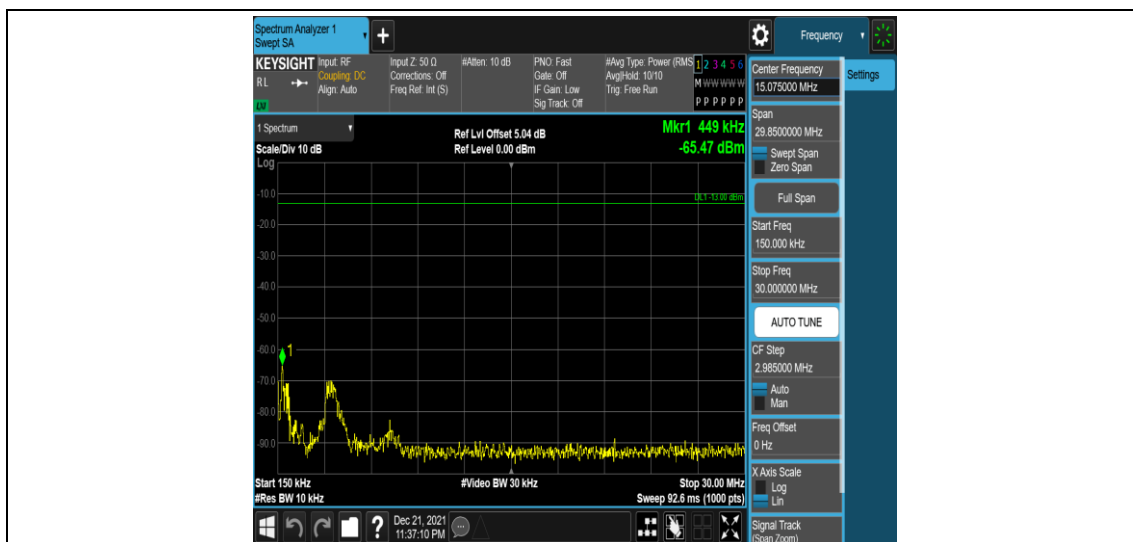
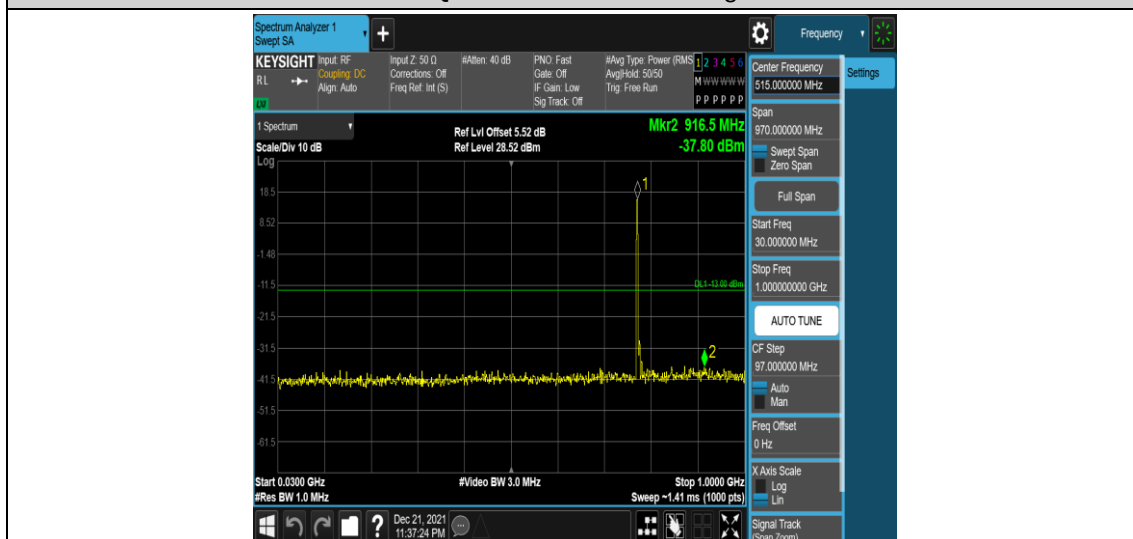
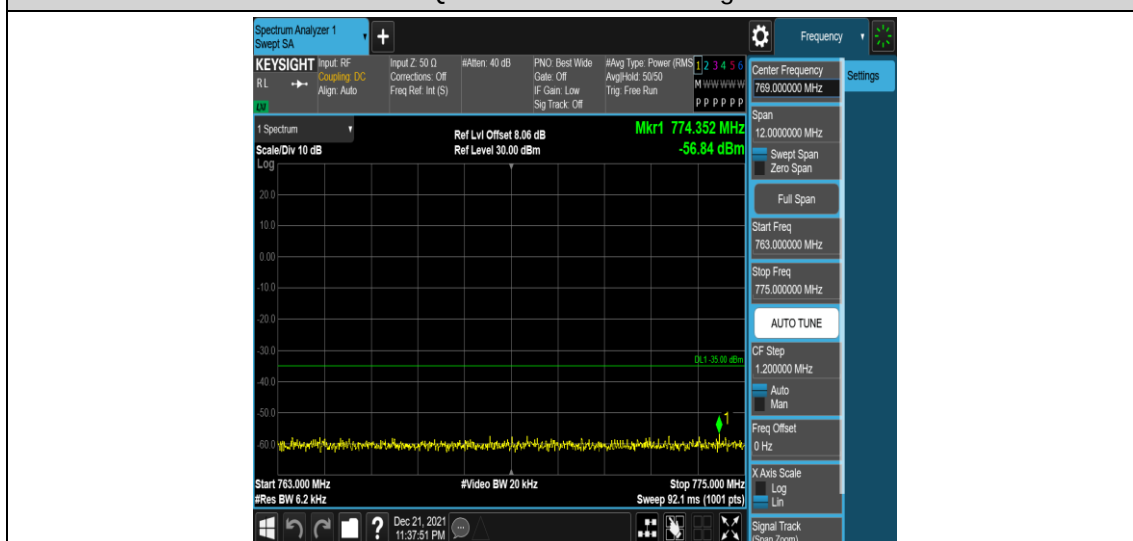




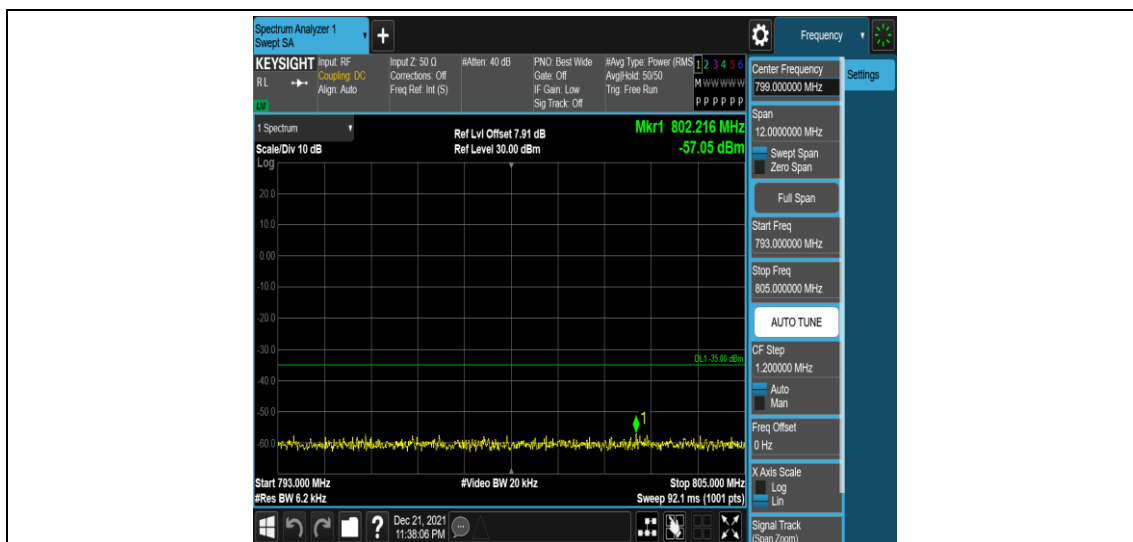
Band13-5MHz-16QAM-23205-1RB#0-Range2:0.15~30MHz



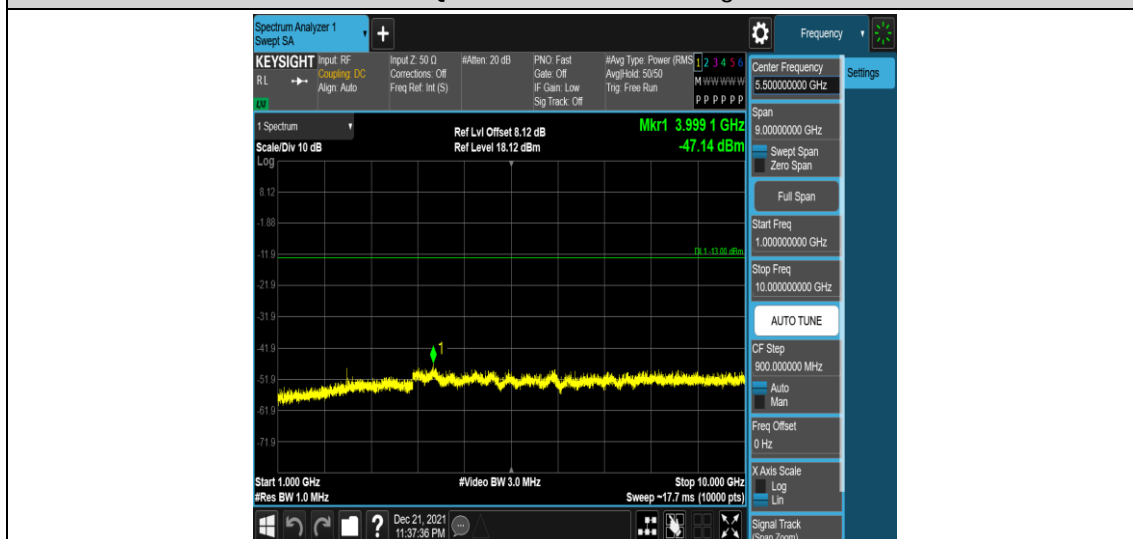
Band13-5MHz-16QAM-23205-1RB#0-Range3:30~1000MHz



Band13-5MHz-16QAM-23205-1RB#0-Range5:763~775MHz



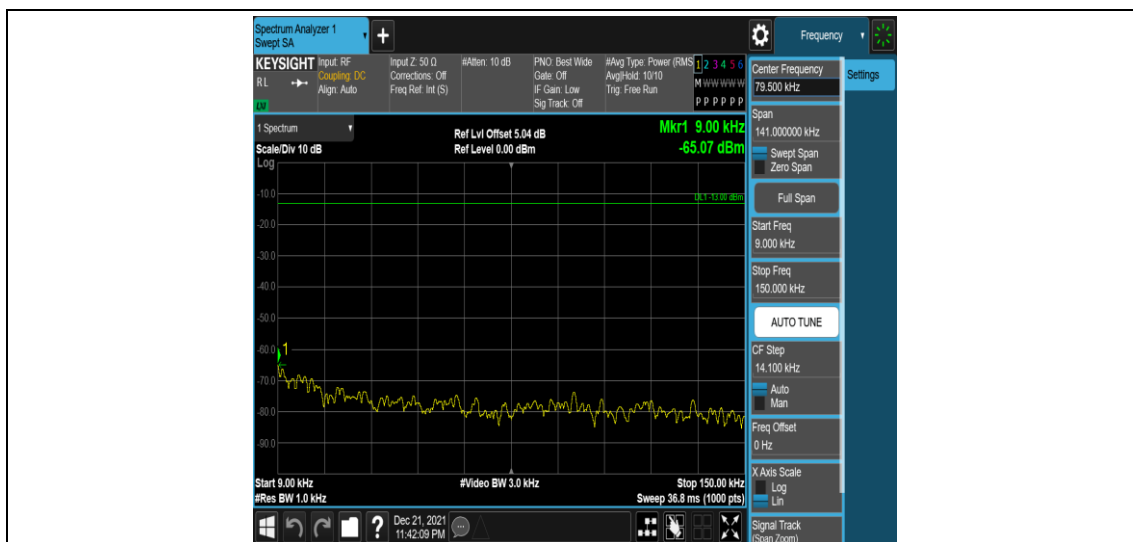
Band13-5MHz-16QAM-23205-1RB#0-Range6:793~805MHz



Band13-5MHz-16QAM-23205-1RB#0-Range4:1000~10000MHz



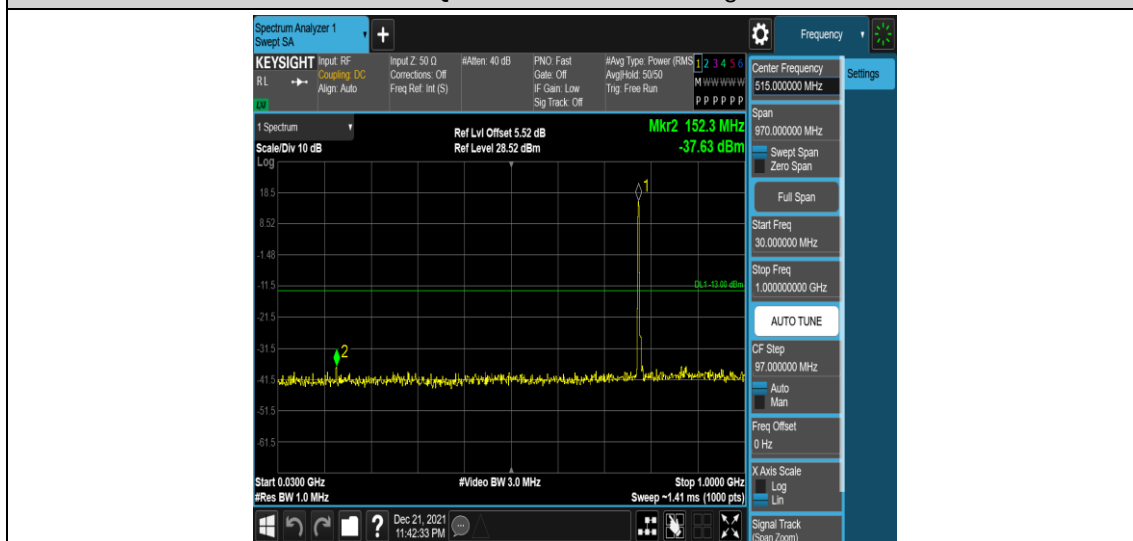
Band13-5MHz-16QAM-23205-1RB#0-Range7:1559~1610MHz



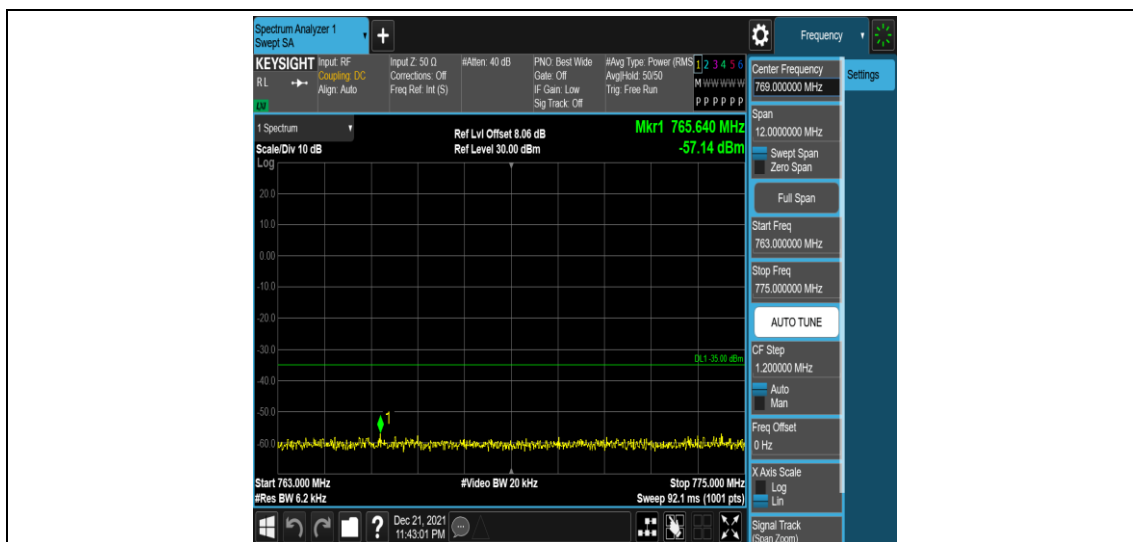
Band13-5MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



Band13-5MHz-16QAM-23230-1RB#0-Range2:0.15~30MHz



Band13-5MHz-16QAM-23230-1RB#0-Range3:30~1000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range5:763~775MHz



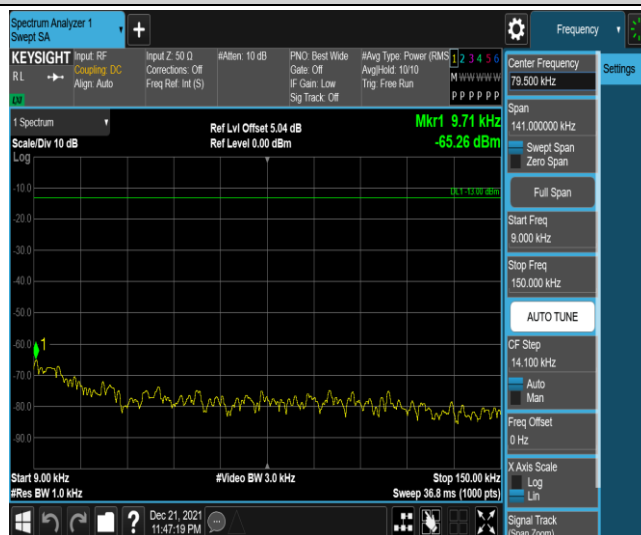
Band13-5MHz-16QAM-23230-1RB#0-Range6:793~805MHz



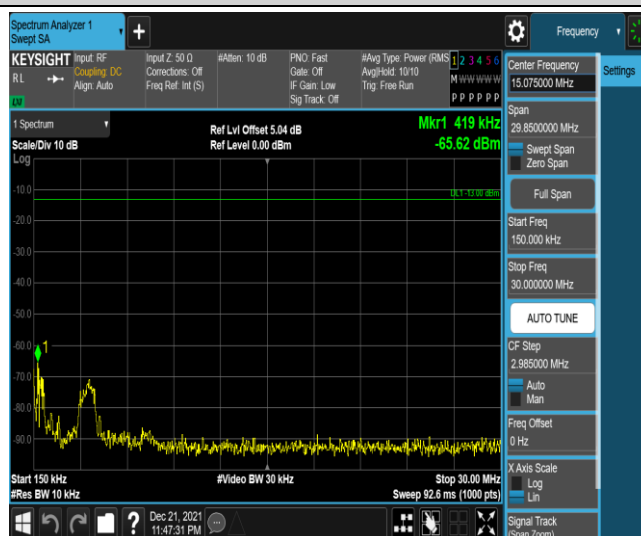
Band13-5MHz-16QAM-23230-1RB#0-Range4:1000~10000MHz



Band13-5MHz-16QAM-23230-1RB#0-Range7:1559~1610MHz



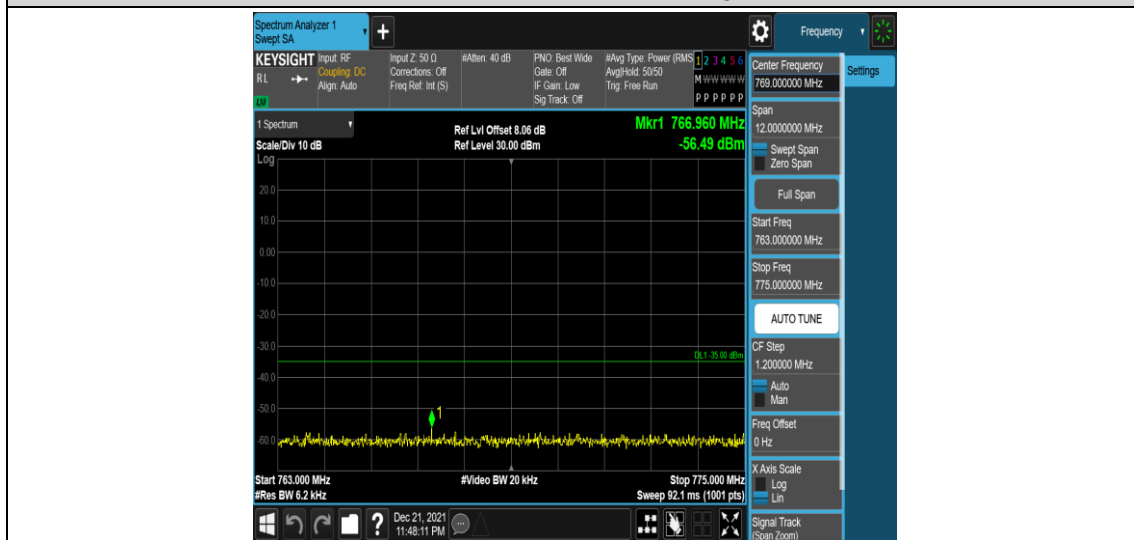
Band13-5MHz-16QAM-23255-1RB#0-Range1:0.009~0.15MHz



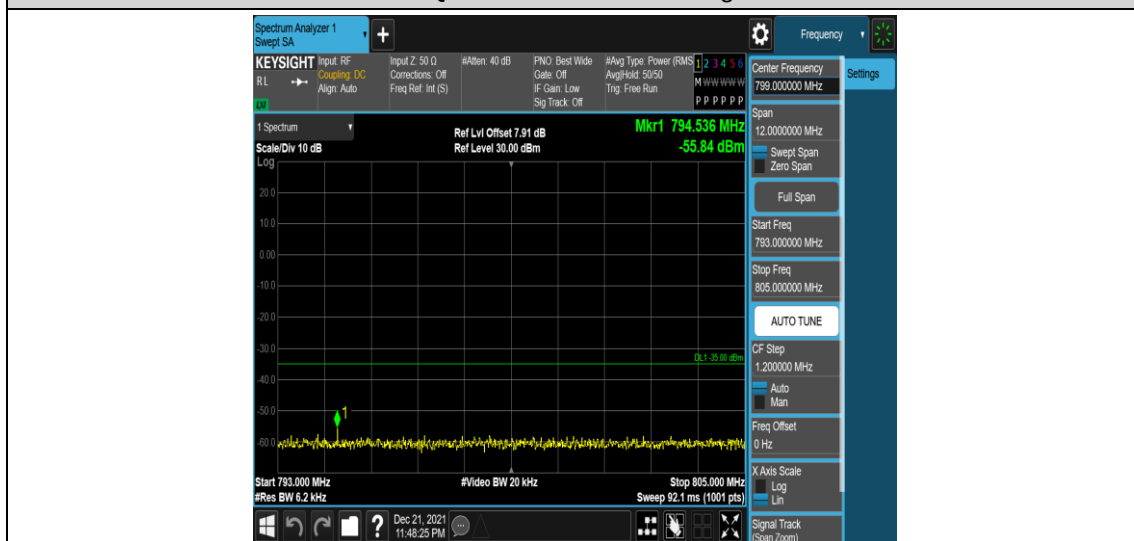
Band13-5MHz-16QAM-23255-1RB#0-Range2:0.15~30MHz



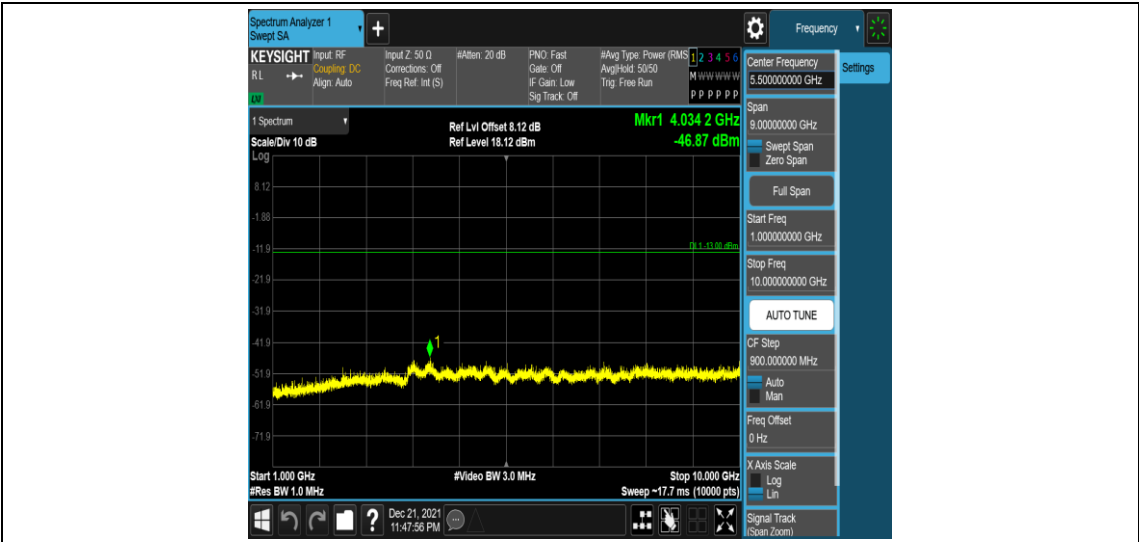
Band13-5MHz-16QAM-23255-1RB#0-Range3:30~1000MHz



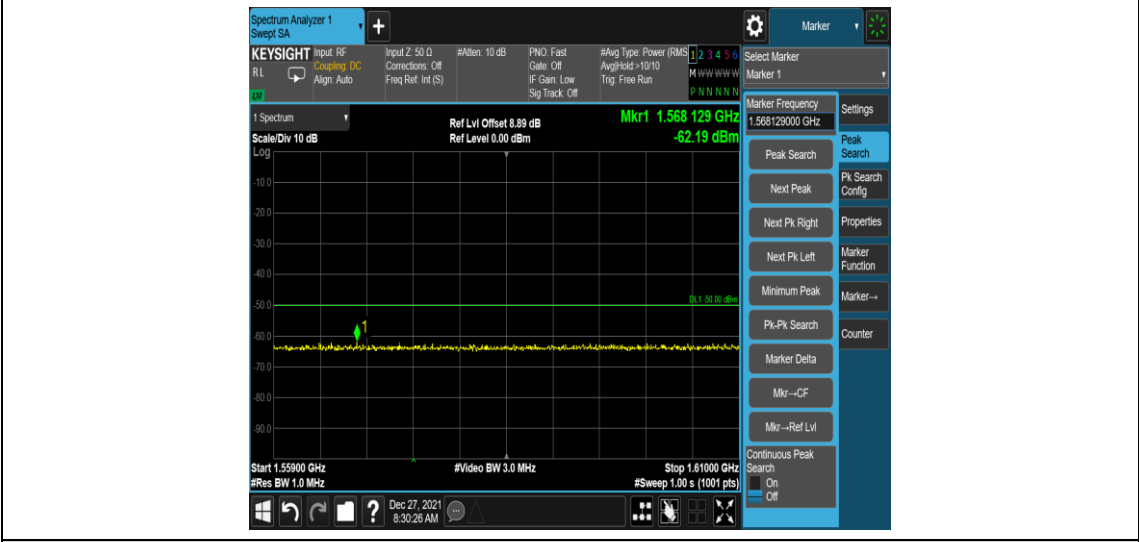
Band13-5MHz-16QAM-23255-1RB#0-Range5:763~775MHz



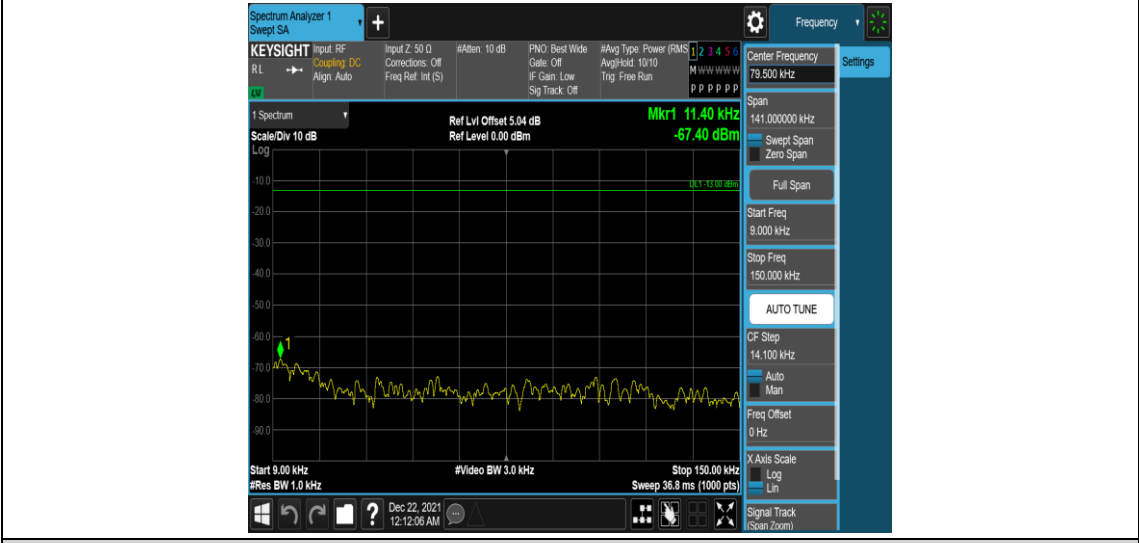
Band13-5MHz-16QAM-23255-1RB#0-Range6:793~805MHz



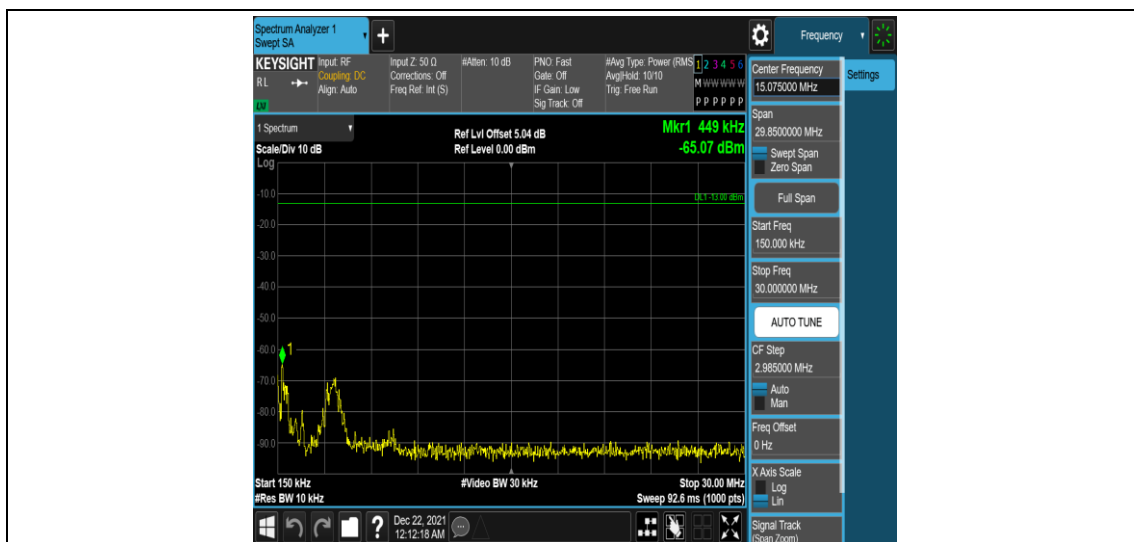
Band13-5MHz-16QAM-23255-1RB#0-Range4:1000~10000MHz



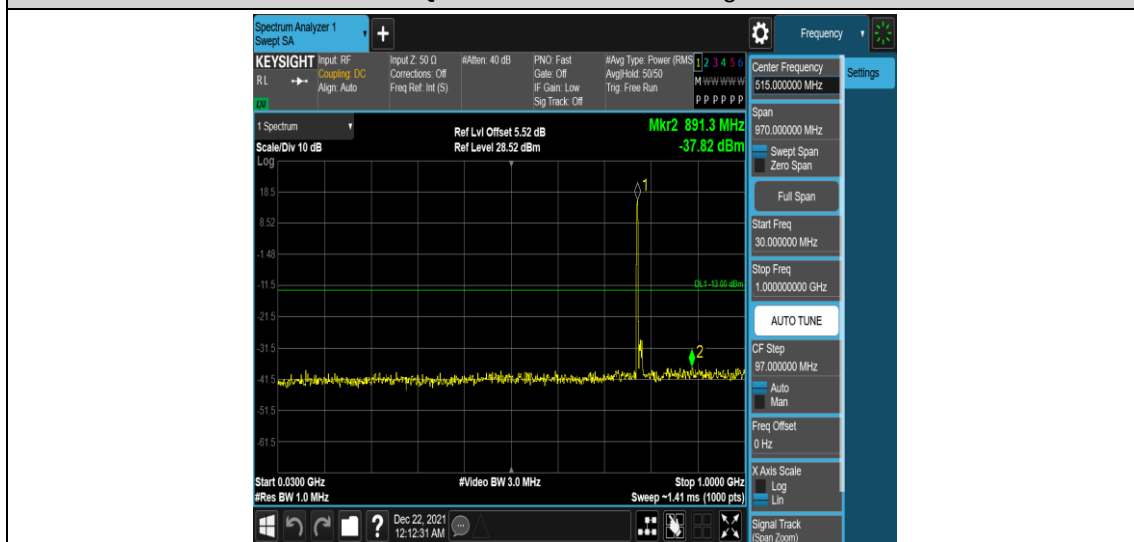
Band13-5MHz-16QAM-23255-1RB#0-Range7:1559~1610MHz



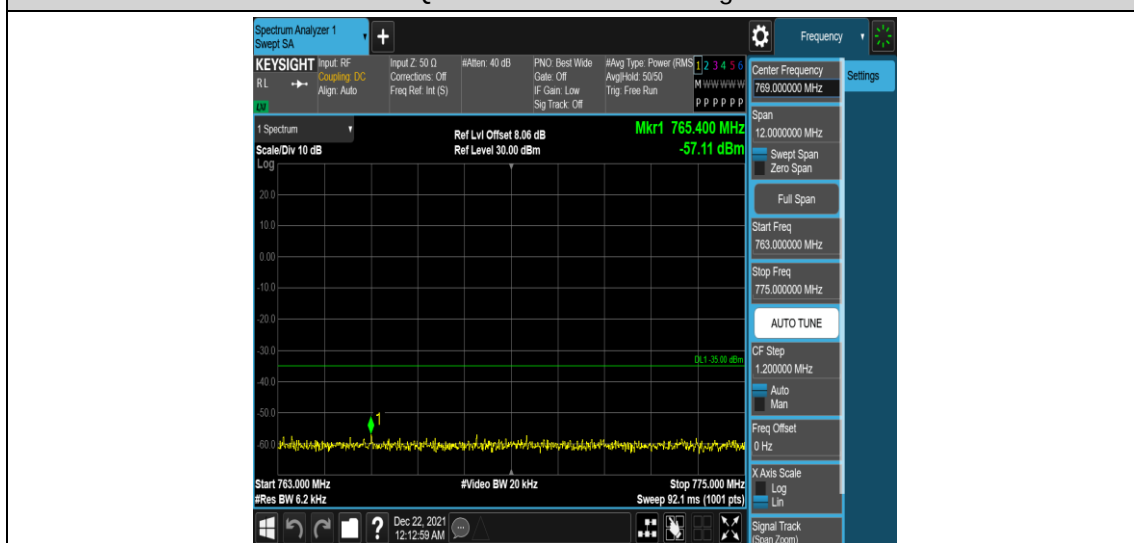
Band13-10MHz-QPSK-23230-1RB#0-Range1:0.009~0.15MHz



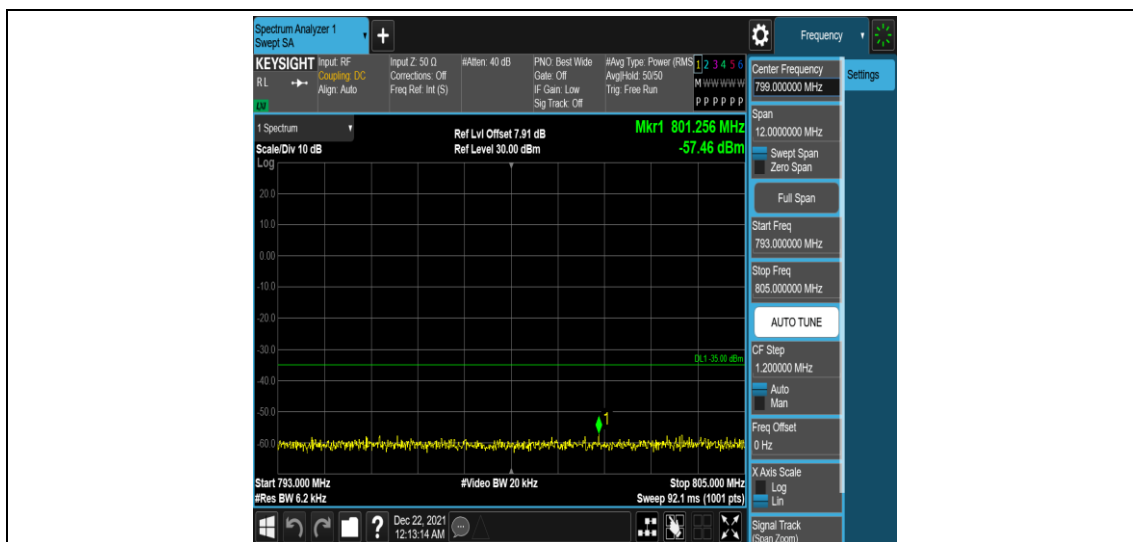
Band13-10MHz-QPSK-23230-1RB#0-Range2:0.15~30MHz



Band13-10MHz-QPSK-23230-1RB#0-Range3:30~1000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range5:763~775MHz



Band13-10MHz-QPSK-23230-1RB#0-Range6:793~805MHz



Band13-10MHz-QPSK-23230-1RB#0-Range4:1000~10000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range7:1559~1610MHz



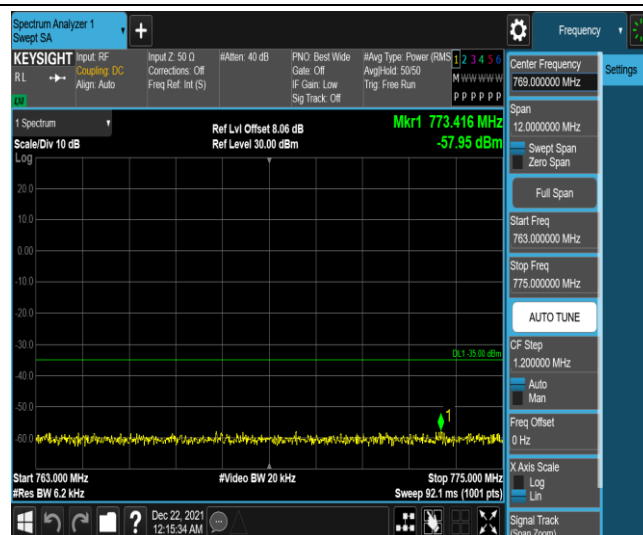
Band13-10MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz



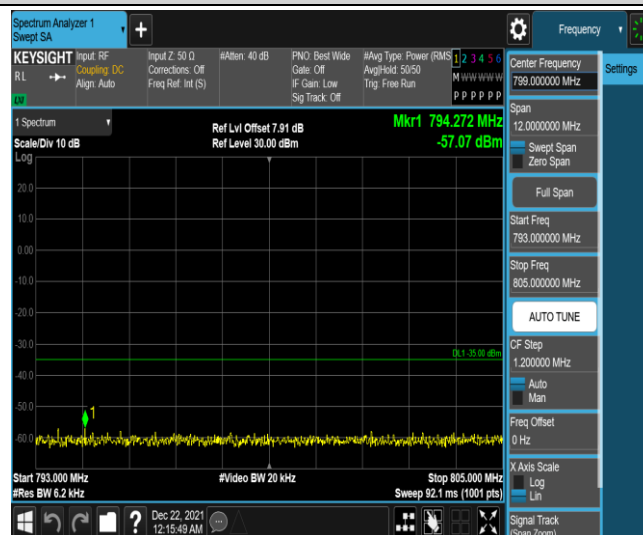
Band13-10MHz-16QAM-23230-1RB#0-Range2:0.15~30MHz



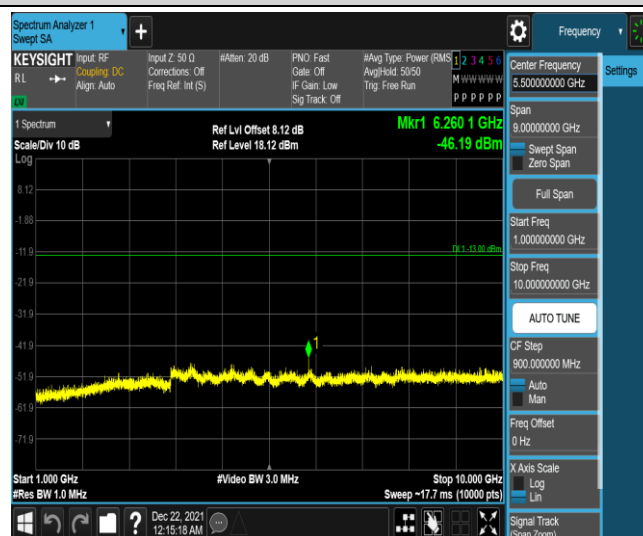
Band13-10MHz-16QAM-23230-1RB#0-Range3:30~1000MHz



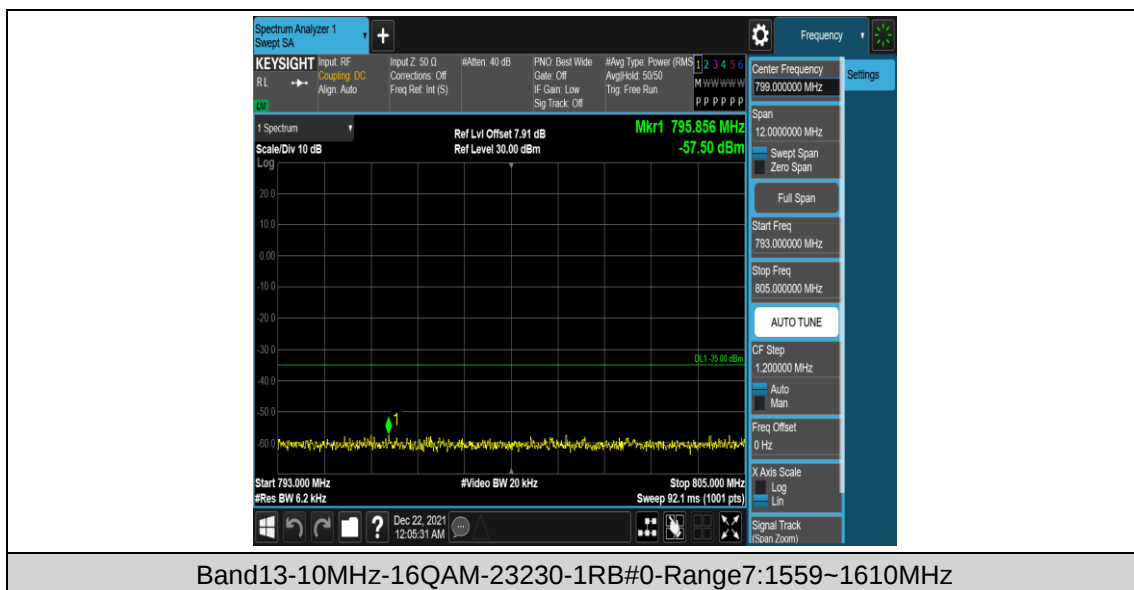
Band13-10MHz-16QAM-23230-1RB#0-Range5:763~775MHz



Band13-10MHz-16QAM-23230-1RB#0-Range6:793~805MHz



Band13-10MHz-16QAM-23230-1RB#0-Range4:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1_3	5MHz	QPSK	23205	25RB#0	VL	NT	-1.96	-0.002514	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VN	NT	-2.23	-0.002861	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VH	NT	-3.68	-0.004721	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VL	NT	-2.20	-0.002813	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VN	NT	2.00	0.002558	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VH	NT	-2.50	-0.003197	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VL	NT	2.46	0.003136	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VN	NT	-2.27	-0.002894	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VH	NT	-2.32	-0.002957	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VL	NT	-2.73	-0.003502	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VN	NT	-4.56	-0.005850	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VH	NT	-3.89	-0.004990	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VL	NT	-4.21	-0.005384	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VN	NT	-2.55	-0.003261	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VH	NT	-2.46	-0.003146	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VL	NT	-2.40	-0.003059	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VN	NT	0.93	0.001185	±2.5	PASS

Band1 3	5MHz	16QAM	23255	25RB#0	VH	NT	2.12	0.002702	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VL	NT	-1.42	-0.001816	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VN	NT	-1.60	-0.002046	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VH	NT	-4.11	-0.005256	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VL	NT	-2.33	-0.002980	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	1.40	0.001790	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	-2.72	-0.003478	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-30	-3.00	-0.003849	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-20	-1.65	-0.002117	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	0	1.52	0.001950	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	10	2.16	0.002771	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	20	-2.85	-0.003656	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-30	-2.37	-0.003031	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-20	-2.19	-0.002801	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	0	-2.45	-0.003133	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	10	-1.36	-0.001739	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	20	-2.37	-0.003031	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-30	-3.39	-0.004321	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-20	-1.34	-0.001708	±2.5	PASS

Band1 3	5MHz	QPSK	23255	25RB#0	NV	0	1.54	0.001963	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	10	-1.77	-0.002256	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	20	2.60	0.003314	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-30	-5.45	-0.006992	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	-2.53	-0.003246	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	-2.43	-0.003117	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	-3.86	-0.004952	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	-2.68	-0.003438	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	-2.20	-0.002813	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	-2.50	-0.003197	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	-3.08	-0.003939	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	10	-3.22	-0.004118	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	-2.75	-0.003517	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	1.99	0.002537	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	-2.30	-0.002932	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	-3.12	-0.003977	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	-2.15	-0.002741	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	-3.00	-0.003824	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-1.30	-0.001662	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-2.49	-0.003184	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	1.66	0.002123	±2.5	PASS

Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-3.28	-0.004194	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	-3.25	-0.004156	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	2.72	0.003478	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	-3.03	-0.003875	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	1.72	0.002199	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-3.29	-0.004207	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	20	-2.90	-0.003708	±2.5	PASS