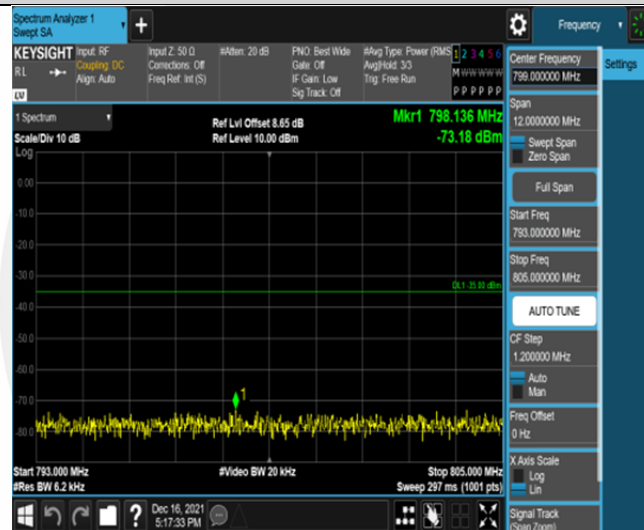
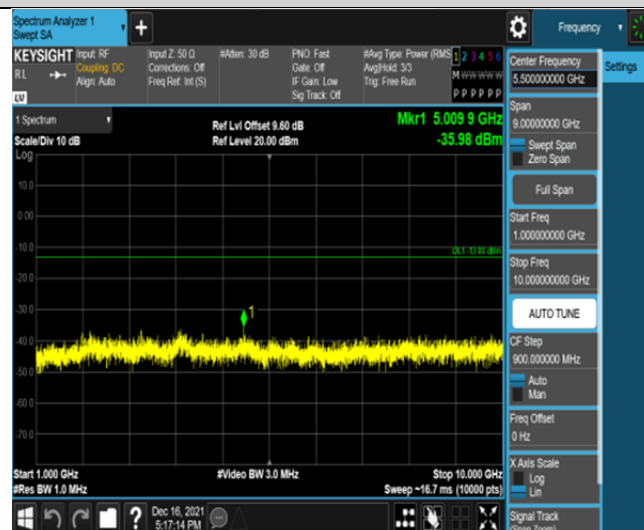




Band13-5MHz-16QAM-23230-25RB#0-Range3:763~775MHz



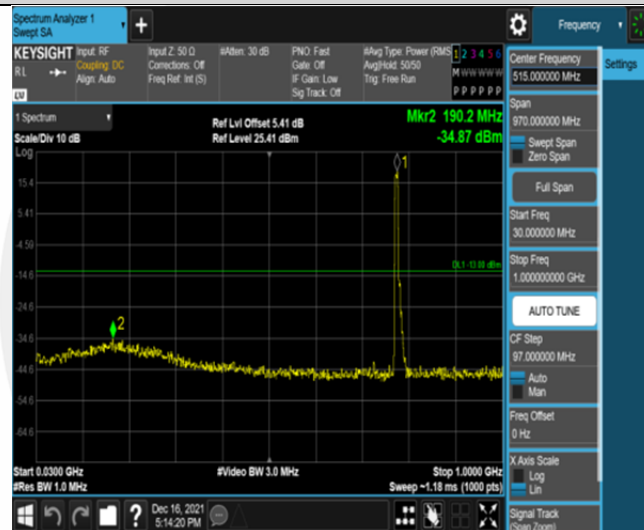
Band13-5MHz-16QAM-23230-25RB#0-Range4:793~805MHz



Band13-5MHz-16QAM-23230-25RB#0-Range2:1000~10000MHz



Band13-5MHz-16QAM-23230-25RB#0-Range5:1559~1610MHz



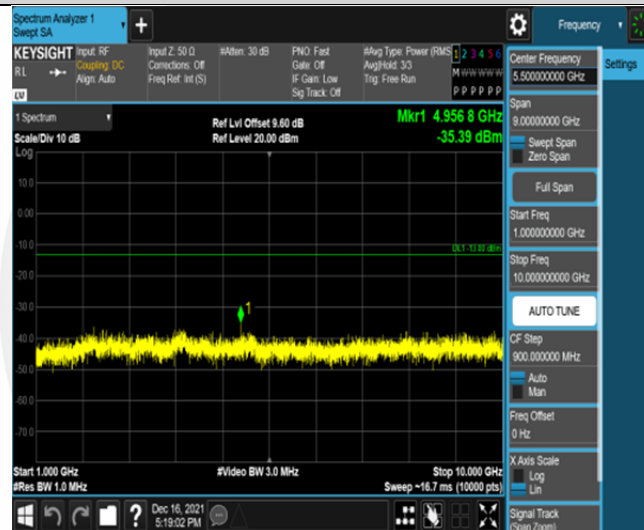
Band13-5MHz-16QAM-23255-25RB#0-Range1:30~1000MHz



Band13-5MHz-16QAM-23255-25RB#0-Range3:763~775MHz



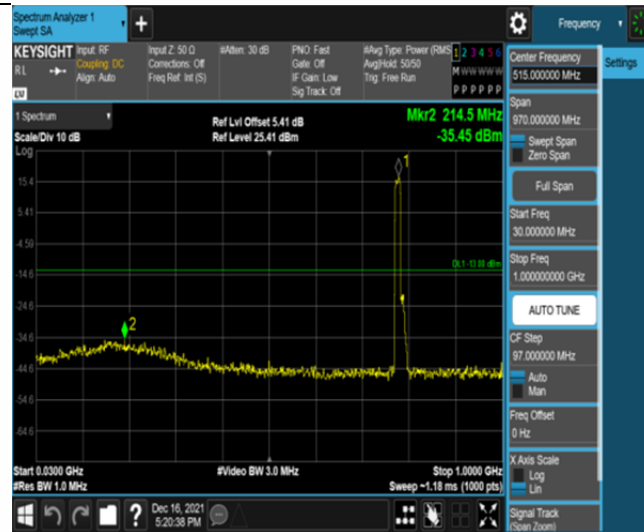
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Band13-5MHz-16QAM-23255-25RB#0-Range2:1000~10000MHz



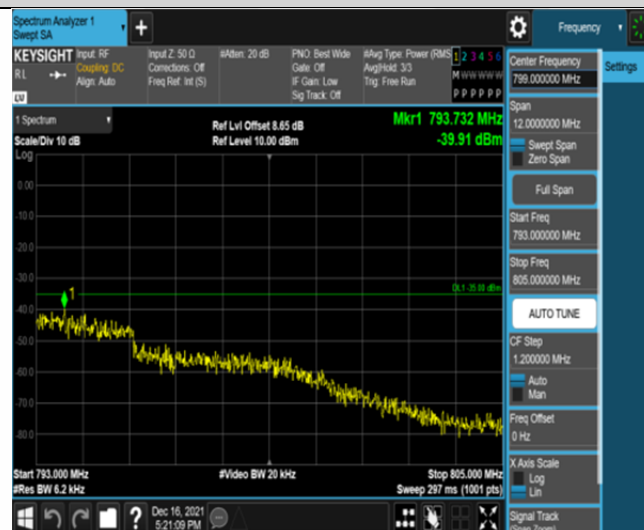
Band13-5MHz-16QAM-23255-25RB#0-Range5:1559~1610MHz



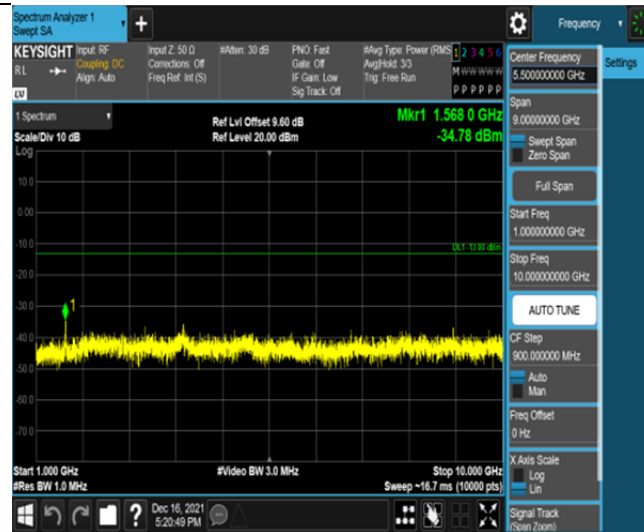
Band13-10MHz-QPSK-23230-50RB#0-Range1:30~1000MHz



Band13-10MHz-QPSK-23230-50RB#0-Range3:763~775MHz



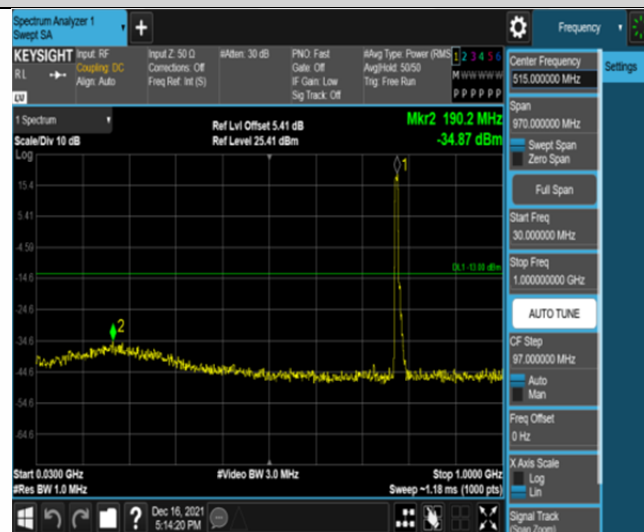
Band13-10MHz-QPSK-23230-50RB#0-Range4:793~805MHz



Band13-10MHz-QPSK-23230-50RB#0-Range2:1000~10000MHz



Band13-10MHz-QPSK-23230-50RB#0-Range5:1559~1610MHz



Band13-10MHz-16QAM-23230-50RB#0-Range1:30~1000MHz



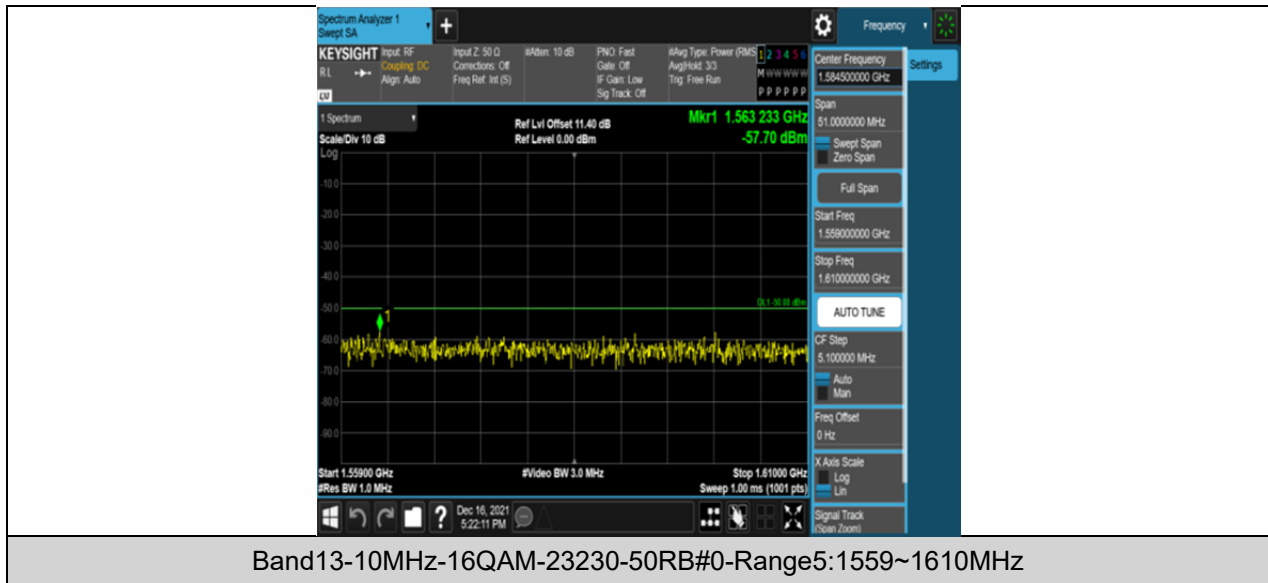
Band13-10MHz-16QAM-23230-50RB#0-Range3:763~775MHz



Band13-10MHz-16QAM-23230-50RB#0-Range4:793~805MHz



Band13-10MHz-16QAM-23230-50RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-4.66	-0.005978	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-2.09	-0.002681	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-3.25	-0.004169	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-4.61	-0.005895	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	-3.09	-0.003951	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-1.92	-0.002455	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	-3.92	-0.004997	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	-3.45	-0.004398	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	3.40	0.004334	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	-3.00	-0.003849	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-6.15	-0.007890	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-6.15	-0.007890	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-3.60	-0.004604	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-4.63	-0.005921	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	3.16	0.004041	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	-3.33	-0.004245	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	VN	NT	-7.22	-0.009203	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-4.59	-0.005851	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	2.96	0.003785	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	2.63	0.003363	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-2.19	-0.002801	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-2.30	-0.002941	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	-3.85	-0.004923	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	2.73	0.003491	±2.5	PASS

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	1.59	0.002040	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	1.97	0.002527	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-3.16	-0.004054	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-5.95	-0.007633	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-4.42	-0.005670	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-4.84	-0.006209	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-5.02	-0.006440	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	40	-4.15	-0.005324	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-3.65	-0.004682	±2.5	PASS

Band13	5MHz	QPSK	23230	25RB#0	NV	-30	1.52	0.00194 4	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	3.08	0.00393 9	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	2.88	0.00368 3	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	2.43	0.00310 7	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	-2.76	-0.0035 29	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	2.00	0.00255 8	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-5.15	-0.0065 86	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-4.52	-0.0057 80	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	-4.02	-0.0051 41	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	-4.02	-0.0051 24	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	-1.86	-0.0023 71	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	2.36	0.00300 8	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	2.00	0.00254 9	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	7.07	0.00901 2	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	3.26	0.00415 6	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	4.21	0.00536 6	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	-3.20	-0.0040 79	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	-3.26	-0.0041 56	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-4.23	-0.0054	±2.5	PASS

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Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-1.90	-0.0024 37	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	2.45	0.00314 3	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-4.94	-0.0063 37	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-2.37	-0.0030 40	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-2.72	-0.0034 89	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-5.04	-0.0064 66	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-4.16	-0.0053 37	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-3.66	-0.0046 95	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	2.07	0.00264 7	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-3.06	-0.0039 13	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-2.68	-0.0034 27	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-4.15	-0.0053 07	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	5.22	0.00667 5	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	2.16	0.00276 2	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-3.33	-0.0042 58	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-3.81	-0.0048 72	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-5.14	-0.0065 73	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	1.90	0.00242 2	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-3.43	-0.0043 72	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	5.54	0.00706 2	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-4.38	-0.0055 83	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-3.15	-0.0040 15	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-3.33	-0.0042 45	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-3.68	-0.0046 91	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-4.13	-0.0052 64	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-2.99	-0.00381 1	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-2.53	-0.0032 35	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-3.28	-0.0041 94	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-3.15	-0.0040 28	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.26	-0.0028 90	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	3.00	0.00383 6	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	2.59	0.00331 2	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	2.62	0.00335 0	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	2.45	0.00313 3	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	1.17	0.00149 6	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-1.60	-0.0020 46	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-3.16	-0.0040	±2.5	PASS

								41		
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-3.75	-0.0047 95	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-3.18	-0.0040 66	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	3.53	0.00451 4	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	3.38	0.00432 2	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-2.56	-0.0032 74	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-2.02	-0.0025 83	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-3.86	-0.0049 36	±2.5	PASS