

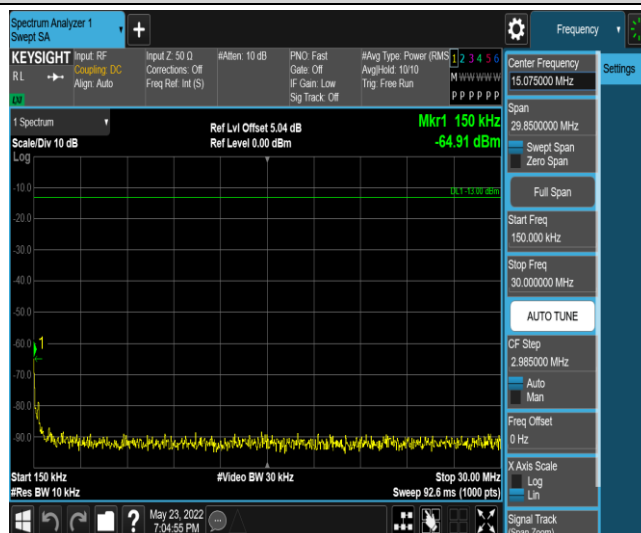
Band17-5MHz-QPSK-23755-1RB#0-Range3:30~1000MHz



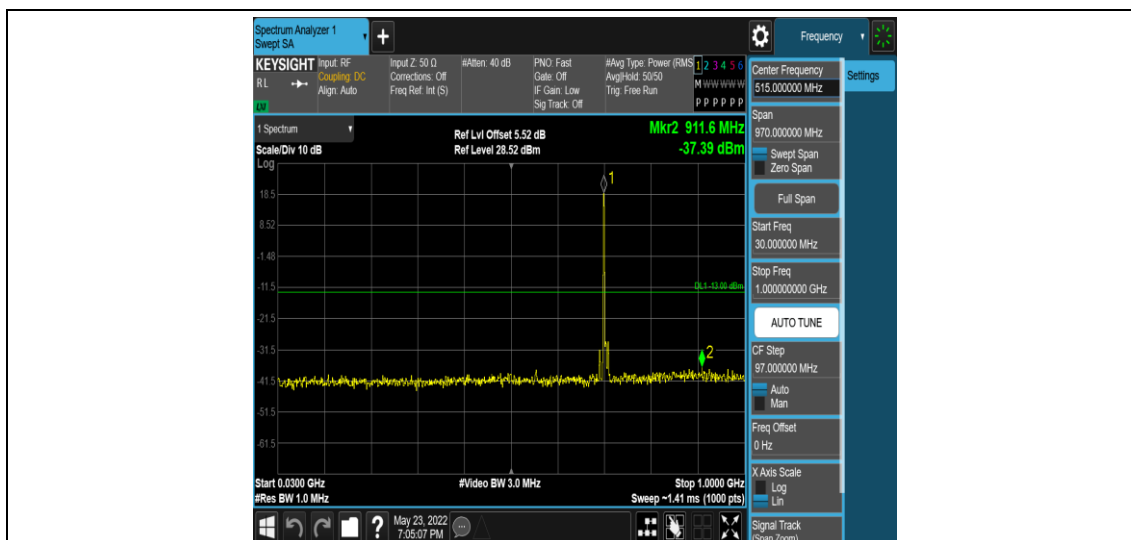
Band17-5MHz-QPSK-23755-1RB#0-Range4:1000~10000MHz



Band17-5MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



Band17-5MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



Band17-5MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



Band17-5MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



Band17-5MHz-QPSK-23825-1RB#0-Range1:0.009~0.15MHz



Band17-5MHz-QPSK-23825-1RB#0-Range2:0.15~30MHz



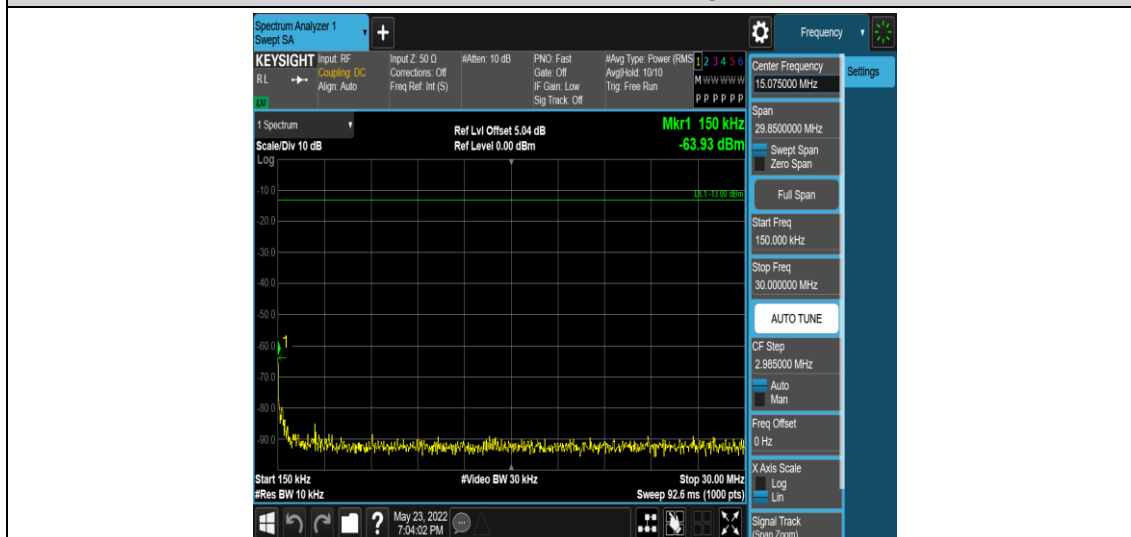
Band17-5MHz-QPSK-23825-1RB#0-Range3:30~1000MHz



Band17-5MHz-QPSK-23825-1RB#0-Range4:1000~10000MHz



Band17-5MHz-16QAM-23755-1RB#0-Range1:0.009~0.15MHz



Band17-5MHz-16QAM-23755-1RB#0-Range2:0.15~30MHz



Band17-5MHz-16QAM-23755-1RB#0-Range3:30~1000MHz



Band17-5MHz-16QAM-23755-1RB#0-Range4:1000~10000MHz



Band17-5MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz



Band17-5MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



Band17-5MHz-16QAM-23790-1RB#0-Range3:30~1000MHz



Band17-5MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



Band17-5MHz-16QAM-23825-1RB#0-Range1:0.009~0.15MHz



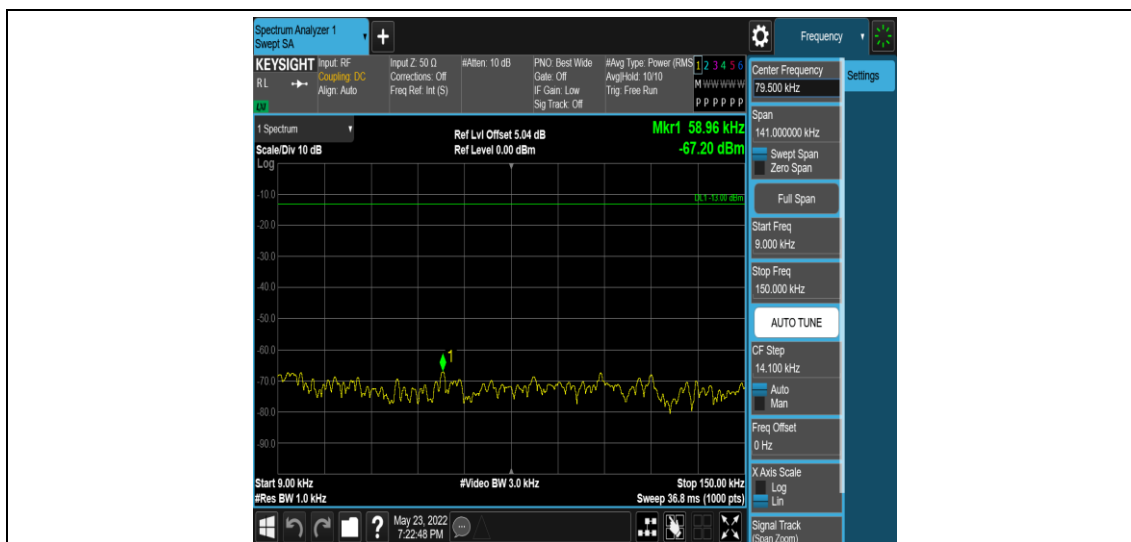
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Band17-5MHz-16QAM-23825-1RB#0-Range3:30~1000MHz



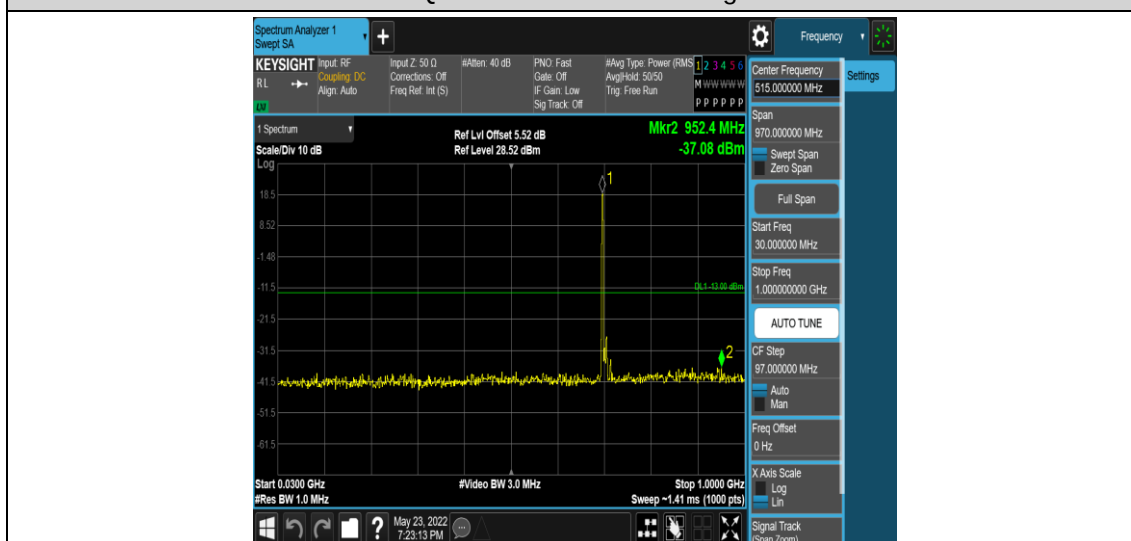
Band17-5MHz-16QAM-23825-1RB#0-Range4:1000~10000MHz



Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz



Band17-10MHz-QPSK-23780-1RB#0-Range4:1000~10000MHz



Band17-10MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



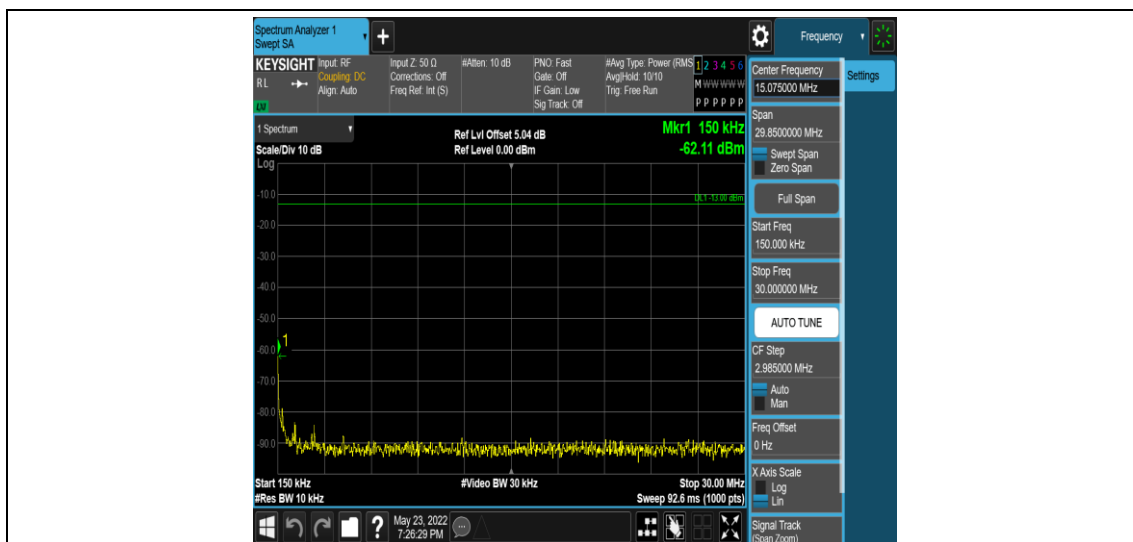
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Band17-10MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



Band17-10MHz-QPSK-23800-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23800-1RB#0-Range2:0.15~30MHz



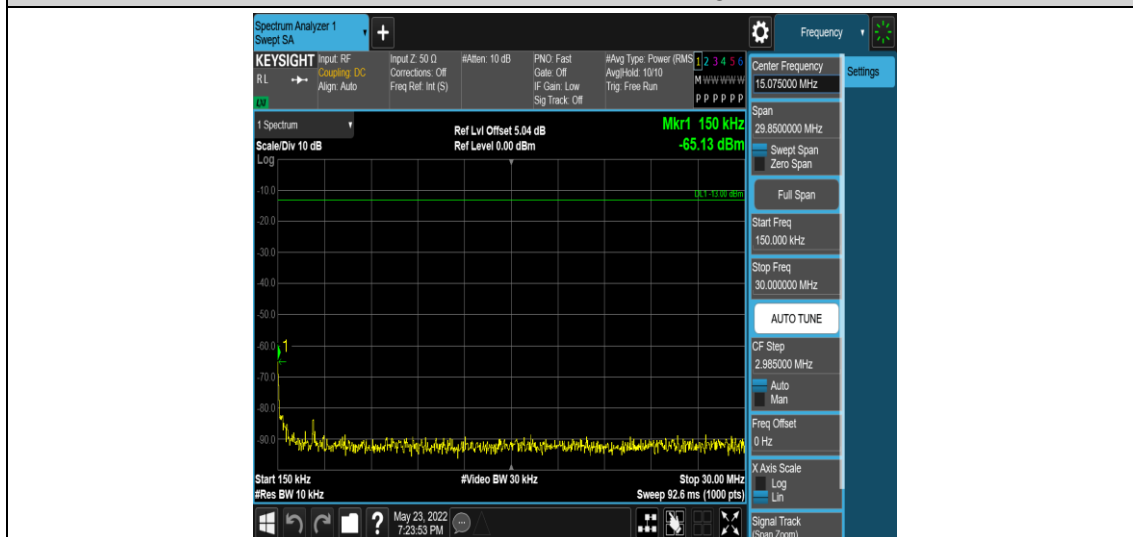
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Band17-10MHz-QPSK-23800-1RB#0-Range4:1000~10000MHz



Band17-10MHz-16QAM-23780-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-16QAM-23780-1RB#0-Range2:0.15~30MHz



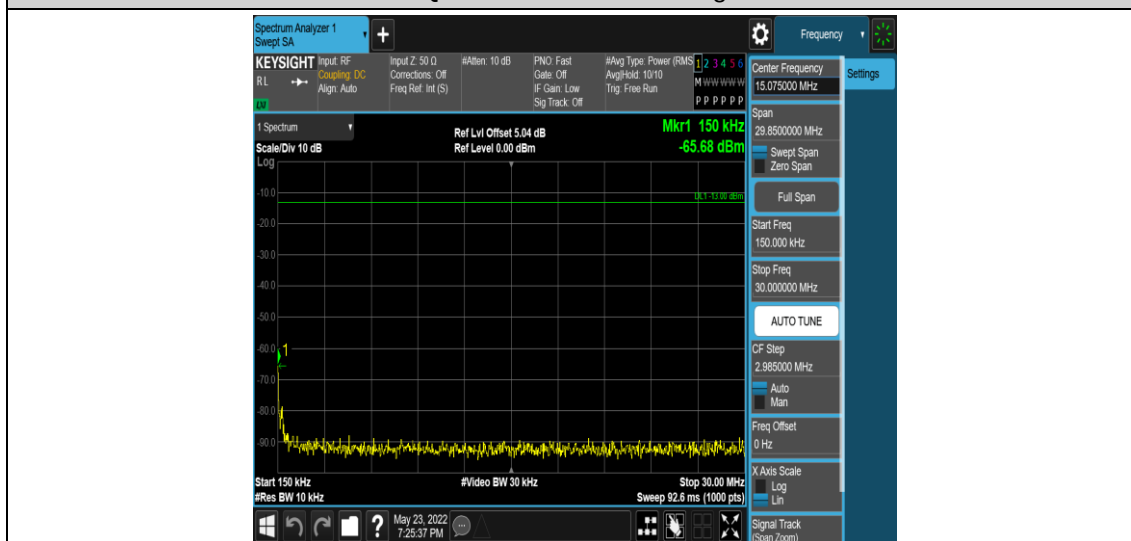
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Band17-10MHz-16QAM-23790-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



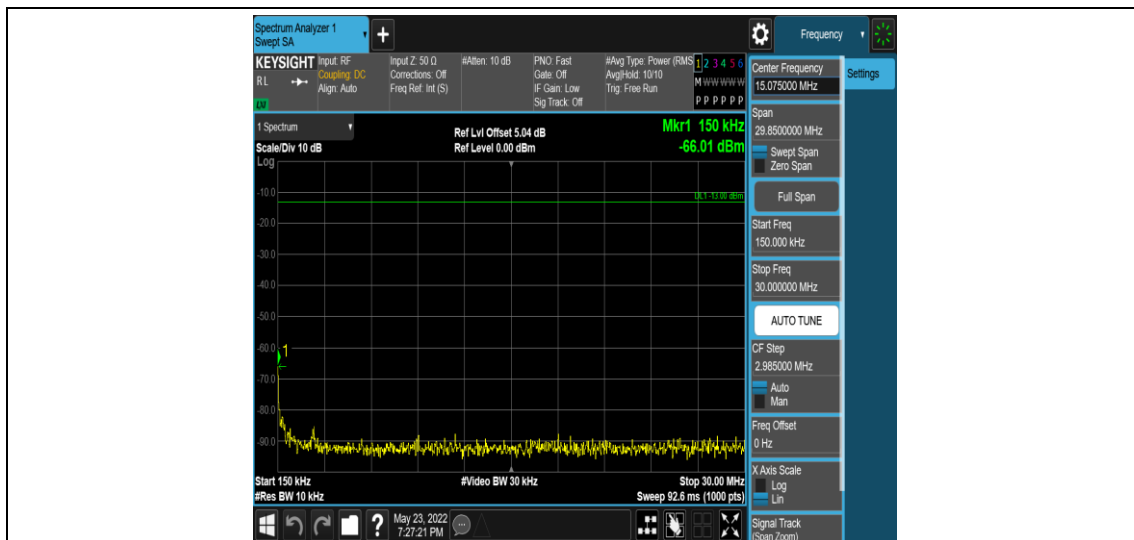
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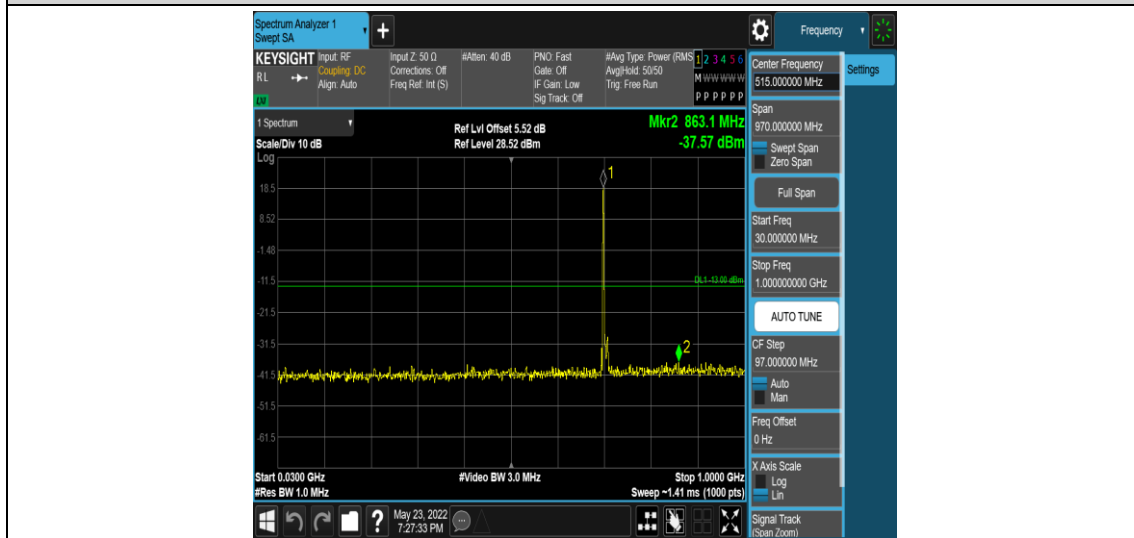
Band17-10MHz-16QAM-23790-1RB#0-Range4:1000~10000MHz



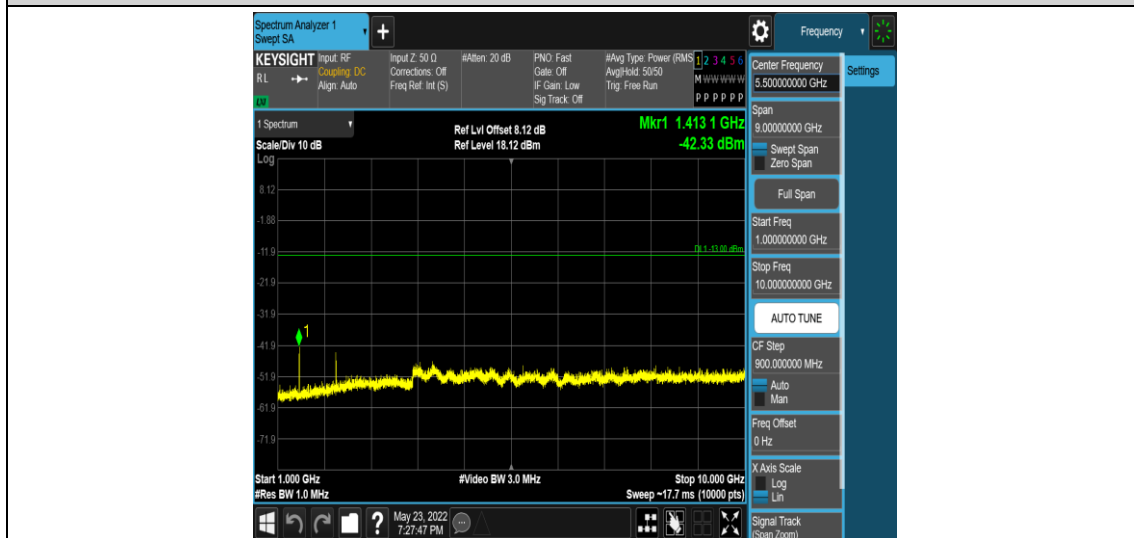
Band17-10MHz-16QAM-23800-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:0.15~30MHz



Band17-10MHz-16QAM-23800-1RB#0-Range3:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range4:1000~10000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	VL	NT	-8.33	-0.011791	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VN	NT	-12.92	-0.018287	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	VH	NT	-13.00	-0.018401	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VL	NT	-8.13	-0.011451	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VN	NT	-12.92	-0.018197	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	VH	NT	-11.73	-0.016521	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VL	NT	-8.98	-0.012586	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VN	NT	-9.20	-0.012894	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	VH	NT	-14.68	-0.020575	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VL	NT	-8.23	-0.011649	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VN	NT	-8.54	-0.012088	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	VH	NT	-13.28	-0.018797	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VL	NT	-6.08	-0.008563	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VN	NT	-2.68	-0.003775	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	VH	NT	-2.66	-0.003746	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VL	NT	-8.34	-0.011689	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VN	NT	-10.00	-0.014015	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	VH	NT	-8.71	-0.012207	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VL	NT	-7.61	-0.010733	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VN	NT	-10.86	-0.015317	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	VH	NT	-10.89	-0.015360	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VL	NT	-6.35	-0.008944	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VN	NT	-6.95	-0.009789	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	VH	NT	-6.21	-0.008746	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VL	NT	-7.11	-0.010000	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VN	NT	-5.14	-0.007229	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	VH	NT	-7.21	-0.010141	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VL	NT	-2.93	-0.004133	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VN	NT	-3.91	-0.005515	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	VH	NT	-10.19	-0.014372	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VL	NT	-6.02	-0.008479	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VN	NT	-7.22	-0.010169	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	VH	NT	-14.02	-0.019746	±2.5	PASS

Band17	10MHz	16QAM	23800	50RB#0	VL	NT	-14.16	-0.019916	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VN	NT	-11.30	-0.015893	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	VH	NT	-8.88	-0.012489	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	NV	-30	-9.14	-0.012937	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	-20	-4.41	-0.006242	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	0	-12.56	-0.017778	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	10	-5.14	-0.007275	±2.5	PASS
Band17	5MHz	QPSK	23755	25RB#0	NV	20	-10.80	-0.015287	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-30	-7.84	-0.011042	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	-20	-7.28	-0.010254	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	0	-4.21	-0.005930	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	10	-8.73	-0.012296	±2.5	PASS
Band17	5MHz	QPSK	23790	25RB#0	NV	20	-13.75	-0.019366	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-30	-6.17	-0.008648	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	-20	-11.40	-0.015978	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	0	-10.40	-0.014576	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	10	-3.12	-0.004373	±2.5	PASS
Band17	5MHz	QPSK	23825	25RB#0	NV	20	-6.37	-0.008928	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-30	-11.10	-0.015711	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	-20	-7.74	-0.010955	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	0	-9.33	-0.013206	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	10	-7.82	-0.011069	±2.5	PASS
Band17	5MHz	16QAM	23755	25RB#0	NV	20	-7.27	-0.010290	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-30	-6.61	-0.009310	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	-20	-7.65	-0.010775	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	0	-7.32	-0.010310	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	10	-8.40	-0.011831	±2.5	PASS
Band17	5MHz	16QAM	23790	25RB#0	NV	20	-8.03	-0.011310	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-30	-8.97	-0.012572	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	-20	-13.53	-0.018963	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	0	-9.51	-0.013329	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	10	-11.53	-0.016160	±2.5	PASS
Band17	5MHz	16QAM	23825	25RB#0	NV	20	-10.53	-0.014758	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-30	-8.47	-0.011946	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	-20	-6.04	-0.008519	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	0	-7.18	-0.010127	±2.5	PASS

Band17	10MHz	QPSK	23780	50RB#0	NV	10	-8.63	-0.012172	±2.5	PASS
Band17	10MHz	QPSK	23780	50RB#0	NV	20	-8.88	-0.012525	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-30	-10.93	-0.015394	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	-20	-10.03	-0.014127	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	0	-3.60	-0.005070	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	10	-6.25	-0.008803	±2.5	PASS
Band17	10MHz	QPSK	23790	50RB#0	NV	20	-3.00	-0.004225	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-30	-6.68	-0.009395	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	-20	-6.08	-0.008551	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	0	-4.35	-0.006118	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	10	-4.89	-0.006878	±2.5	PASS
Band17	10MHz	QPSK	23800	50RB#0	NV	20	-7.67	-0.010788	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-30	-9.63	-0.013583	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	-20	-2.27	-0.003202	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	0	-4.19	-0.005910	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	10	-6.45	-0.009097	±2.5	PASS
Band17	10MHz	16QAM	23780	50RB#0	NV	20	-7.08	-0.009986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-30	-8.21	-0.011563	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	-20	-12.06	-0.016986	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	0	-9.63	-0.013563	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	10	-1.16	-0.001634	±2.5	PASS
Band17	10MHz	16QAM	23790	50RB#0	NV	20	-2.66	-0.003746	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-30	-9.66	-0.013586	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	-20	-11.69	-0.016442	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	0	-11.24	-0.015809	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	10	-7.84	-0.011027	±2.5	PASS
Band17	10MHz	16QAM	23800	50RB#0	NV	20	-6.90	-0.009705	±2.5	PASS