

Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	Gain (dBi)	E(I)RP (dBm)	Limit (dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	22.74	2	24.74	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#2	22.85	2	24.85	30	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	22.74	2	24.74	30	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	21.75	2	23.75	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	22.64	2	24.64	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#2	22.69	2	24.69	30	PASS
Band4	1.4MHz	QPSK	20175	1RB#5	22.67	2	24.67	30	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	21.61	2	23.61	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	22.56	2	24.56	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#2	22.63	2	24.63	30	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	22.54	2	24.54	30	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	21.6	2	23.6	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	21.72	2	23.72	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#2	21.81	2	23.81	30	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	21.7	2	23.7	30	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	20.83	2	22.83	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	21.51	2	23.51	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#2	21.86	2	23.86	30	PASS
Band4	1.4MHz	16QAM	20175	1RB#5	21.57	2	23.57	30	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	20.51	2	22.51	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	21.58	2	23.58	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#2	21.68	2	23.68	30	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	21.53	2	23.53	30	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	20.68	2	22.68	30	PASS
Band4	3MHz	QPSK	19965	1RB#0	22.78	2	24.78	30	PASS
Band4	3MHz	QPSK	19965	1RB#8	22.8	2	24.8	30	PASS
Band4	3MHz	QPSK	19965	1RB#14	22.82	2	24.82	30	PASS
Band4	3MHz	QPSK	19965	15RB#0	21.93	2	23.93	30	PASS
Band4	3MHz	QPSK	20175	1RB#0	22.68	2	24.68	30	PASS
Band4	3MHz	QPSK	20175	1RB#8	22.65	2	24.65	30	PASS
Band4	3MHz	QPSK	20175	1RB#14	22.7	2	24.7	30	PASS
Band4	3MHz	QPSK	20175	15RB#0	21.73	2	23.73	30	PASS
Band4	3MHz	QPSK	20385	1RB#0	22.67	2	24.67	30	PASS
Band4	3MHz	QPSK	20385	1RB#8	22.65	2	24.65	30	PASS

Band4	3MHz	QPSK	20385	1RB#14	22.7	2	24.7	30	PASS
Band4	3MHz	QPSK	20385	15RB#0	21.72	2	23.72	30	PASS
Band4	3MHz	16QAM	19965	1RB#0	21.87	2	23.87	30	PASS
Band4	3MHz	16QAM	19965	1RB#8	21.81	2	23.81	30	PASS
Band4	3MHz	16QAM	19965	1RB#14	21.8	2	23.8	30	PASS
Band4	3MHz	16QAM	19965	15RB#0	20.94	2	22.94	30	PASS
Band4	3MHz	16QAM	20175	1RB#0	21.72	2	23.72	30	PASS
Band4	3MHz	16QAM	20175	1RB#8	21.7	2	23.7	30	PASS
Band4	3MHz	16QAM	20175	1RB#14	21.68	2	23.68	30	PASS
Band4	3MHz	16QAM	20175	15RB#0	20.83	2	22.83	30	PASS
Band4	3MHz	16QAM	20385	1RB#0	21.57	2	23.57	30	PASS
Band4	3MHz	16QAM	20385	1RB#8	21.8	2	23.8	30	PASS
Band4	3MHz	16QAM	20385	1RB#14	21.59	2	23.59	30	PASS
Band4	3MHz	16QAM	20385	15RB#0	20.7	2	22.7	30	PASS
Band4	5MHz	QPSK	19975	1RB#0	22.86	2	24.86	30	PASS
Band4	5MHz	QPSK	19975	1RB#12	22.82	2	24.82	30	PASS
Band4	5MHz	QPSK	19975	1RB#24	22.9	2	24.9	30	PASS
Band4	5MHz	QPSK	19975	25RB#0	21.93	2	23.93	30	PASS
Band4	5MHz	QPSK	20175	1RB#0	22.78	2	24.78	30	PASS
Band4	5MHz	QPSK	20175	1RB#12	22.7	2	24.7	30	PASS
Band4	5MHz	QPSK	20175	1RB#24	22.72	2	24.72	30	PASS
Band4	5MHz	QPSK	20175	25RB#0	21.75	2	23.75	30	PASS
Band4	5MHz	QPSK	20375	1RB#0	22.64	2	24.64	30	PASS
Band4	5MHz	QPSK	20375	1RB#12	22.68	2	24.68	30	PASS
Band4	5MHz	QPSK	20375	1RB#24	22.63	2	24.63	30	PASS
Band4	5MHz	QPSK	20375	25RB#0	21.74	2	23.74	30	PASS
Band4	5MHz	16QAM	19975	1RB#0	21.82	2	23.82	30	PASS
Band4	5MHz	16QAM	19975	1RB#12	21.73	2	23.73	30	PASS
Band4	5MHz	16QAM	19975	1RB#24	21.79	2	23.79	30	PASS
Band4	5MHz	16QAM	19975	25RB#0	20.97	2	22.97	30	PASS
Band4	5MHz	16QAM	20175	1RB#0	21.74	2	23.74	30	PASS
Band4	5MHz	16QAM	20175	1RB#12	21.67	2	23.67	30	PASS
Band4	5MHz	16QAM	20175	1RB#24	21.72	2	23.72	30	PASS
Band4	5MHz	16QAM	20175	25RB#0	20.87	2	22.87	30	PASS
Band4	5MHz	16QAM	20375	1RB#0	21.74	2	23.74	30	PASS
Band4	5MHz	16QAM	20375	1RB#12	21.79	2	23.79	30	PASS
Band4	5MHz	16QAM	20375	1RB#24	21.72	2	23.72	30	PASS
Band4	5MHz	16QAM	20375	25RB#0	20.74	2	22.74	30	PASS
Band4	10MHz	QPSK	20000	1RB#0	22.82	2	24.82	30	PASS
Band4	10MHz	QPSK	20000	1RB#24	22.88	2	24.88	30	PASS

Band4	10MHz	QPSK	20000	1RB#49	22.7	2	24.7	30	PASS
Band4	10MHz	QPSK	20000	50RB#0	21.83	2	23.83	30	PASS
Band4	10MHz	QPSK	20175	1RB#0	22.78	2	24.78	30	PASS
Band4	10MHz	QPSK	20175	1RB#24	22.74	2	24.74	30	PASS
Band4	10MHz	QPSK	20175	1RB#49	22.68	2	24.68	30	PASS
Band4	10MHz	QPSK	20175	50RB#0	21.8	2	23.8	30	PASS
Band4	10MHz	QPSK	20350	1RB#0	22.63	2	24.63	30	PASS
Band4	10MHz	QPSK	20350	1RB#24	22.62	2	24.62	30	PASS
Band4	10MHz	QPSK	20350	1RB#49	22.66	2	24.66	30	PASS
Band4	10MHz	QPSK	20350	50RB#0	21.74	2	23.74	30	PASS
Band4	10MHz	16QAM	20000	1RB#0	21.89	2	23.89	30	PASS
Band4	10MHz	16QAM	20000	1RB#24	21.85	2	23.85	30	PASS
Band4	10MHz	16QAM	20000	1RB#49	21.79	2	23.79	30	PASS
Band4	10MHz	16QAM	20000	50RB#0	20.85	2	22.85	30	PASS
Band4	10MHz	16QAM	20175	1RB#0	21.86	2	23.86	30	PASS
Band4	10MHz	16QAM	20175	1RB#24	21.73	2	23.73	30	PASS
Band4	10MHz	16QAM	20175	1RB#49	21.74	2	23.74	30	PASS
Band4	10MHz	16QAM	20175	50RB#0	20.81	2	22.81	30	PASS
Band4	10MHz	16QAM	20350	1RB#0	21.54	2	23.54	30	PASS
Band4	10MHz	16QAM	20350	1RB#24	21.82	2	23.82	30	PASS
Band4	10MHz	16QAM	20350	1RB#49	21.48	2	23.48	30	PASS
Band4	10MHz	16QAM	20350	50RB#0	20.81	2	22.81	30	PASS
Band4	15MHz	QPSK	20025	1RB#0	22.79	2	24.79	30	PASS
Band4	15MHz	QPSK	20025	1RB#38	22.86	2	24.86	30	PASS
Band4	15MHz	QPSK	20025	1RB#74	22.75	2	24.75	30	PASS
Band4	15MHz	QPSK	20025	75RB#0	21.81	2	23.81	30	PASS
Band4	15MHz	QPSK	20175	1RB#0	22.75	2	24.75	30	PASS
Band4	15MHz	QPSK	20175	1RB#38	22.72	2	24.72	30	PASS
Band4	15MHz	QPSK	20175	1RB#74	22.65	2	24.65	30	PASS
Band4	15MHz	QPSK	20175	75RB#0	21.78	2	23.78	30	PASS
Band4	15MHz	QPSK	20325	1RB#0	22.63	2	24.63	30	PASS
Band4	15MHz	QPSK	20325	1RB#38	22.71	2	24.71	30	PASS
Band4	15MHz	QPSK	20325	1RB#74	22.49	2	24.49	30	PASS
Band4	15MHz	QPSK	20325	75RB#0	21.81	2	23.81	30	PASS
Band4	15MHz	16QAM	20025	1RB#0	21.85	2	23.85	30	PASS
Band4	15MHz	16QAM	20025	1RB#38	21.87	2	23.87	30	PASS
Band4	15MHz	16QAM	20025	1RB#74	21.76	2	23.76	30	PASS
Band4	15MHz	16QAM	20025	75RB#0	20.83	2	22.83	30	PASS
Band4	15MHz	16QAM	20175	1RB#0	21.79	2	23.79	30	PASS
Band4	15MHz	16QAM	20175	1RB#38	21.7	2	23.7	30	PASS

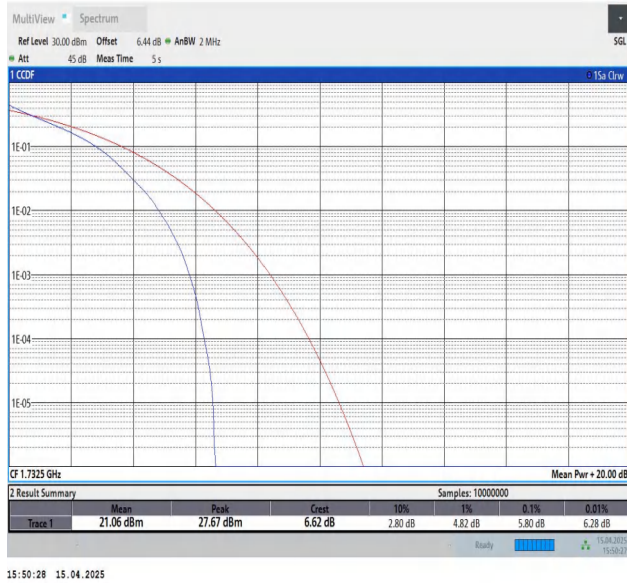
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Band4	15MHz	16QAM	20175	75RB#0	20.73	2	22.73	30	PASS
Band4	15MHz	16QAM	20325	1RB#0	21.83	2	23.83	30	PASS
Band4	15MHz	16QAM	20325	1RB#38	21.72	2	23.72	30	PASS
Band4	15MHz	16QAM	20325	1RB#74	21.77	2	23.77	30	PASS
Band4	15MHz	16QAM	20325	75RB#0	20.78	2	22.78	30	PASS
Band4	20MHz	QPSK	20050	1RB#0	22.8	2	24.8	30	PASS
Band4	20MHz	QPSK	20050	1RB#49	22.64	2	24.64	30	PASS
Band4	20MHz	QPSK	20050	1RB#99	22.67	2	24.67	30	PASS
Band4	20MHz	QPSK	20050	100RB#0	21.86	2	23.86	30	PASS
Band4	20MHz	QPSK	20175	1RB#0	22.76	2	24.76	30	PASS
Band4	20MHz	QPSK	20175	1RB#49	22.63	2	24.63	30	PASS
Band4	20MHz	QPSK	20175	1RB#99	22.63	2	24.63	30	PASS
Band4	20MHz	QPSK	20175	100RB#0	21.77	2	23.77	30	PASS
Band4	20MHz	QPSK	20300	1RB#0	22.69	2	24.69	30	PASS
Band4	20MHz	QPSK	20300	1RB#49	22.61	2	24.61	30	PASS
Band4	20MHz	QPSK	20300	1RB#99	22.64	2	24.64	30	PASS
Band4	20MHz	QPSK	20300	100RB#0	21.78	2	23.78	30	PASS
Band4	20MHz	16QAM	20050	1RB#0	21.77	2	23.77	30	PASS
Band4	20MHz	16QAM	20050	1RB#49	21.76	2	23.76	30	PASS
Band4	20MHz	16QAM	20050	1RB#99	21.61	2	23.61	30	PASS
Band4	20MHz	16QAM	20050	100RB#0	20.91	2	22.91	30	PASS
Band4	20MHz	16QAM	20175	1RB#0	21.72	2	23.72	30	PASS
Band4	20MHz	16QAM	20175	1RB#49	21.74	2	23.74	30	PASS
Band4	20MHz	16QAM	20175	1RB#99	21.52	2	23.52	30	PASS
Band4	20MHz	16QAM	20175	100RB#0	20.81	2	22.81	30	PASS
Band4	20MHz	16QAM	20300	1RB#0	21.85	2	23.85	30	PASS
Band4	20MHz	16QAM	20300	1RB#49	21.76	2	23.76	30	PASS
Band4	20MHz	16QAM	20300	1RB#99	21.79	2	23.79	30	PASS
Band4	20MHz	16QAM	20300	100RB#0	20.85	2	22.85	30	PASS

Peak-to-Average Ratio(CCDF)

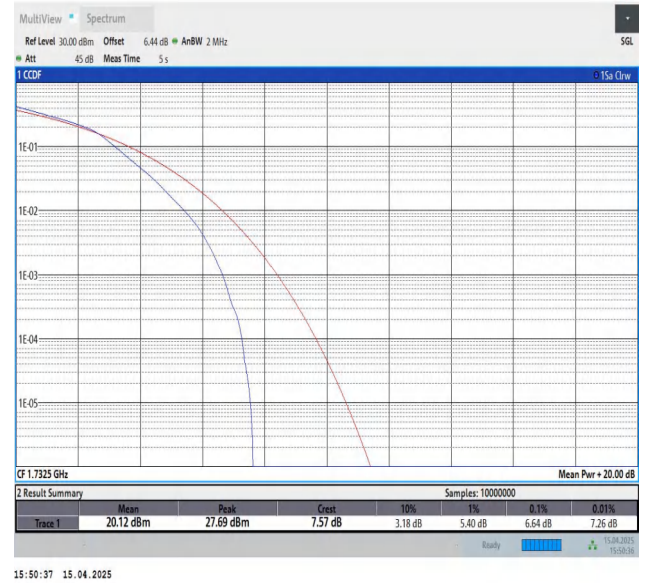
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	5.80	13	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	6.64	13	PASS
Band4	3MHz	QPSK	20175	15RB#0	5.74	13	PASS
Band4	3MHz	16QAM	20175	15RB#0	6.60	13	PASS
Band4	5MHz	QPSK	20175	25RB#0	5.74	13	PASS
Band4	5MHz	16QAM	20175	25RB#0	6.52	13	PASS
Band4	10MHz	QPSK	20175	50RB#0	5.64	13	PASS
Band4	10MHz	16QAM	20175	50RB#0	6.52	13	PASS
Band4	15MHz	QPSK	20175	75RB#0	5.84	13	PASS
Band4	15MHz	16QAM	20175	75RB#0	6.60	13	PASS
Band4	20MHz	QPSK	20175	100RB#0	5.58	13	PASS
Band4	20MHz	16QAM	20175	100RB#0	6.48	13	PASS

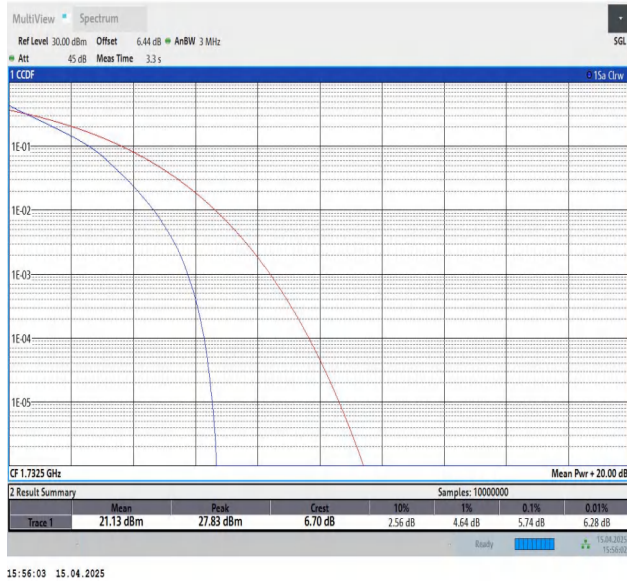
Test Graphs



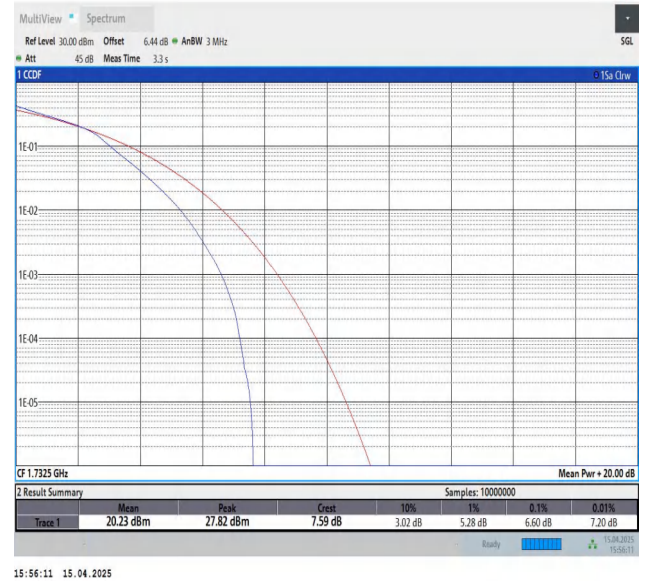
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



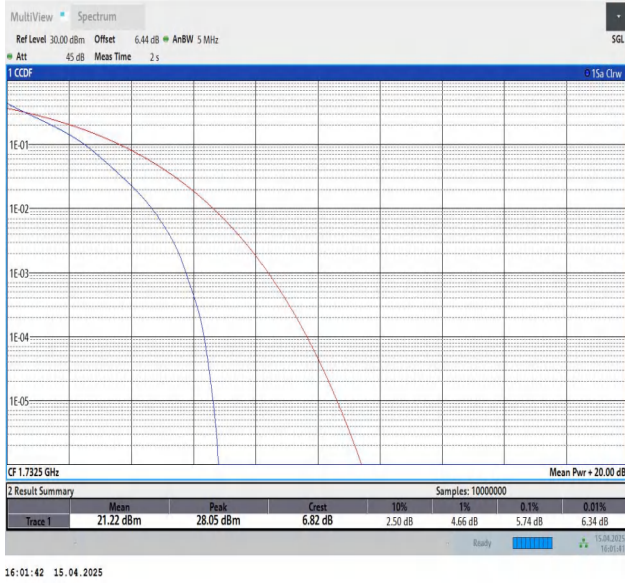
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



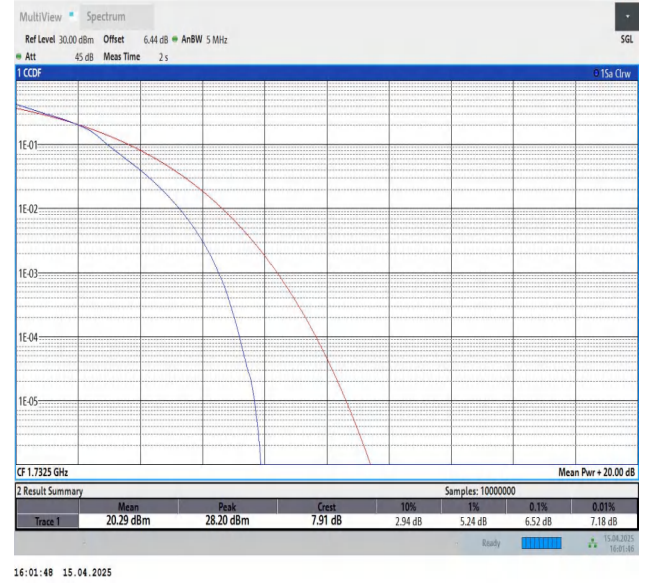
Band4-3MHz-QPSK-20175-15RB#0-PASS



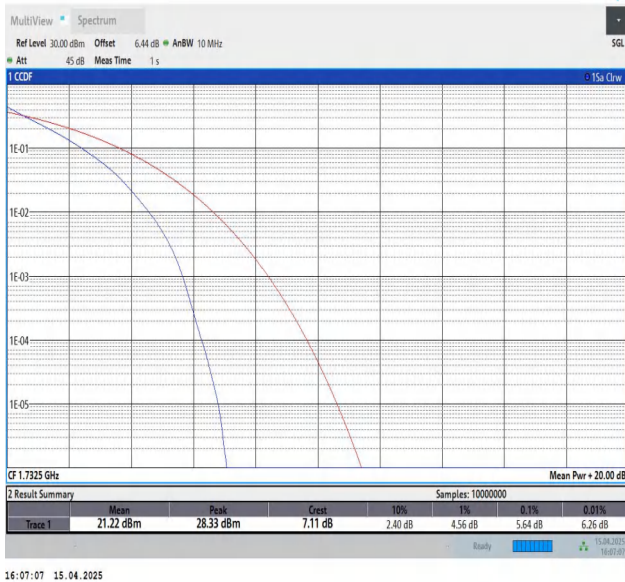
Band4-3MHz-16QAM-20175-15RB#0-PASS



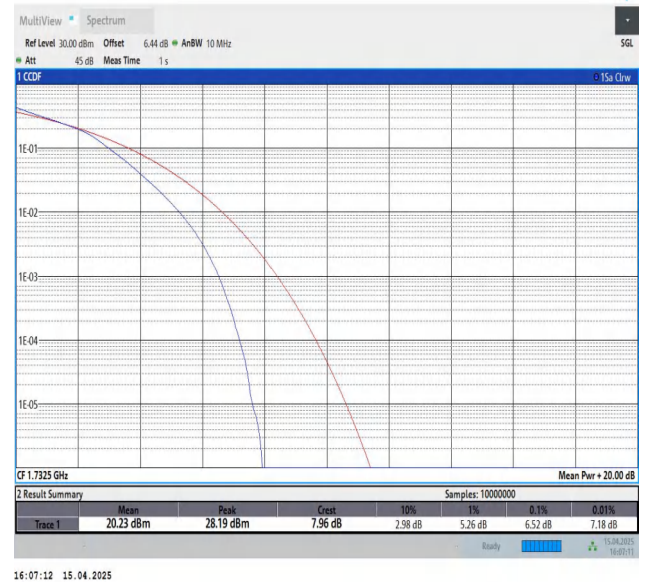
Band4-5MHz-QPSK-20175-25RB#0-PASS



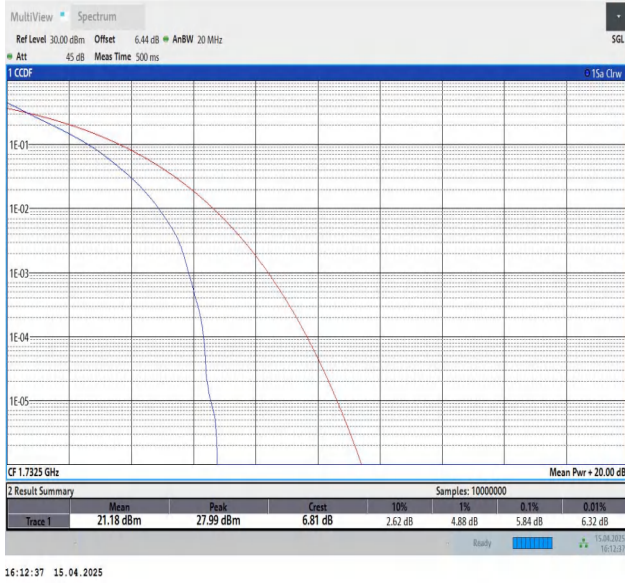
Band4-5MHz-16QAM-20175-25RB#0-PASS



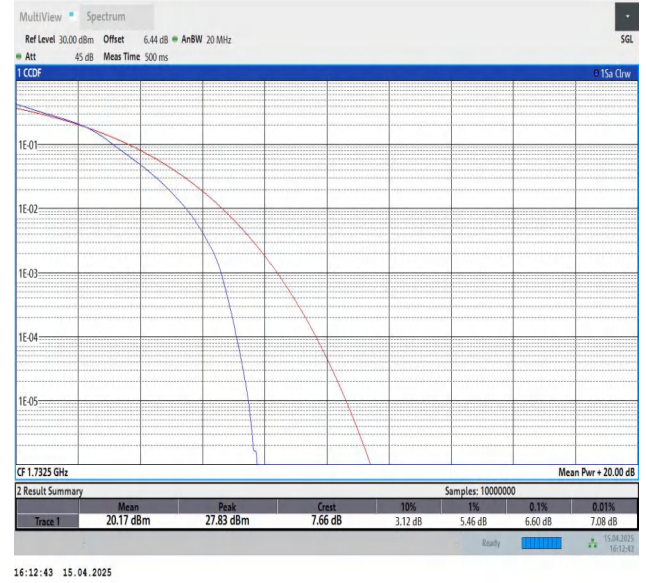
Band4-10MHz-QPSK-20175-50RB#0-PASS



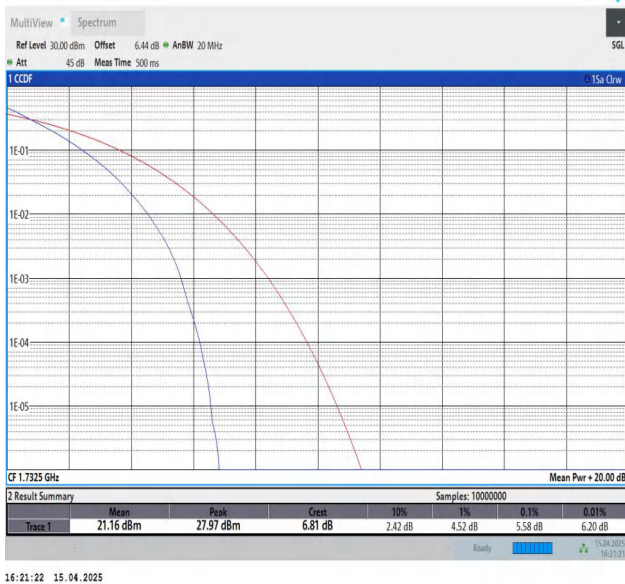
Band4-10MHz-16QAM-20175-50RB#0-PASS



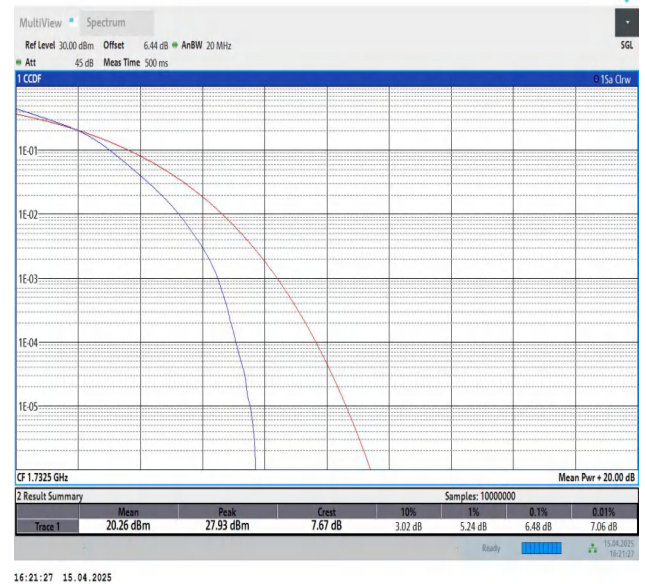
Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-75RB#0-PASS



Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS

26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	20175	6RB#0	1.097	1.25	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.089	1.24	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.95	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.687	2.98	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.506	4.99	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.504	4.97	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.985	9.87	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.979	9.83	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.462	14.75	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.434	14.65	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.947	19.73	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.954	19.53	PASS

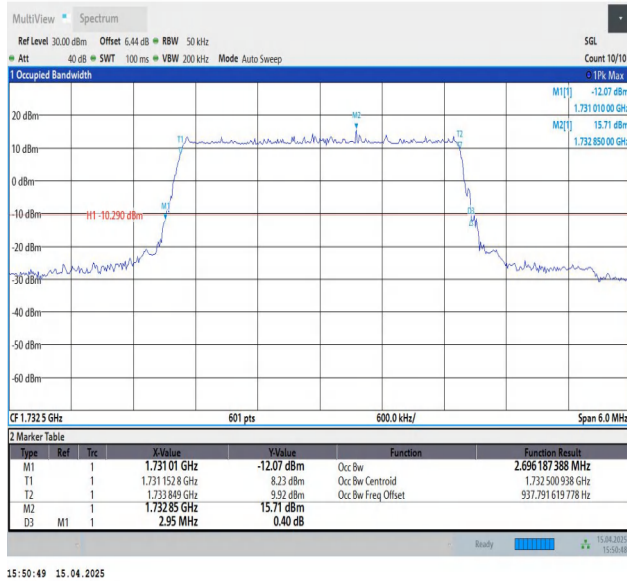
Test Graphs



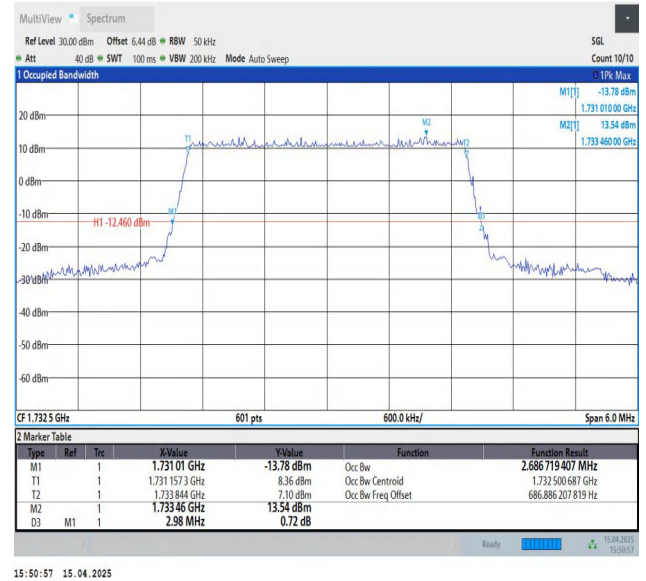
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



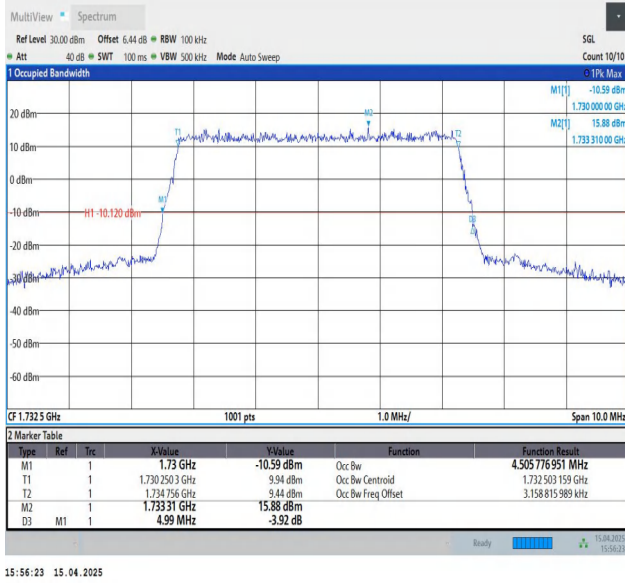
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



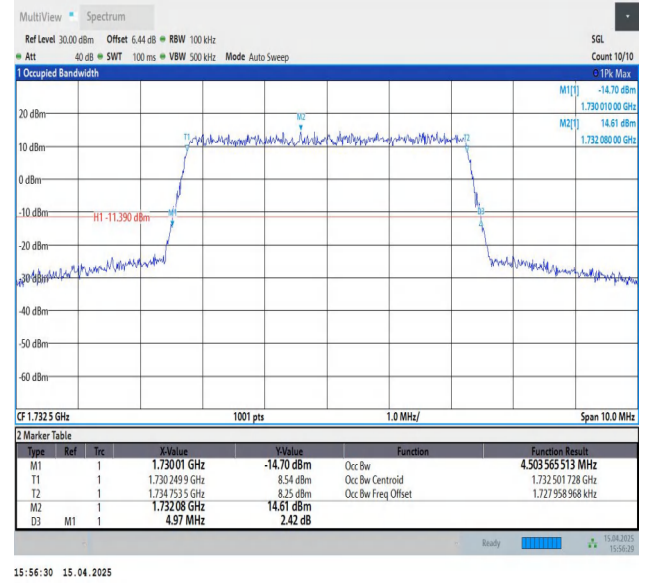
Band4-3MHz-QPSK-20175-15RB#0-PASS



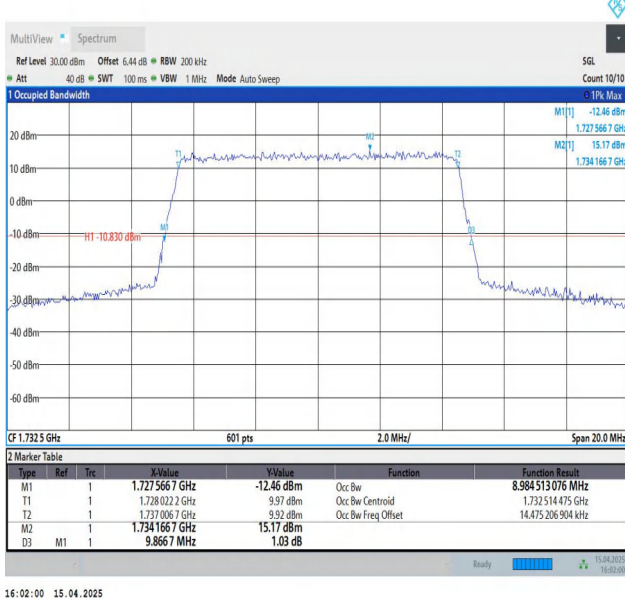
Band4-3MHz-16QAM-20175-15RB#0-PASS



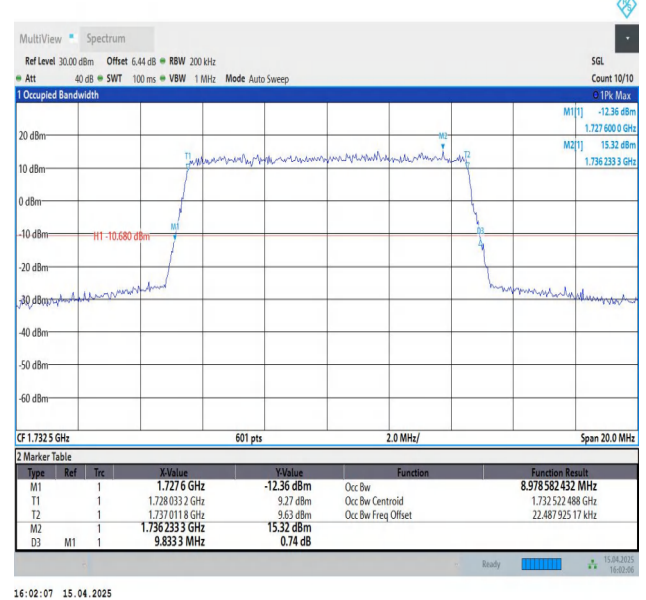
Band4-5MHz-QPSK-20175-25RB#0-PASS



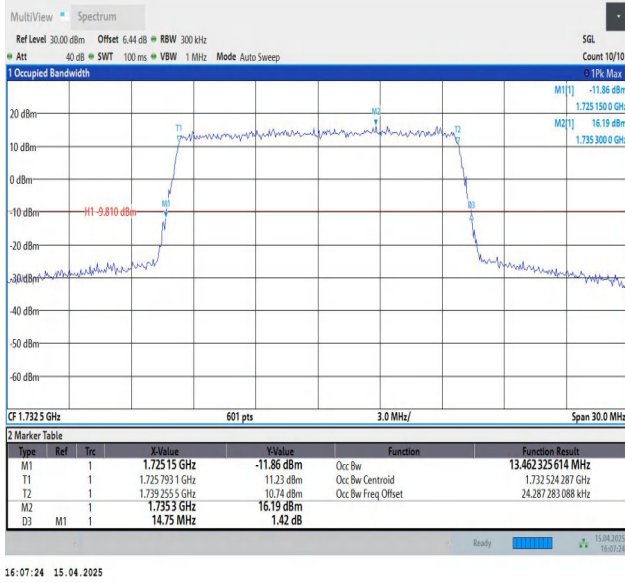
Band4-5MHz-16QAM-20175-25RB#0-PASS



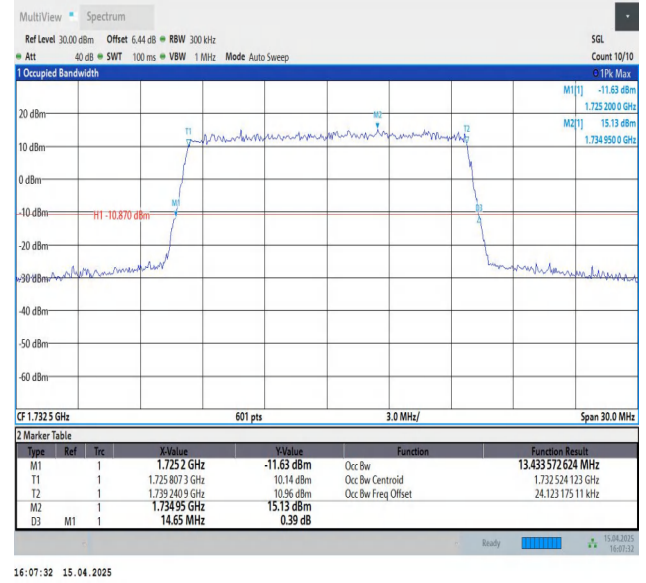
Band4-10MHz-QPSK-20175-50RB#0-PASS



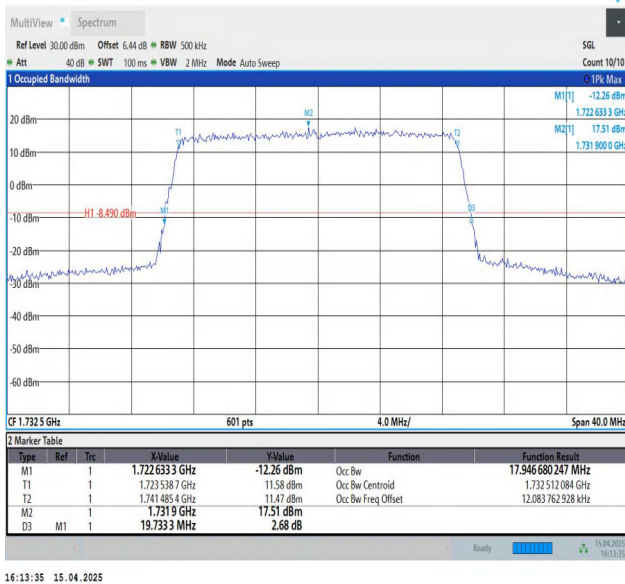
Band4-10MHz-16QAM-20175-50RB#0-PASS



Band4-15MHz-QPSK-20175-75RB#0-PASS



Band4-15MHz-16QAM-20175-75RB#0-PASS



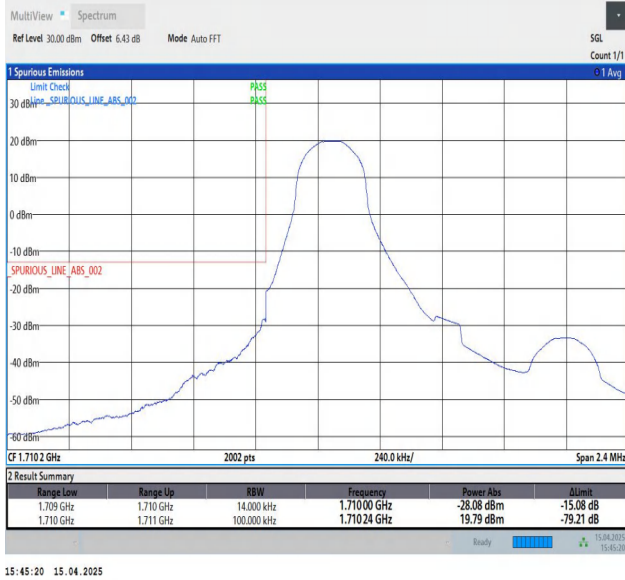
Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS

Band Edge

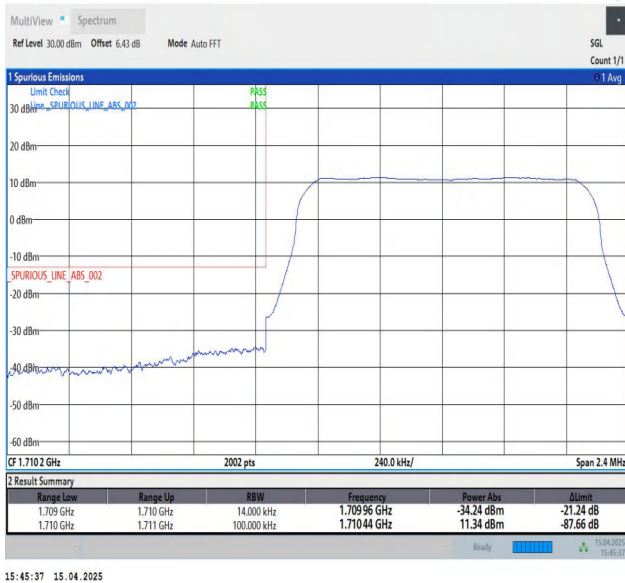
Test Graphs



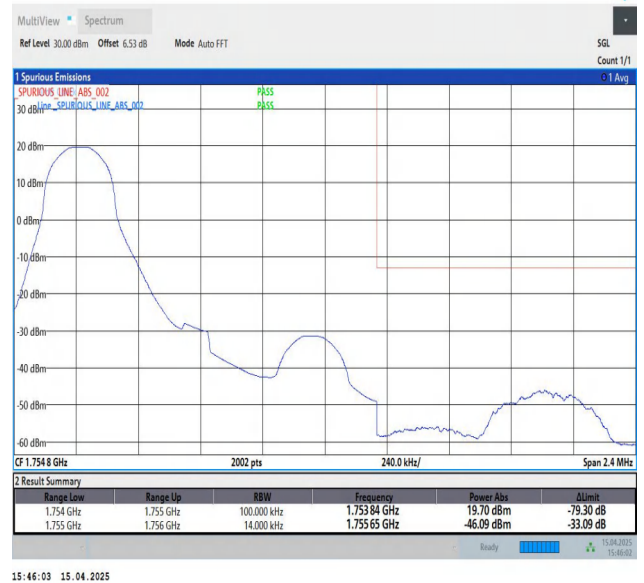
Band4-1.4MHz-QPSK-19957-1RB#0-PASS



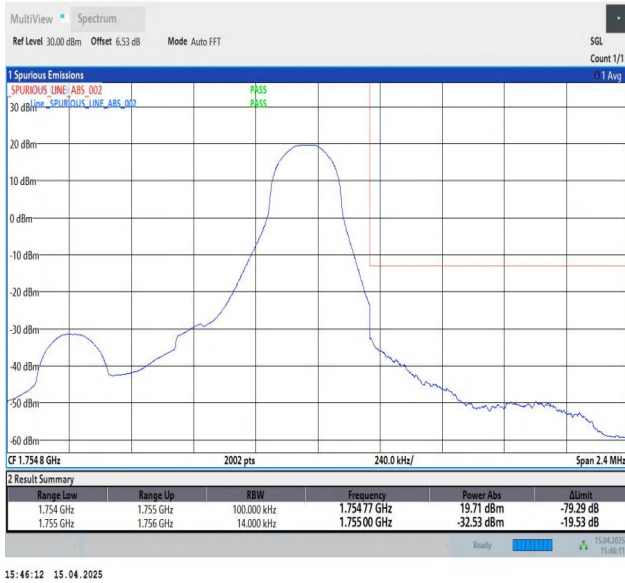
Band4-1.4MHz-QPSK-19957-1RB#5-PASS



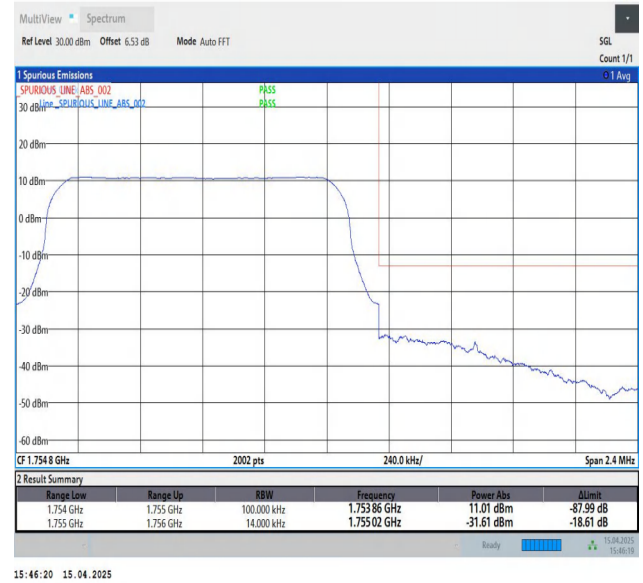
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



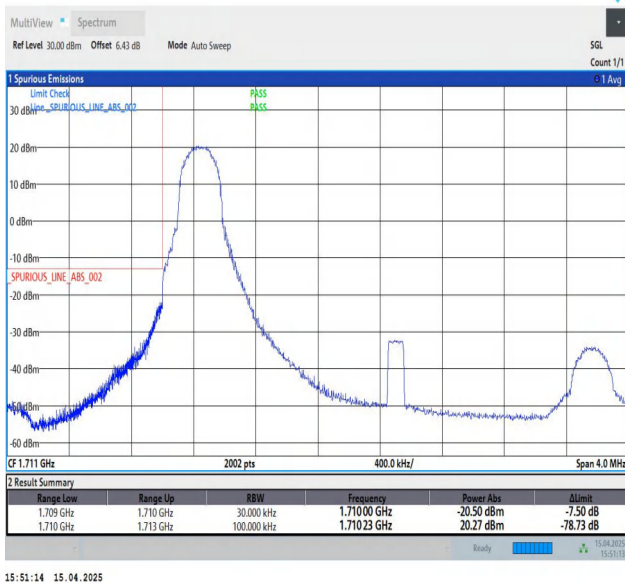
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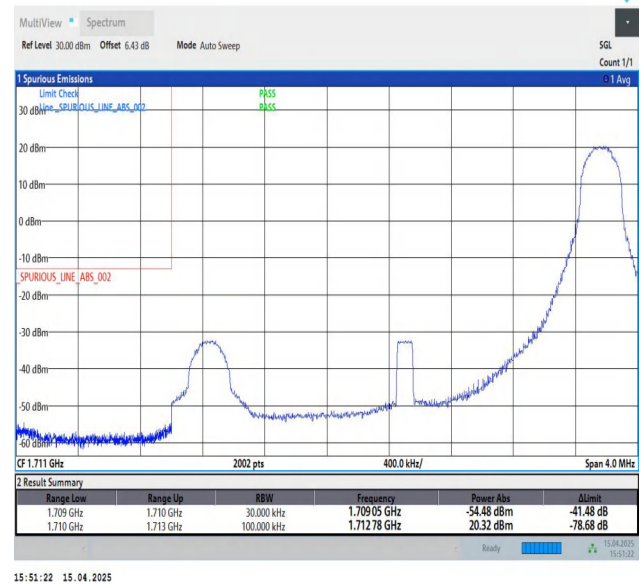
Band4-1.4MHz-QPSK-20393-1RB#5-PASS



Band4-1.4MHz-QPSK-20393-6RB#0-PASS



Band4-3MHz-QPSK-19965-1RB#0-PASS



Band4-3MHz-QPSK-19965-1RB#14-PASS