

# Appendix A: Effective (Isotropic) Radiated Power Output Data

# **Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	22.41	PASS
Band17	5MHz	QPSK	23755	1RB#12	22.49	PASS
Band17	5MHz	QPSK	23755	1RB#24	22.41	PASS
Band17	5MHz	QPSK	23755	12RB#0	21.40	PASS
Band17	5MHz	QPSK	23755	12RB#6	21.41	PASS
Band17	5MHz	QPSK	23755	12RB#13	21.49	PASS
Band17	5MHz	QPSK	23755	25RB#0	21.47	PASS
Band17	5MHz	QPSK	23790	1RB#0	22.42	PASS
Band17	5MHz	QPSK	23790	1RB#12	22.50	PASS
Band17	5MHz	QPSK	23790	1RB#24	22.40	PASS
Band17	5MHz	QPSK	23790	12RB#0	21.44	PASS
Band17	5MHz	QPSK	23790	12RB#6	21.54	PASS
Band17	5MHz	QPSK	23790	12RB#13	21.34	PASS
Band17	5MHz	QPSK	23790	25RB#0	21.50	PASS
Band17	5MHz	QPSK	23825	1RB#0	22.38	PASS
Band17	5MHz	QPSK	23825	1RB#12	22.48	PASS
Band17	5MHz	QPSK	23825	1RB#24	22.28	PASS
Band17	5MHz	QPSK	23825	12RB#0	21.47	PASS
Band17	5MHz	QPSK	23825	12RB#6	21.42	PASS
Band17	5MHz	QPSK	23825	12RB#13	21.44	PASS
Band17	5MHz	QPSK	23825	25RB#0	21.49	PASS
Band17	5MHz	16QAM	23755	1RB#0	21.55	PASS
Band17	5MHz	16QAM	23755	1RB#12	21.58	PASS
Band17	5MHz	16QAM	23755	1RB#24	21.47	PASS
Band17	5MHz	16QAM	23755	12RB#0	20.43	PASS
Band17	5MHz	16QAM	23755	12RB#6	20.41	PASS
Band17	5MHz	16QAM	23755	12RB#13	20.49	PASS
Band17	5MHz	16QAM	23755	25RB#0	20.46	PASS
Band17	5MHz	16QAM	23790	1RB#0	21.44	PASS

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Band17	5MHz	16QAM	23790	1RB#12	21.53	PASS
Band17	5MHz	16QAM	23790	1RB#24	21.46	PASS
Band17	5MHz	16QAM	23790	12RB#0	20.43	PASS
Band17	5MHz	16QAM	23790	12RB#6	20.47	PASS
Band17	5MHz	16QAM	23790	12RB#13	20.39	PASS
Band17	5MHz	16QAM	23790	25RB#0	20.50	PASS
Band17	5MHz	16QAM	23825	1RB#0	21.68	PASS
Band17	5MHz	16QAM	23825	1RB#12	21.73	PASS
Band17	5MHz	16QAM	23825	1RB#24	21.55	PASS
Band17	5MHz	16QAM	23825	12RB#0	20.51	PASS
Band17	5MHz	16QAM	23825	12RB#6	20.51	PASS
Band17	5MHz	16QAM	23825	12RB#13	20.50	PASS
Band17	5MHz	16QAM	23825	25RB#0	20.50	PASS
Band17	10MHz	QPSK	23780	1RB#0	22.44	PASS
Band17	10MHz	QPSK	23780	1RB#24	22.41	PASS
Band17	10MHz	QPSK	23780	1RB#49	22.28	PASS
Band17	10MHz	QPSK	23780	25RB#0	21.50	PASS
Band17	10MHz	QPSK	23780	25RB#12	21.51	PASS
Band17	10MHz	QPSK	23780	25RB#25	21.41	PASS
Band17	10MHz	QPSK	23780	50RB#0	21.45	PASS
Band17	10MHz	QPSK	23790	1RB#0	22.43	PASS
Band17	10MHz	QPSK	23790	1RB#24	22.51	PASS
Band17	10MHz	QPSK	23790	1RB#49	22.41	PASS
Band17	10MHz	QPSK	23790	25RB#0	21.56	PASS
Band17	10MHz	QPSK	23790	25RB#12	21.58	PASS
Band17	10MHz	QPSK	23790	25RB#25	21.46	PASS
Band17	10MHz	QPSK	23790	50RB#0	21.56	PASS
Band17	10MHz	QPSK	23800	1RB#0	22.42	PASS
Band17	10MHz	QPSK	23800	1RB#24	22.54	PASS
Band17	10MHz	QPSK	23800	1RB#49	22.33	PASS
Band17	10MHz	QPSK	23800	25RB#0	21.62	PASS
Band17	10MHz	QPSK	23800	25RB#12	21.65	PASS
Band17	10MHz	QPSK	23800	25RB#25	21.57	PASS
Band17	10MHz	QPSK	23800	50RB#0	21.55	PASS

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Band17	10MHz	16QAM	23780	1RB#0	21.66	PASS
Band17	10MHz	16QAM	23780	1RB#24	21.72	PASS
Band17	10MHz	16QAM	23780	1RB#49	21.57	PASS
Band17	10MHz	16QAM	23780	25RB#0	20.51	PASS
Band17	10MHz	16QAM	23780	25RB#12	20.49	PASS
Band17	10MHz	16QAM	23780	25RB#25	20.36	PASS
Band17	10MHz	16QAM	23780	50RB#0	20.37	PASS
Band17	10MHz	16QAM	23790	1RB#0	21.65	PASS
Band17	10MHz	16QAM	23790	1RB#24	21.77	PASS
Band17	10MHz	16QAM	23790	1RB#49	21.60	PASS
Band17	10MHz	16QAM	23790	25RB#0	20.59	PASS
Band17	10MHz	16QAM	23790	25RB#12	20.55	PASS
Band17	10MHz	16QAM	23790	25RB#25	20.47	PASS
Band17	10MHz	16QAM	23790	50RB#0	20.48	PASS
Band17	10MHz	16QAM	23800	1RB#0	21.72	PASS
Band17	10MHz	16QAM	23800	1RB#24	21.71	PASS
Band17	10MHz	16QAM	23800	1RB#49	21.48	PASS
Band17	10MHz	16QAM	23800	25RB#0	20.64	PASS
Band17	10MHz	16QAM	23800	25RB#12	20.65	PASS
Band17	10MHz	16QAM	23800	25RB#25	20.57	PASS
Band17	10MHz	16QAM	23800	50RB#0	20.59	PASS



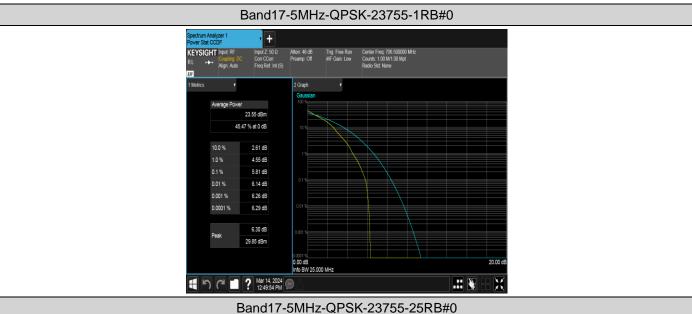
# **Appendix B: Peak-to-Average Ratio(CCDF)**

# **Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	5.81	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.57	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	5.39	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.67	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	5.56	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.68	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.91	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.20	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.90	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.31	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	6.20	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	6.38	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	5.26	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.61	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	5.21	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.63	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	4.89	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.63	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	6.14	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	6.31	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	6.04	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	6.33	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.54	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	6.39	13	PASS



# **Test Graphs**







Band17-5MHz-QPSK-23790-1RB#0





### Band17-5MHz-QPSK-23790-25RB#0



Band17-5MHz-QPSK-23825-1RB#0





### Band17-5MHz-QPSK-23825-25RB#0



Band17-5MHz-16QAM-23755-1RB#0





### Band17-5MHz-16QAM-23755-25RB#0

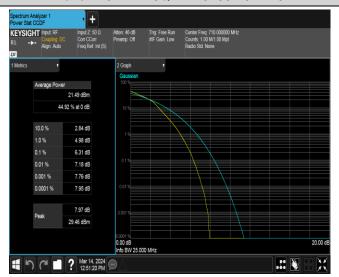


Band17-5MHz-16QAM-23790-1RB#0





### Band17-5MHz-16QAM-23790-25RB#0



Band17-5MHz-16QAM-23825-1RB#0





### Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0





### Band17-10MHz-QPSK-23780-50RB#0

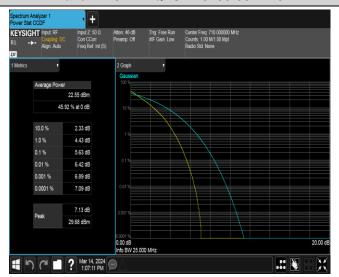


Band17-10MHz-QPSK-23790-1RB#0





### Band17-10MHz-QPSK-23790-50RB#0

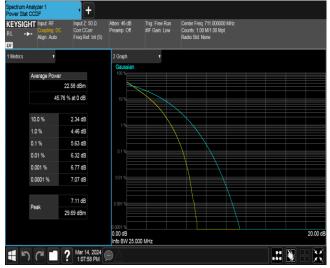


Band17-10MHz-QPSK-23800-1RB#0





### Band17-10MHz-QPSK-23800-50RB#0

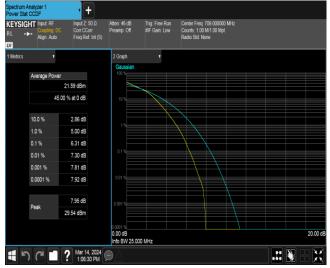


Band17-10MHz-16QAM-23780-1RB#0





### Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-1RB#0





### Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0





### Band17-10MHz-16QAM-23800-50RB#0





# Appendix C: 26dB Bandwidth and Occupied Bandwidth

# **Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.5019	5.086	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.5033	4.955	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5053	4.956	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5044	4.928	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5042	4.944	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5047	4.998	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9813	9.601	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9901	9.627	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9935	9.611	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.9634	9.521	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.9784	9.575	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.9966	9.569	PASS



# **Test Graphs**







### Band17-5MHz-16QAM-23755-25RB#0



Band17-5MHz-16QAM-23790-25RB#0





### Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-50RB#0





### Band17-10MHz-QPSK-23790-50RB#0



Band17-10MHz-QPSK-23800-50RB#0



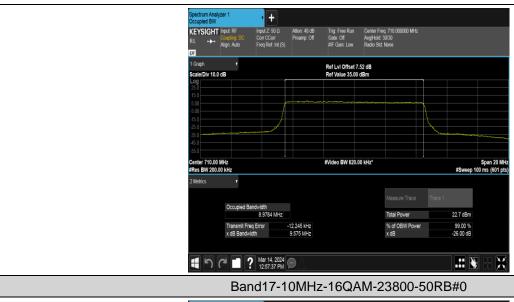


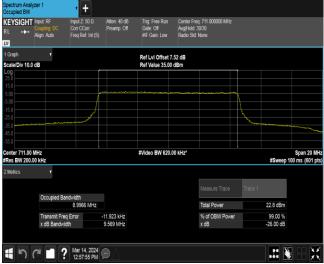
### Band17-10MHz-16QAM-23780-50RB#0



Band17-10MHz-16QAM-23790-50RB#0









# **Appendix D: Band Edge**

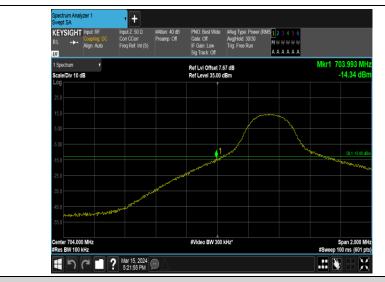
# **Test Result**

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-14.34	PASS
Band17	5MHz	QPSK	23755	1RB#24	-48.87	PASS
Band17	5MHz	QPSK	23755	25RB#0	-26.46	PASS
Band17	5MHz	QPSK	23825	1RB#0	-49.67	PASS
Band17	5MHz	QPSK	23825	1RB#24	-14.09	PASS
Band17	5MHz	QPSK	23825	25RB#0	-25.56	PASS
Band17	5MHz	16QAM	23755	1RB#0	-14.35	PASS
Band17	5MHz	16QAM	23755	1RB#24	-44.28	PASS
Band17	5MHz	16QAM	23755	25RB#0	-26.49	PASS
Band17	5MHz	16QAM	23825	1RB#0	-48.83	PASS
Band17	5MHz	16QAM	23825	1RB#24	-14.63	PASS
Band17	5MHz	16QAM	23825	25RB#0	-27.60	PASS
Band17	10MHz	QPSK	23780	1RB#0	-20.03,-17.28	PASS
Band17	10MHz	QPSK	23780	1RB#49	-47.51,-47.78	PASS
Band17	10MHz	QPSK	23780	50RB#0	-31.77,-29.98	PASS
Band17	10MHz	QPSK	23800	1RB#0	-48.08,-48.65	PASS
Band17	10MHz	QPSK	23800	1RB#49	-16.47,-19.07	PASS
Band17	10MHz	QPSK	23800	50RB#0	-31.77,-33.10	PASS
Band17	10MHz	16QAM	23780	1RB#0	-19.98,-15.97	PASS
Band17	10MHz	16QAM	23780	1RB#49	-42.08,-44.61	PASS
Band17	10MHz	16QAM	23780	50RB#0	-34.01,-32.32	PASS
Band17	10MHz	16QAM	23800	1RB#0	-48.51,-48.80	PASS
Band17	10MHz	16QAM	23800	1RB#49	-16.86,-18.88	PASS
Band17	10MHz	16QAM	23800	50RB#0	-31.82,-33.70	PASS

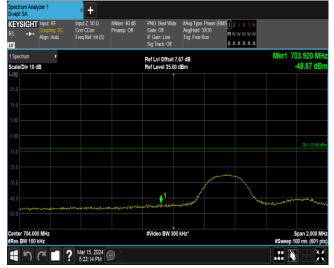
# **Test Graphs**

# Band17-5MHz-QPSK-23755-1RB#0





### Band17-5MHz-QPSK-23755-1RB#24



Band17-5MHz-QPSK-23755-25RB#0





### Band17-5MHz-QPSK-23825-1RB#0



Band17-5MHz-QPSK-23825-1RB#24



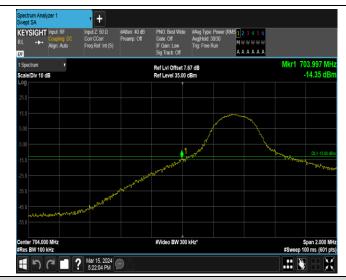


### Band17-5MHz-QPSK-23825-25RB#0

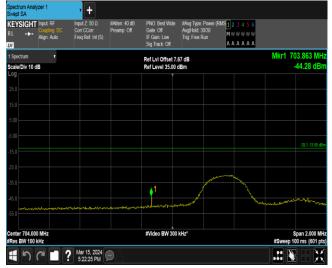


Band17-5MHz-16QAM-23755-1RB#0





### Band17-5MHz-16QAM-23755-1RB#24



Band17-5MHz-16QAM-23755-25RB#0





#### Band17-5MHz-16QAM-23825-1RB#0



Band17-5MHz-16QAM-23825-1RB#24





### Band17-5MHz-16QAM-23825-25RB#0



Band17-10MHz-QPSK-23780-1RB#0





### Band17-10MHz-QPSK-23780-1RB#49



Band17-10MHz-QPSK-23780-50RB#0





### Band17-10MHz-QPSK-23800-1RB#0



Band17-10MHz-QPSK-23800-1RB#49



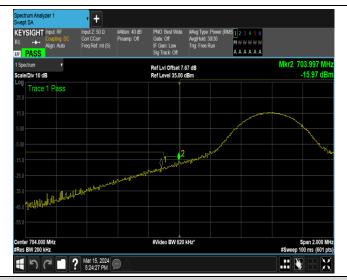


### Band17-10MHz-QPSK-23800-50RB#0



Band17-10MHz-16QAM-23780-1RB#0





### Band17-10MHz-16QAM-23780-1RB#49



Band17-10MHz-16QAM-23780-50RB#0





### Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-1RB#49





### Band17-10MHz-16QAM-23800-50RB#0





# **Appendix E: Conducted Spurious Emission**

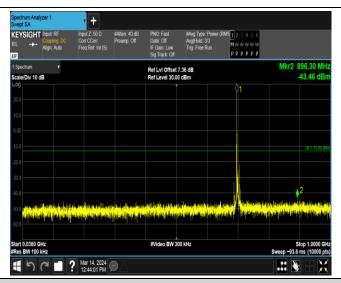
# **Test Result**

	5 1 1 1			RB	Frequency	Result	V
Band	Bandwidth	Modulation	Channel	Configuration	Range	(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-43.46	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-38.33	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-43.4	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-38.85	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-44.42	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-38.9	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-43.61	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-38.76	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-42.49	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-38.92	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-44.3	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-37.98	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-43.54	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-38.1	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-44.19	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-39	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-44.04	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:1000~10000MHz	-38.05	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-44.93	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:1000~10000MHz	-39.01	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-43.63	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-38.05	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-43.96	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:1000~10000MHz	-38.45	PASS

# **Test Graphs**

Band17-5MHz-QPSK-23755-1RB#0-Range1:30~1000MHz



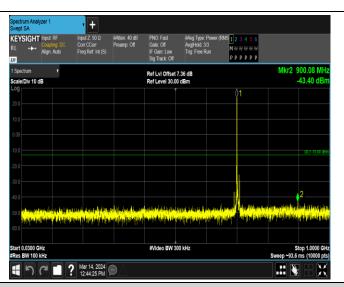


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Band17-5MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



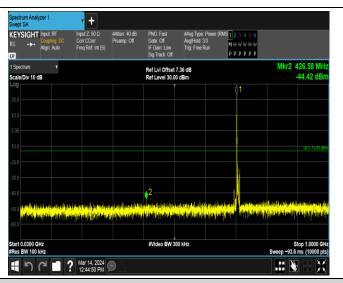


## Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz

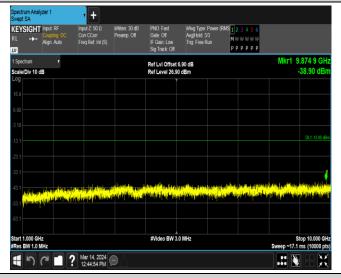


Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz



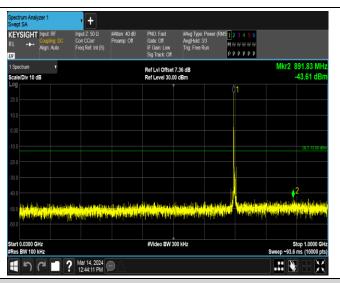


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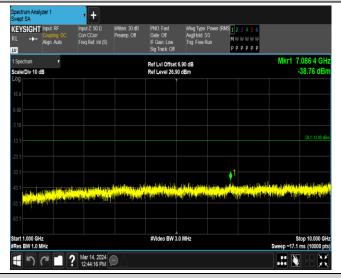


Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz



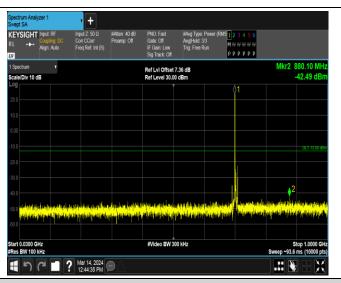


### Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz

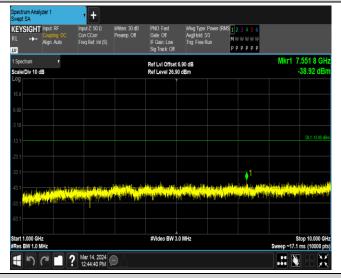


Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



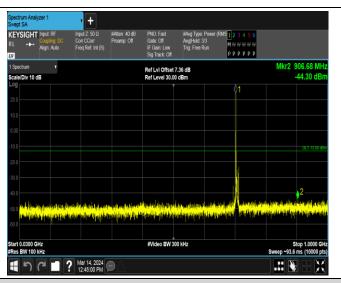


### Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz

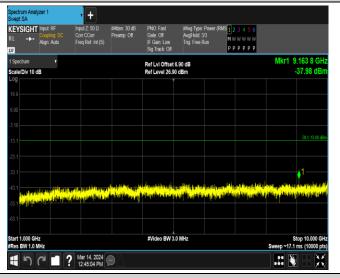


Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz



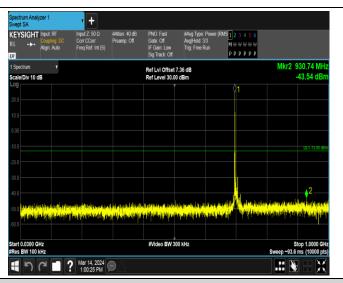


Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz

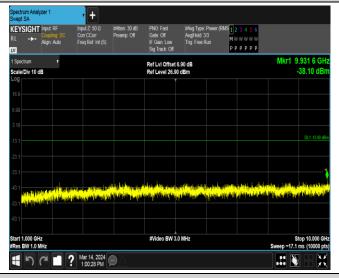


Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



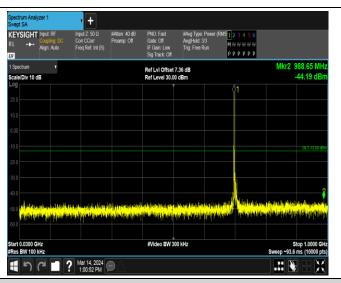


## Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz

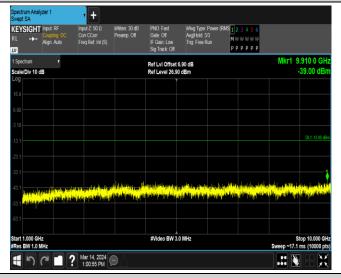


Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz





Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz