



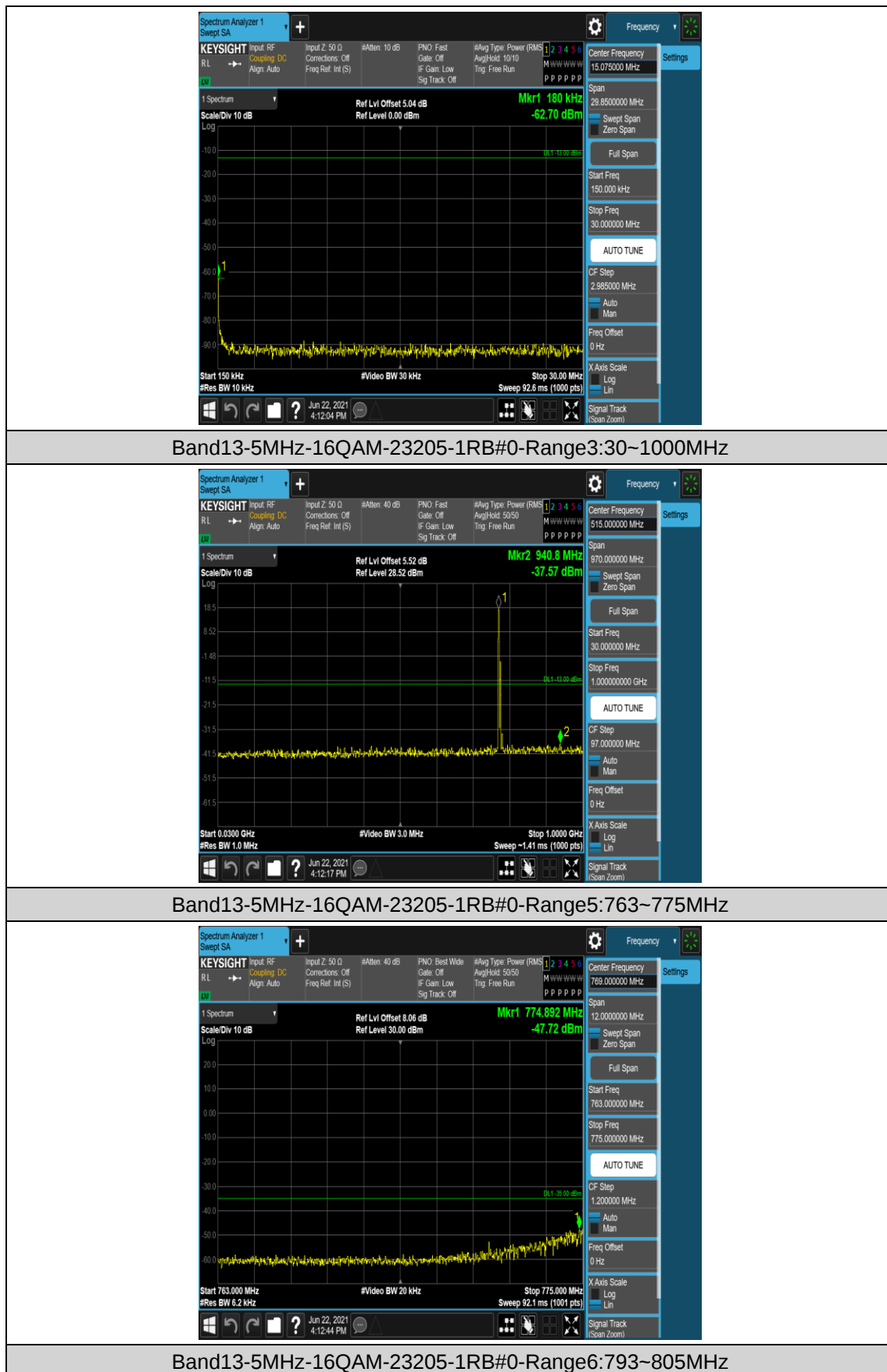
Band13-5MHz-QPSK-23255-1RB#0-Range7:1559~1610MHz



Band13-5MHz-16QAM-23205-1RB#0-Range1:0.009~0.15MHz

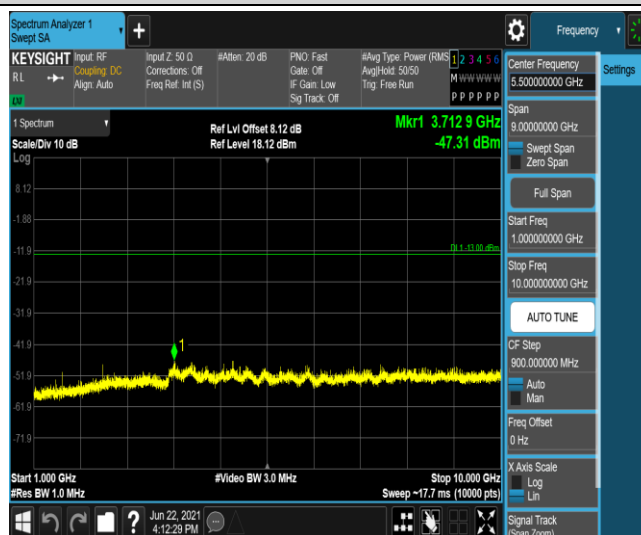


Band13-5MHz-16QAM-23205-1RB#0-Range2:0.15~30MHz

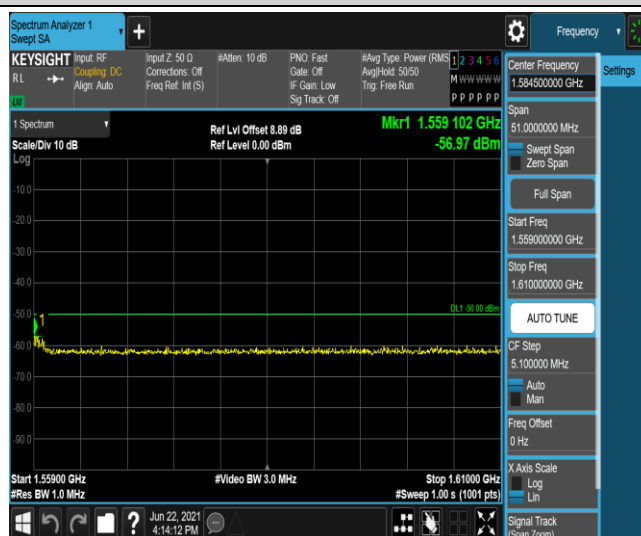




Band13-5MHz-16QAM-23205-1RB#0-Range4:1000~10000MHz

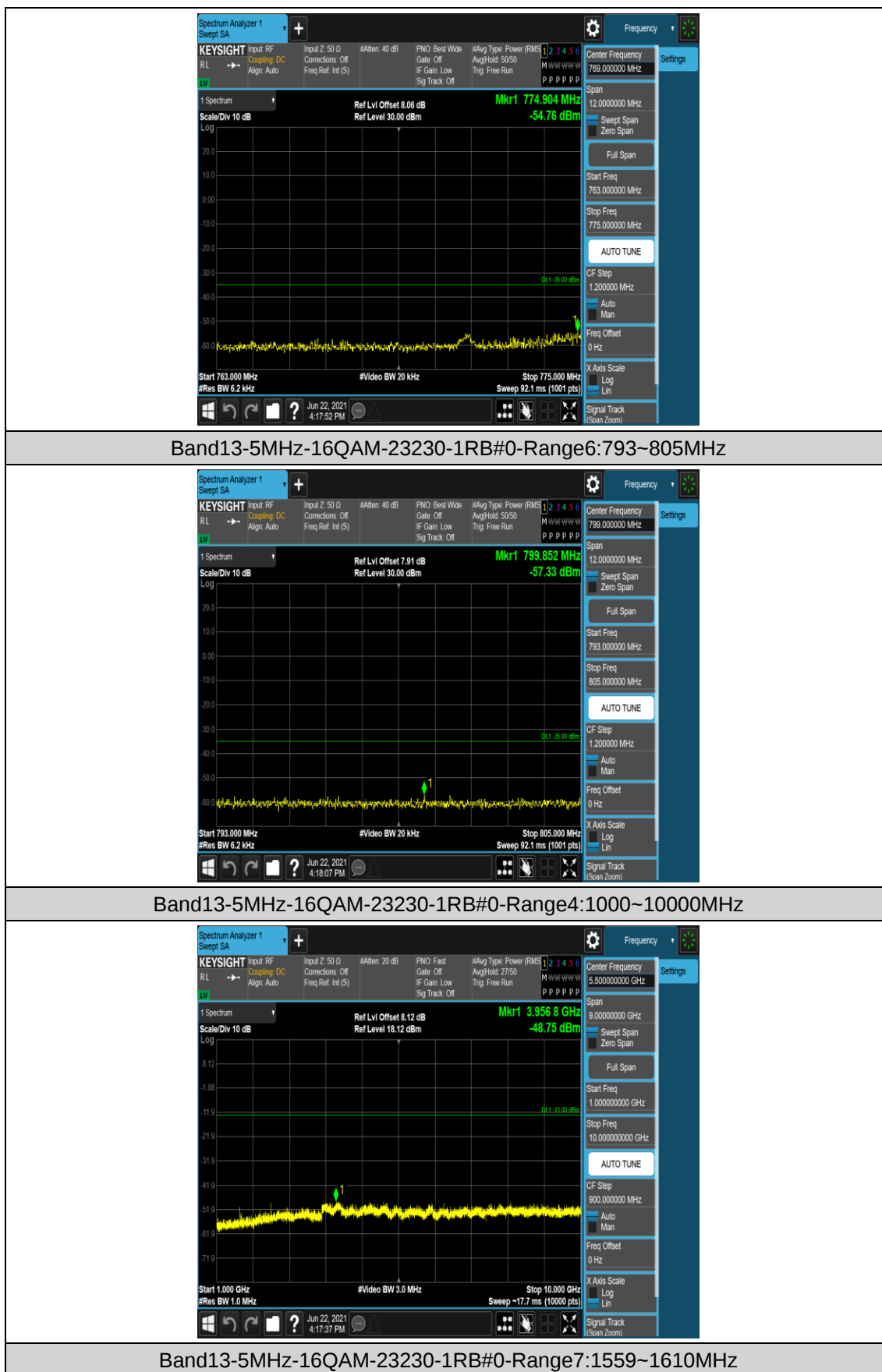


Band13-5MHz-16QAM-23205-1RB#0-Range7:1559~1610MHz



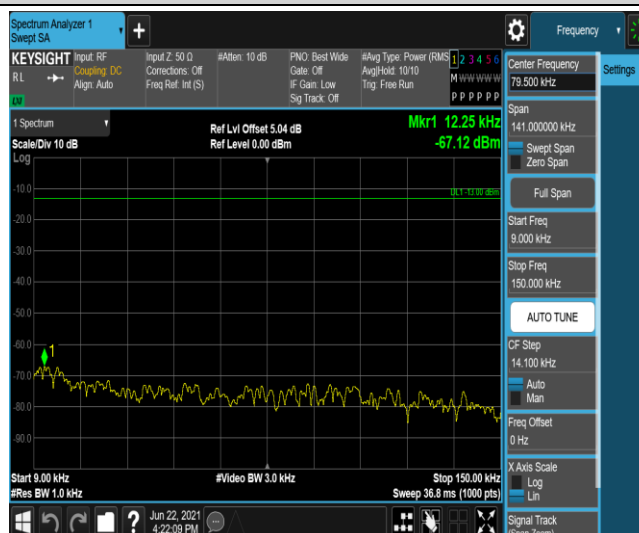
Band13-5MHz-16QAM-23230-1RB#0-Range1:0.009~0.15MHz







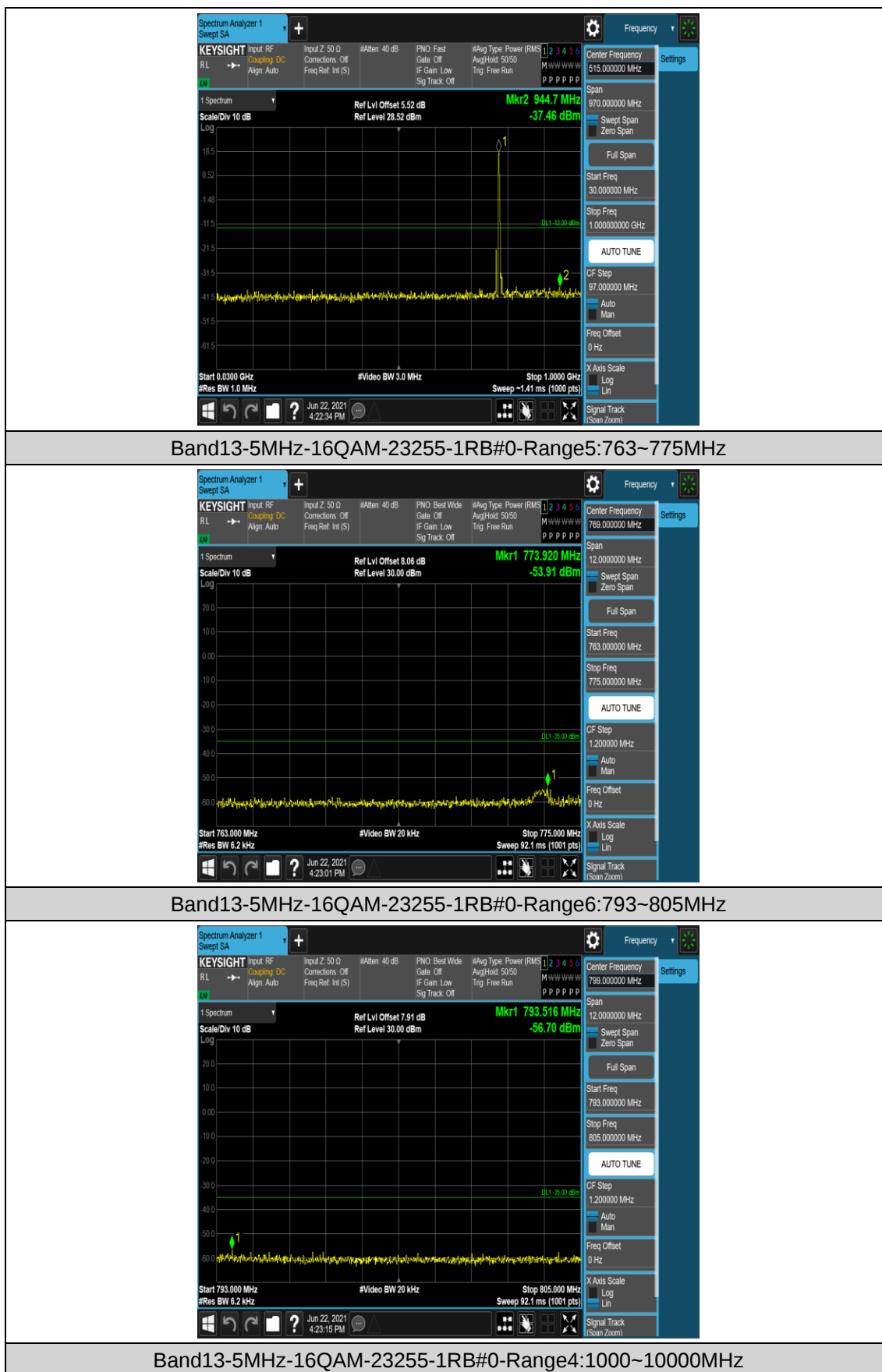
Band13-5MHz-16QAM-23255-1RB#0-Range1:0.009~0.15MHz



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



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





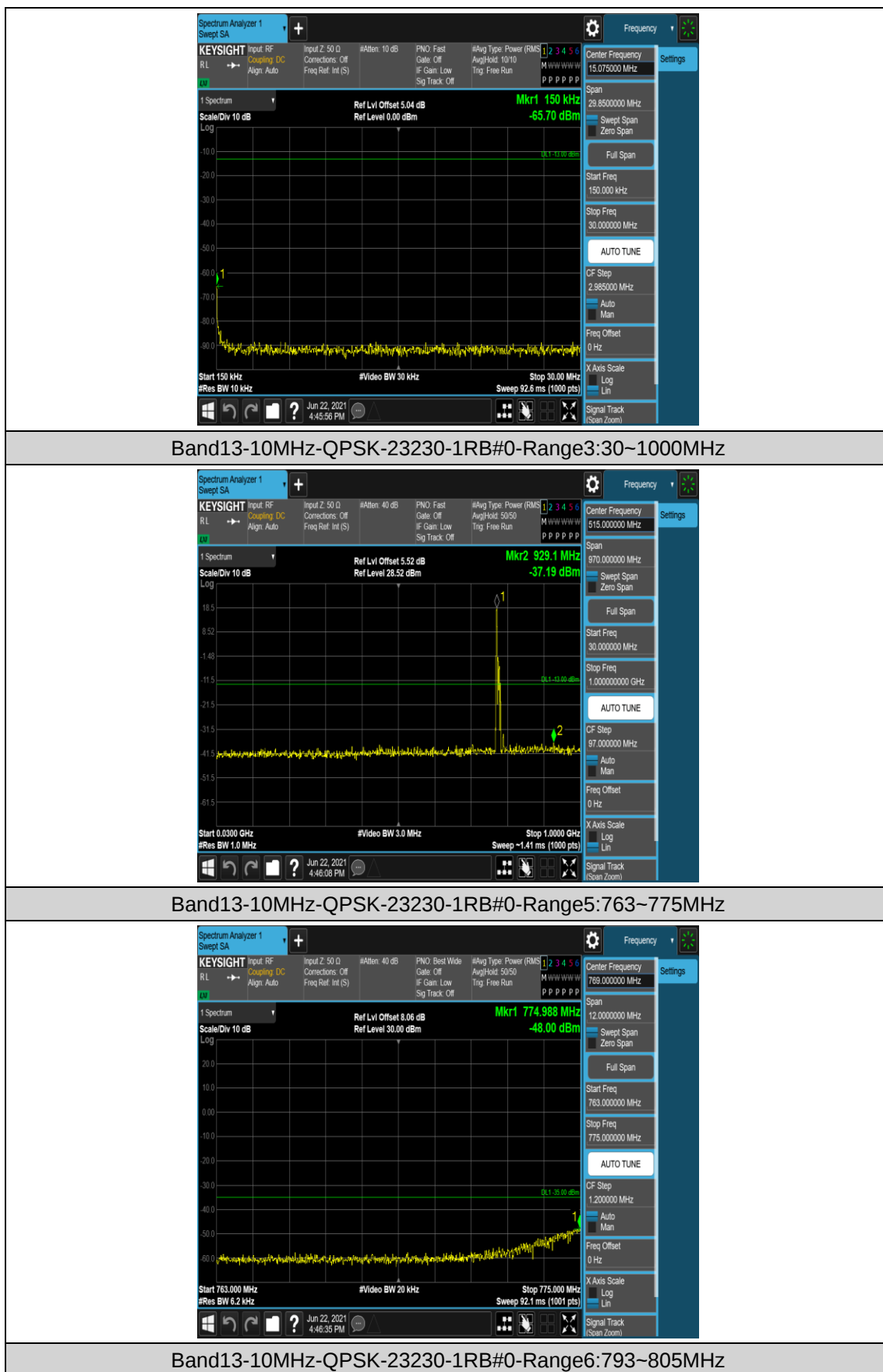
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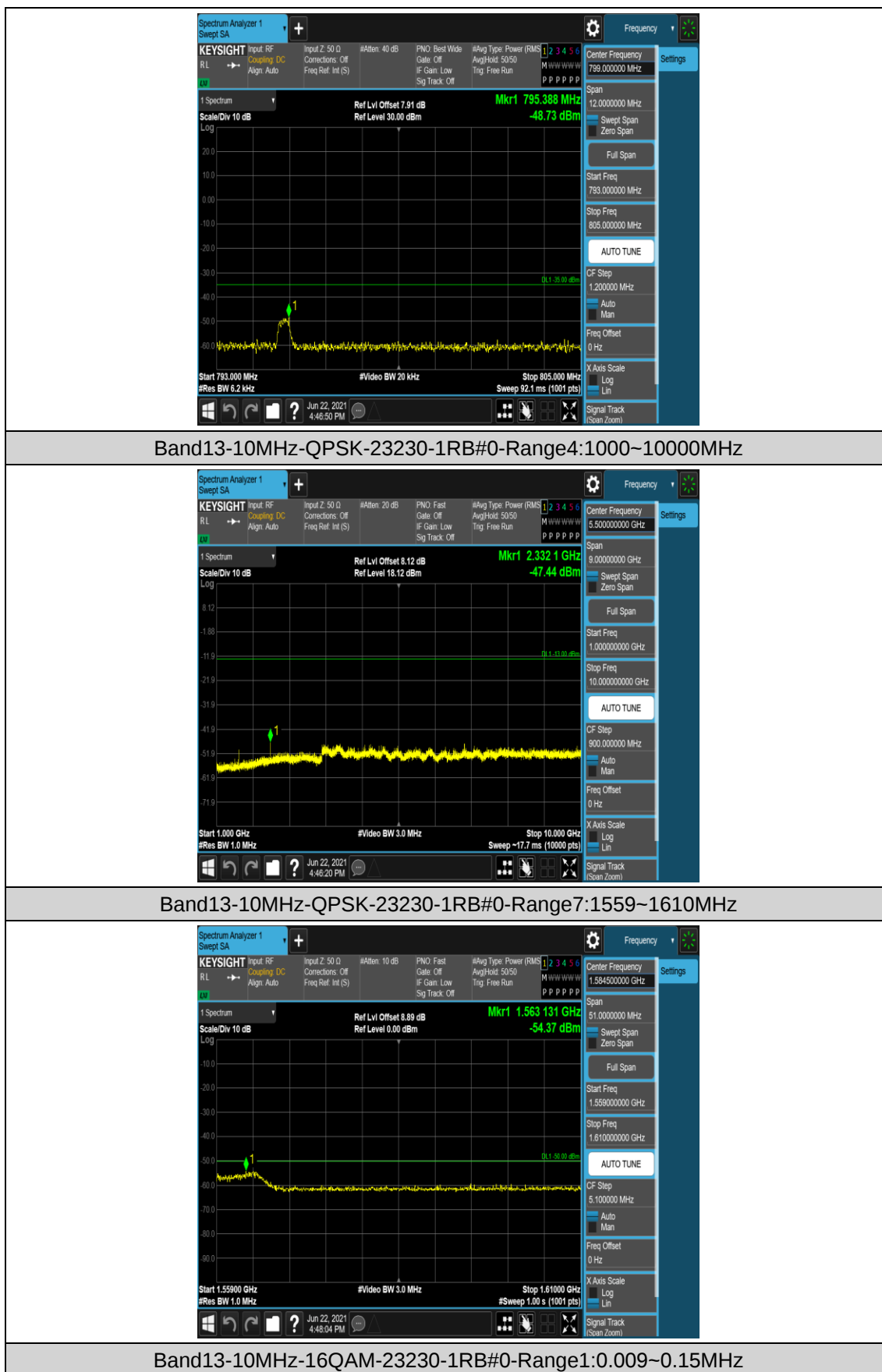


Band13-10MHz-QPSK-23230-1RB#0-Range1:0.009~0.15MHz



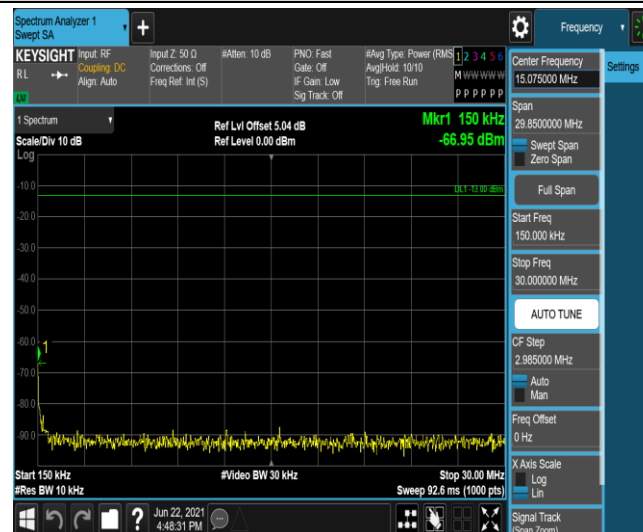
Band13-10MHz-QPSK-23230-1RB#0-Range2:0.15~30MHz



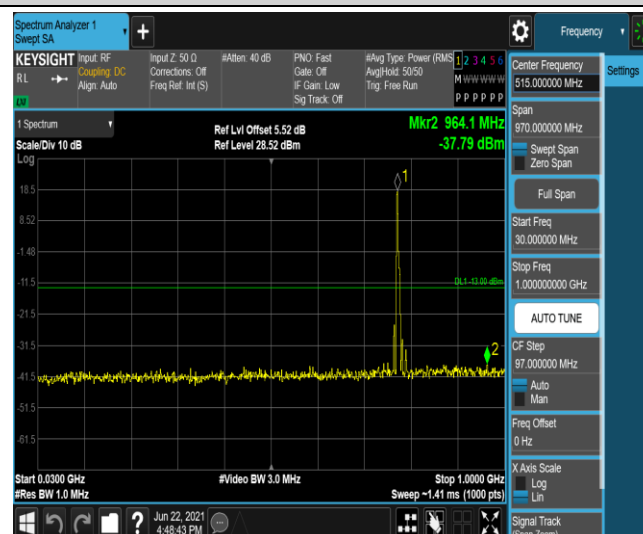




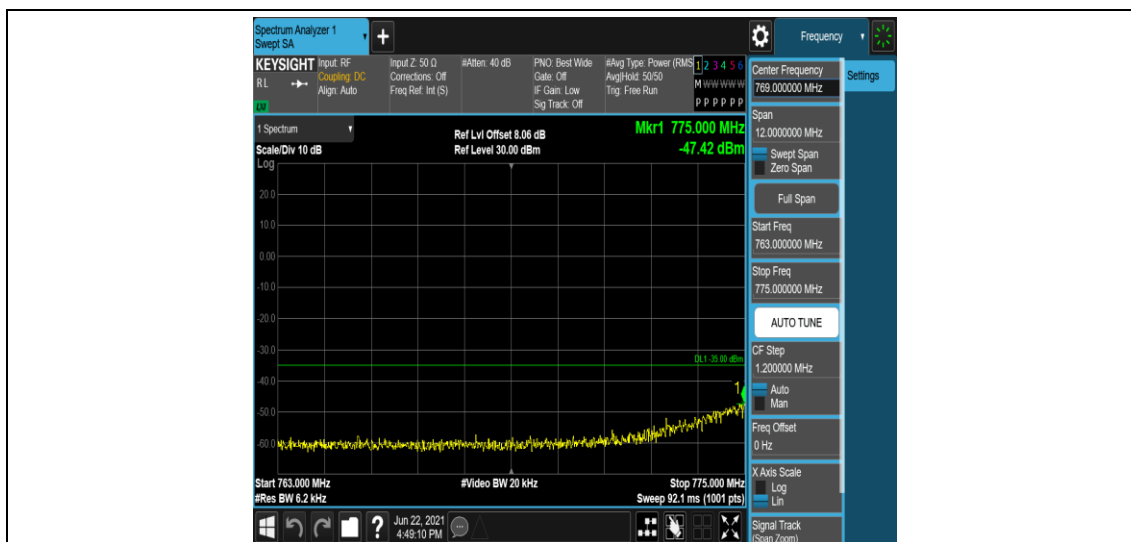
Band13-10MHz-16QAM-23230-1RB#0-Range2:0.15~30MHz



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



Band13-10MHz-16QAM-23230-1RB#0-Range7:1559~1610MHz



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	13.99	0.017947	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VN	NT	13.48	0.017293	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VH	NT	14.32	0.018371	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VL	NT	10.30	0.013171	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VN	NT	13.36	0.017084	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VH	NT	9.90	0.012660	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VL	NT	10.47	0.013346	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VN	NT	11.66	0.014863	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VH	NT	9.54	0.012161	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VL	NT	13.78	0.017678	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VN	NT	14.12	0.018114	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VH	NT	15.44	0.019808	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VL	NT	-3.03	-0.003875	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VN	NT	1.86	0.002379	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VH	NT	1.99	0.002545	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VL	NT	5.32	0.006781	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VN	NT	4.39	0.005596	±2.5	PASS

Band1 3	5MHz	16QAM	23255	25RB#0	VH	NT	3.86	0.004920	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VL	NT	-15.94	-0.020384	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VN	NT	-14.43	-0.018453	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VH	NT	-17.32	-0.022148	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VL	NT	-26.39	-0.033747	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	-25.81	-0.033005	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	-26.79	-0.034258	±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	14.58	0.018704	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-20	13.10	0.016806	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	0	13.75	0.017640	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	10	12.63	0.016203	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	20	13.59	0.017434	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-30	9.23	0.011803	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-20	7.42	0.009488	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	0	5.32	0.006803	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	10	4.18	0.005345	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	20	3.81	0.004872	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-30	8.35	0.010644	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-20	7.47	0.009522	±2.5	PASS

Band1 3	5MHz	QPSK	23255	25RB#0	NV	0	7.35	0.009369	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	10	6.49	0.008273	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	20	7.30	0.009305	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-30	16.14	0.020706	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	17.80	0.022835	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	18.88	0.024221	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	19.70	0.025273	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	21.04	0.026992	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	4.18	0.005345	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	3.12	0.003990	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	5.32	0.006803	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	10	3.98	0.005090	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	3.71	0.004744	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	6.22	0.007929	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	8.80	0.011217	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	8.93	0.011383	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	9.23	0.011765	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	10.67	0.013601	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-18.51	-0.023670	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-22.67	-0.028990	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-22.06	-0.028210	±2.5	PASS

Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-23.62	-0.030205	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	-23.05	-0.029476	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	-24.40	-0.031202	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	-24.75	-0.031650	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	-23.16	-0.029616	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-21.64	-0.027673	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	20	-22.60	-0.028900	±2.5	PASS