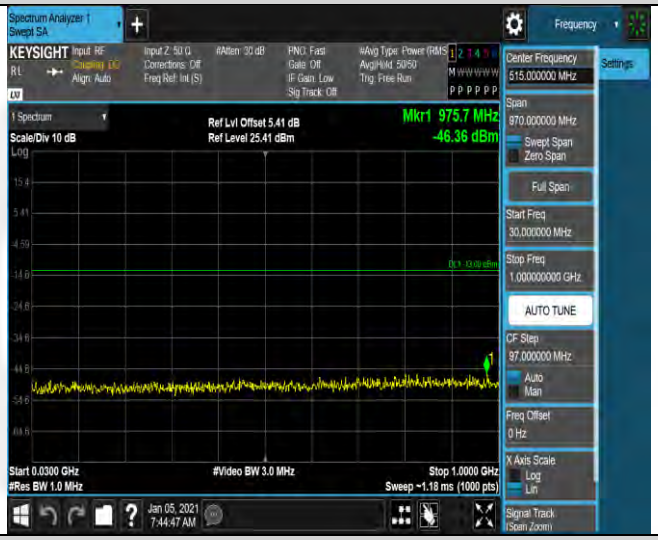
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz

Band2-20MHz-QPSK-19100-1RB#0-Range2:1000~2000MHz

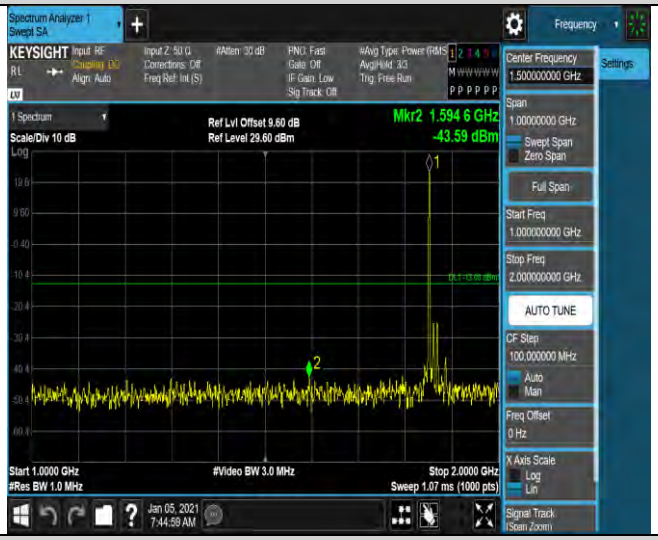
Band2-20MHz-QPSK-19100-1RB#0-Range3:2000~20000MHz



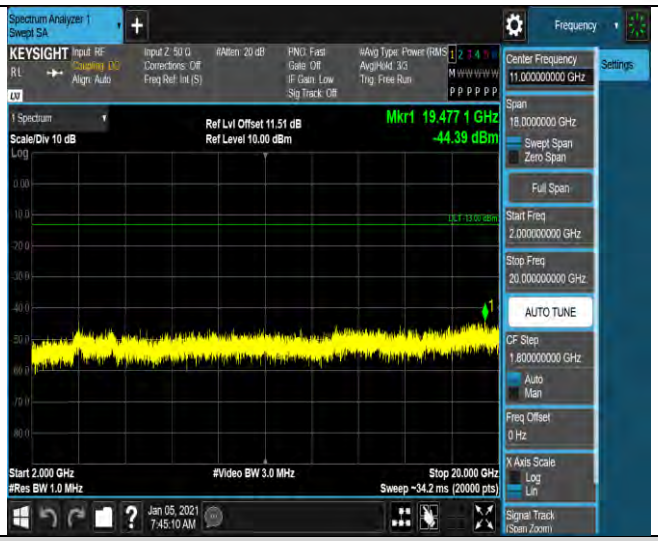
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



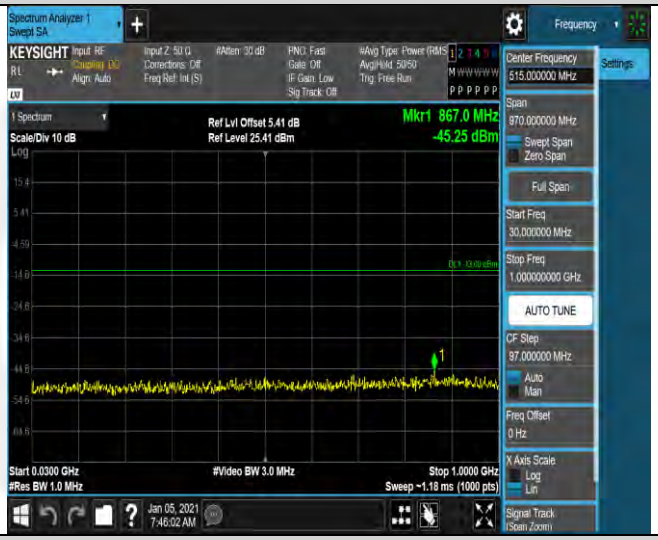
Band2-20MHz-16QAM-18700-1RB#0-Range2:1000~2000MHz



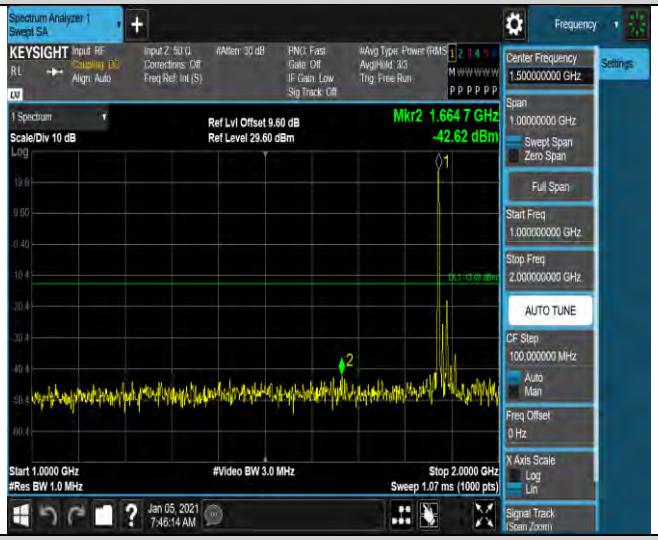
Band2-20MHz-16QAM-18700-1RB#0-Range3:2000~20000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



Band2-20MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz

Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz

Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz

Band2-20MHz-16QAM-19100-1RB#0-Range3:2000~20000MHz

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: 3/3
Trig: Free Run
Frequency
Settings
Center Frequency
11.000000000 GHz
Span
18.0000000 GHz
Swept Span
Zero Span
Full Span
Start Freq
2.000000000 GHz
Stop Freq
20.000000000 GHz
AUTO TUNE
CF Step
1.800000000 GHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
iScan Zoom
1 Spectrum
Scale/Div 10 dB
Log
Ref Lvl Offset 11.51 dB
Ref Level 10.00 dBm
Mkr1 18.763 3 GHz
-44.73 dBm
Start 2.000 GHz
#Res BW 1.0 MHz
#Video BW 3.0 MHz
Stop 20.000 GHz
Sweep ~34.2 ms (20000 pts)
Jan 05, 2021
7:47:41 AM

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	8.40	0.004539	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-5.58	-0.003015	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	-14.32	-0.007738	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-9.16	-0.004872	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	-14.06	-0.007479	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-13.79	-0.007335	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	-15.59	-0.008165	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	-16.42	-0.008600	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	-14.59	-0.007642	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	-15.69	-0.008478	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	8.84	0.004777	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	-11.99	-0.006479	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	7.81	0.004154	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-10.57	-0.005622	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	-5.54	-0.002947	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	6.24	0.003268	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	9.91	0.005190	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	6.71	0.003514	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VL	NT	10.31	0.005568	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VN	NT	17.54	0.009473	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	VH	NT	14.92	0.008058	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VL	NT	12.22	0.006500	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VN	NT	14.99	0.007973	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	VH	NT	16.04	0.008532	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VL	NT	14.26	0.007472	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VN	NT	15.19	0.007959	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	VH	NT	17.35	0.009091	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VL	NT	14.58	0.007875	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VN	NT	9.74	0.005261	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	VH	NT	8.80	0.004753	±2.5	PASS

Band2	3MHz	16QAM	18900	15RB#0	VL	NT	13.70	0.007287	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VN	NT	15.32	0.008149	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	VH	NT	12.75	0.006782	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VL	NT	14.52	0.007608	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VN	NT	11.86	0.006214	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	VH	NT	9.31	0.004878	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VL	NT	-8.11	-0.004378	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VN	NT	-6.84	-0.003692	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	VH	NT	-12.42	-0.006704	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VL	NT	16.47	0.008761	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VN	NT	14.45	0.007686	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	VH	NT	9.90	0.005266	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VL	NT	5.01	0.002626	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VN	NT	7.11	0.003727	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	VH	NT	2.63	0.001379	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VL	NT	-6.47	-0.003493	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VN	NT	-10.13	-0.005468	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	VH	NT	-11.30	-0.006100	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VL	NT	12.37	0.006580	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VN	NT	16.85	0.008963	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	VH	NT	14.95	0.007952	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VL	NT	6.37	0.003339	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VN	NT	-4.88	-0.002558	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	VH	NT	-4.02	-0.002107	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VL	NT	-6.82	-0.003677	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VN	NT	-9.50	-0.005121	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	VH	NT	6.34	0.003418	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VL	NT	12.19	0.006484	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VN	NT	7.90	0.004202	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	VH	NT	12.77	0.006793	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VL	NT	-7.22	-0.003790	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VN	NT	4.91	0.002577	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	VH	NT	-6.51	-0.003417	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VL	NT	-8.87	-0.004782	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VN	NT	-5.16	-0.002782	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	VH	NT	9.27	0.004997	±2.5	PASS

Band2	10MHz	16QAM	18900	50RB#0	VL	NT	13.79	0.007335	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VN	NT	13.60	0.007234	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	VH	NT	8.93	0.004750	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VL	NT	-10.66	-0.005596	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VN	NT	-14.46	-0.007591	±2.5	PASS
Band2	10MHz	16QAM	19150	50RB#0	VH	NT	4.19	0.002199	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VL	NT	5.31	0.002859	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VN	NT	10.84	0.005836	±2.5	PASS
Band2	15MHz	QPSK	18675	75RB#0	VH	NT	2.15	0.001157	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VL	NT	12.53	0.006665	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VN	NT	14.46	0.007691	±2.5	PASS
Band2	15MHz	QPSK	18900	75RB#0	VH	NT	11.57	0.006154	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VL	NT	9.54	0.005014	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VN	NT	14.32	0.007527	±2.5	PASS
Band2	15MHz	QPSK	19125	75RB#0	VH	NT	12.80	0.006728	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VL	NT	6.52	0.003510	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VN	NT	8.60	0.004630	±2.5	PASS
Band2	15MHz	16QAM	18675	75RB#0	VH	NT	8.20	0.004415	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VL	NT	11.17	0.005941	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VN	NT	12.49	0.006644	±2.5	PASS
Band2	15MHz	16QAM	18900	75RB#0	VH	NT	13.19	0.007016	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VL	NT	10.99	0.005777	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VN	NT	12.97	0.006817	±2.5	PASS
Band2	15MHz	16QAM	19125	75RB#0	VH	NT	7.61	0.004000	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	-11.63	-0.006253	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-4.86	-0.002613	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	-10.67	-0.005737	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	13.12	0.006979	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	8.18	0.004351	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	9.67	0.005144	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	6.48	0.003411	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-4.39	-0.002311	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	5.24	0.002758	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-13.13	-0.007059	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	-9.54	-0.005129	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-9.91	-0.005328	±2.5	PASS

Band2	20MHz	16QAM	18900	100RB#0	VL	NT	13.96	0.007426	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	14.99	0.007973	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	10.63	0.005654	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	6.48	0.003411	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	5.48	0.002884	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	4.16	0.002189	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	8.04	0.004344	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	-6.71	-0.003626	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-10	-5.84	-0.003156	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	8.40	0.004539	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	11.12	0.006009	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	-4.23	-0.002286	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	30	-9.46	-0.005112	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	40	-14.13	-0.007635	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	50	-8.10	-0.004377	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-15.02	-0.007989	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	-9.66	-0.005138	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-10	-8.61	-0.004580	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-7.17	-0.003814	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-13.49	-0.007176	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-14.46	-0.007691	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	30	-12.82	-0.006819	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	40	-9.10	-0.004840	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	50	-9.48	-0.005043	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	-12.06	-0.006316	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	-11.03	-0.005777	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-10	-10.69	-0.005599	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	-11.57	-0.006060	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	-11.10	-0.005814	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	-7.05	-0.003692	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	30	-9.84	-0.005154	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	40	3.49	0.001828	±2.5	PASS

Band2	1.4MHz	QPSK	19193	6RB#0	NV	50	10.11	0.005295	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	-8.23	-0.004447	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	-8.21	-0.004436	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-10	-16.75	-0.009051	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-6.08	-0.003285	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-12.26	-0.006625	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-12.49	-0.006749	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	30	-4.88	-0.002637	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	40	-3.82	-0.002064	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	50	8.71	0.004706	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	3.28	0.001745	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	-8.25	-0.004388	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-10	-11.13	-0.005920	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	6.72	0.003574	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	10.46	0.005564	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	-11.27	-0.005995	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	30	-7.54	-0.004011	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	40	9.23	0.004910	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	50	5.84	0.003106	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	-7.57	-0.003965	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	-4.84	-0.002535	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-10	-4.62	-0.002420	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	11.87	0.006217	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	-7.77	-0.004070	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	4.48	0.002346	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	30	5.38	0.002818	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	40	-8.94	-0.004682	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	50	-10.14	-0.005311	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-30	9.60	0.005185	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-20	11.46	0.006190	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	-10	8.24	0.004450	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	0	12.45	0.006724	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	10	14.89	0.008042	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	20	9.96	0.005379	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	30	10.66	0.005757	±2.5	PASS
Band2	3MHz	QPSK	18615	15RB#0	NV	40	16.24	0.008771	±2.5	PASS

Band2	3MHz	QPSK	18615	15RB#0	NV	50	9.23	0.004985	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-30	14.82	0.007883	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-20	14.98	0.007968	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	-10	12.67	0.006739	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	0	12.65	0.006729	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	10	18.30	0.009734	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	20	17.04	0.009064	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	30	12.90	0.006862	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	40	16.39	0.008718	±2.5	PASS
Band2	3MHz	QPSK	18900	15RB#0	NV	50	14.93	0.007941	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-30	13.55	0.007100	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-20	6.47	0.003390	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	-10	13.96	0.007315	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	0	14.08	0.007378	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	10	11.24	0.005889	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	20	10.66	0.005586	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	30	10.29	0.005392	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	40	14.43	0.007561	±2.5	PASS
Band2	3MHz	QPSK	19185	15RB#0	NV	50	10.00	0.005240	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-30	12.66	0.006838	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-20	11.97	0.006465	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	-10	11.76	0.006352	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	0	14.88	0.008037	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	10	8.74	0.004720	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	20	7.68	0.004148	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	30	12.17	0.006573	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	40	9.08	0.004904	±2.5	PASS
Band2	3MHz	16QAM	18615	15RB#0	NV	50	10.76	0.005812	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-30	11.50	0.006117	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-20	13.06	0.006947	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	-10	11.12	0.005915	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	0	8.80	0.004681	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	10	14.65	0.007793	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	20	13.86	0.007372	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	30	21.09	0.011218	±2.5	PASS
Band2	3MHz	16QAM	18900	15RB#0	NV	40	14.26	0.007585	±2.5	PASS

Band2	3MHz	16QAM	18900	15RB#0	NV	50	15.88	0.008447	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-30	12.73	0.006670	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-20	17.05	0.008934	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	-10	11.39	0.005968	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	0	15.79	0.008274	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	10	10.31	0.005402	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	20	11.44	0.005994	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	30	12.73	0.006670	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	40	12.73	0.006670	±2.5	PASS
Band2	3MHz	16QAM	19185	15RB#0	NV	50	12.80	0.006707	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-30	-3.38	-0.001825	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-20	-9.78	-0.005279	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	-10	-4.79	-0.002586	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	0	-5.35	-0.002888	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	10	-8.67	-0.004680	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	20	-9.74	-0.005258	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	30	-13.48	-0.007277	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	40	-9.14	-0.004934	±2.5	PASS
Band2	5MHz	QPSK	18625	25RB#0	NV	50	-9.68	-0.005225	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-30	12.06	0.006415	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-20	13.22	0.007032	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	-10	17.78	0.009457	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	0	17.25	0.009176	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	10	9.18	0.004883	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	20	6.77	0.003601	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	30	11.53	0.006133	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	40	14.03	0.007463	±2.5	PASS
Band2	5MHz	QPSK	18900	25RB#0	NV	50	14.46	0.007691	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-30	-4.03	-0.002113	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-20	7.22	0.003785	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	-10	4.38	0.002296	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	0	10.57	0.005541	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	10	-6.79	-0.003560	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	20	7.22	0.003785	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	30	-6.11	-0.003203	±2.5	PASS
Band2	5MHz	QPSK	19175	25RB#0	NV	40	5.35	0.002805	±2.5	PASS

Band2	5MHz	QPSK	19175	25RB#0	NV	50	8.21	0.004304	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-30	-10.10	-0.005452	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-20	-9.63	-0.005198	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	-10	-14.95	-0.008070	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	0	-9.60	-0.005182	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	10	-8.98	-0.004848	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	20	-9.00	-0.004858	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	30	-11.06	-0.005970	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	40	-12.19	-0.006580	±2.5	PASS
Band2	5MHz	16QAM	18625	25RB#0	NV	50	-11.33	-0.006116	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-30	13.03	0.006931	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-20	11.54	0.006138	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	-10	9.54	0.005074	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	0	17.18	0.009138	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	10	9.50	0.005053	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	20	10.44	0.005553	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	30	14.10	0.007500	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	40	10.99	0.005846	±2.5	PASS
Band2	5MHz	16QAM	18900	25RB#0	NV	50	15.94	0.008479	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-30	7.35	0.003853	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-20	-7.75	-0.004063	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	-10	2.07	0.001085	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	0	6.77	0.003549	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	10	4.43	0.002322	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	20	-3.46	-0.001814	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	30	-5.71	-0.002993	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	40	3.98	0.002087	±2.5	PASS
Band2	5MHz	16QAM	19175	25RB#0	NV	50	-4.23	-0.002218	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-30	-6.74	-0.003633	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-20	-3.73	-0.002011	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	-10	4.39	0.002367	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	0	5.92	0.003191	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	10	-6.02	-0.003245	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	20	-6.42	-0.003461	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	30	-4.58	-0.002469	±2.5	PASS
Band2	10MHz	QPSK	18650	50RB#0	NV	40	-7.67	-0.004135	±2.5	PASS

Band2	10MHz	QPSK	18650	50RB#0	NV	50	-3.89	-0.002097	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-30	9.30	0.004947	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-20	13.06	0.006947	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	-10	13.56	0.007213	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	0	8.58	0.004564	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	10	16.24	0.008638	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	20	16.29	0.008665	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	30	11.79	0.006271	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	40	13.45	0.007154	±2.5	PASS
Band2	10MHz	QPSK	18900	50RB#0	NV	50	12.96	0.006894	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-30	6.71	0.003522	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-20	-6.69	-0.003512	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	-10	-7.11	-0.003732	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	0	-8.21	-0.004310	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	10	-4.49	-0.002357	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	20	-8.73	-0.004583	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	30	3.86	0.002026	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	40	-8.21	-0.004310	±2.5	PASS
Band2	10MHz	QPSK	19150	50RB#0	NV	50	-3.55	-0.001864	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-30	5.02	0.002706	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-20	-6.28	-0.003385	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	-10	-8.25	-0.004447	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	0	-6.65	-0.003585	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	10	-7.15	-0.003854	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	20	-3.35	-0.001806	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	30	6.05	0.003261	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	40	-8.20	-0.004420	±2.5	PASS
Band2	10MHz	16QAM	18650	50RB#0	NV	50	-3.46	-0.001865	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-30	13.23	0.007037	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-20	15.76	0.008383	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	-10	12.45	0.006622	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	0	13.15	0.006995	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	10	13.96	0.007426	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	20	11.40	0.006064	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	30	17.21	0.009154	±2.5	PASS
Band2	10MHz	16QAM	18900	50RB#0	NV	40	14.31	0.007612	±2.5	PASS