Transmitter Conducted Power Output

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.42	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	22.57	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.52	50	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.64	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.49	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.63	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.52	50	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.68	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.52	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.68	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.61	50	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.64	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	21.77	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	21.95	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	21.85	50	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.67	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.8	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	21.96	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.8	50	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.72	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	21.88	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.99	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	21.96	50	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.82	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	20.78	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	20.7	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	20.7	50	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	19.69	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	20.84	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	20.92	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	20.82	50	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	19.66	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	20.86	50	PASS

Band26	1.4MHz	64QAM	26783	1RB#2	20.93	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	20.81	50	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	19.68	50	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.53	50	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.74	50	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.64	50	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.64	50	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.59	50	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.68	50	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.7	50	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.75	50	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.7	50	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.78	50	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.67	50	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.77	50	PASS
Band26	3MHz	16QAM	26705	1RB#0	21.82	50	PASS
Band26	3MHz	16QAM	26705	1RB#8	22.1	50	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.82	50	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.77	50	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.86	50	PASS
Band26	3MHz	16QAM	26740	1RB#8	22.09	50	PASS
Band26	3MHz	16QAM	26740	1RB#14	22.11	50	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.71	50	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.92	50	PASS
Band26	3MHz	16QAM	26775	1RB#8	22.09	50	PASS
Band26	3MHz	16QAM	26775	1RB#14	22.04	50	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.79	50	PASS
Band26	3MHz	64QAM	26705	1RB#0	20.84	50	PASS
Band26	3MHz	64QAM	26705	1RB#8	21.06	50	PASS
Band26	3MHz	64QAM	26705	1RB#14	20.88	50	PASS
Band26	3MHz	64QAM	26705	15RB#0	19.67	50	PASS
Band26	3MHz	64QAM	26740	1RB#0	20.89	50	PASS
Band26	3MHz	64QAM	26740	1RB#8	21.02	50	PASS
Band26	3MHz	64QAM	26740	1RB#14	20.82	50	PASS
Band26	3MHz	64QAM	26740	15RB#0	19.81	50	PASS
Band26	3MHz	64QAM	26775	1RB#0	20.88	50	PASS
Band26	3MHz	64QAM	26775	1RB#8	20.97	50	PASS

Band26	3MHz	64QAM	26775	1RB#14	20.84	50	PASS
Band26	3MHz	64QAM	26775	15RB#0	19.79	50	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.49	50	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.64	50	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.62	50	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.7	50	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.6	50	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.71	50	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.68	50	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.7	50	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.67	50	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.71	50	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.66	50	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.77	50	PASS
Band26	5MHz	16QAM	26715	1RB#0	21.82	50	PASS
Band26	5MHz	16QAM	26715	1RB#12	22.02	50	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.95	50	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.71	50	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.92	50	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.88	50	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.93	50	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.74	50	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.79	50	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.98	50	PASS
Band26	5MHz	16QAM	26765	1RB#24	22.03	50	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.77	50	PASS
Band26	5MHz	64QAM	26715	1RB#0	20.84	50	PASS
Band26	5MHz	64QAM	26715	1RB#12	20.91	50	PASS
Band26	5MHz	64QAM	26715	1RB#24	20.79	50	PASS
Band26	5MHz	64QAM	26715	25RB#0	19.73	50	PASS
Band26	5MHz	64QAM	26740	1RB#0	20.93	50	PASS
Band26	5MHz	64QAM	26740	1RB#12	20.84	50	PASS
Band26	5MHz	64QAM	26740	1RB#24	20.96	50	PASS
Band26	5MHz	64QAM	26740	25RB#0	19.76	50	PASS
Band26	5MHz	64QAM	26765	1RB#0	20.96	50	PASS
Band26	5MHz	64QAM	26765	1RB#12	20.9	50	PASS
Band26	5MHz	64QAM	26765	1RB#24	20.73	50	PASS

Band26	5MHz	64QAM	26765	25RB#0	19.83	50	PASS
Band26	10MHz	QPSK	26740	1RB#0	22.64	50	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.62	50	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.66	50	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.67	50	PASS
Band26	10MHz	16QAM	26740	1RB#0	21.91	50	PASS
Band26	10MHz	16QAM	26740	1RB#24	22.02	50	PASS
Band26	10MHz	16QAM	26740	1RB#49	22.11	50	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.74	50	PASS
Band26	10MHz	64QAM	26740	1RB#0	20.76	50	PASS
Band26	10MHz	64QAM	26740	1RB#24	20.86	50	PASS
Band26	10MHz	64QAM	26740	1RB#49	20.9	50	PASS
Band26	10MHz	64QAM	26740	50RB#0	19.71	50	PASS

Test on the worst case：

1.1.1 B26a_1.4MHz_ERP

Band: 26a / Bandwidth: 1.4MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	814.7	1	0	22.50	2.56	/	<=50.00	Pass
			2	22.52	2.56	/	<=50.00	Pass
			5	22.54	2.56	/	<=50.00	Pass
		3	0	22.55	2.56	/	<=50.00	Pass
			2	22.61	2.56	/	<=50.00	Pass
			3	22.54	2.56	/	<=50.00	Pass
		6	0	21.62	2.56	/	<=50.00	Pass
	819	1	0	22.50	2.56	/	<=50.00	Pass
			2	22.49	2.56	/	<=50.00	Pass
			5	22.48	2.56	/	<=50.00	Pass
		3	0	22.46	2.56	/	<=50.00	Pass
			2	22.55	2.56	/	<=50.00	Pass
			3	22.51	2.56	/	<=50.00	Pass
		6	0	21.62	2.56	/	<=50.00	Pass
	823.3	1	0	22.44	2.56	/	<=50.00	Pass
			2	22.53	2.56	/	<=50.00	Pass
			5	22.47	2.56	/	<=50.00	Pass
		3	0	22.43	2.56	/	<=50.00	Pass
			2	22.51	2.56	/	<=50.00	Pass
			3	22.48	2.56	/	<=50.00	Pass
		6	0	21.56	2.56	/	<=50.00	Pass
16QAM	814.7	1	0	21.62	2.56	/	<=50.00	Pass
			2	21.71	2.56	/	<=50.00	Pass
			5	21.75	2.56	/	<=50.00	Pass
		3	0	21.79	2.56	/	<=50.00	Pass
			2	21.74	2.56	/	<=50.00	Pass
			3	21.61	2.56	/	<=50.00	Pass
		6	0	20.67	2.56	/	<=50.00	Pass
	819	1	0	21.70	2.56	/	<=50.00	Pass
			2	21.59	2.56	/	<=50.00	Pass
			5	21.65	2.56	/	<=50.00	Pass
		3	0	21.52	2.56	/	<=50.00	Pass
			2	21.83	2.56	/	<=50.00	Pass
			3	21.70	2.56	/	<=50.00	Pass
		6	0	20.59	2.56	/	<=50.00	Pass

	823.3	1	0	21.65	2.56	/	<=50.00	Pass
			2	21.58	2.56	/	<=50.00	Pass
			5	21.64	2.56	/	<=50.00	Pass
		3	0	21.50	2.56	/	<=50.00	Pass
			2	21.82	2.56	/	<=50.00	Pass
			3	21.66	2.56	/	<=50.00	Pass
		6	0	20.59	2.56	/	<=50.00	Pass
64QAM	814.7	1	0	20.52	2.56	/	<=50.00	Pass
			2	20.78	2.56	/	<=50.00	Pass
			5	20.96	2.56	/	<=50.00	Pass
		3	0	20.60	2.56	/	<=50.00	Pass
			2	20.94	2.56	/	<=50.00	Pass
			3	20.61	2.56	/	<=50.00	Pass
		6	0	19.68	2.56	/	<=50.00	Pass
	819	1	0	20.92	2.56	/	<=50.00	Pass
			2	20.73	2.56	/	<=50.00	Pass
			5	20.97	2.56	/	<=50.00	Pass
		3	0	20.78	2.56	/	<=50.00	Pass
			2	20.88	2.56	/	<=50.00	Pass
			3	20.61	2.56	/	<=50.00	Pass
		6	0	19.82	2.56	/	<=50.00	Pass
	823.3	1	0	20.89	2.56	/	<=50.00	Pass
			2	20.46	2.56	/	<=50.00	Pass
			5	20.65	2.56	/	<=50.00	Pass
		3	0	20.52	2.56	/	<=50.00	Pass
			2	20.89	2.56	/	<=50.00	Pass
			3	20.82	2.56	/	<=50.00	Pass
		6	0	19.62	2.56	/	<=50.00	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.2 B26a_3MHz_ERP

Band: 26a / Bandwidth: 3MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	815.5	1	0	22.53	2.56	/	<=50.00	Pass
			7	22.66	2.56	/	<=50.00	Pass
			14	22.62	2.56	/	<=50.00	Pass
		8	0	21.61	2.56	/	<=50.00	Pass
			4	21.70	2.56	/	<=50.00	Pass
			7	21.65	2.56	/	<=50.00	Pass
		15	0	21.69	2.56	/	<=50.00	Pass

	819	1	0	22.56	2.56	/	<=50.00	Pass
			7	22.65	2.56	/	<=50.00	Pass
			14	22.59	2.56	/	<=50.00	Pass
		8	0	21.58	2.56	/	<=50.00	Pass
			4	21.69	2.56	/	<=50.00	Pass
			7	21.65	2.56	/	<=50.00	Pass
		15	0	21.64	2.56	/	<=50.00	Pass
	822.5	1	0	22.59	2.56	/	<=50.00	Pass
			7	22.60	2.56	/	<=50.00	Pass
			14	22.60	2.56	/	<=50.00	Pass
		8	0	21.57	2.56	/	<=50.00	Pass
			4	21.68	2.56	/	<=50.00	Pass
			7	21.66	2.56	/	<=50.00	Pass
		15	0	21.65	2.56	/	<=50.00	Pass
16QAM	815.5	1	0	21.66	2.56	/	<=50.00	Pass
			7	21.84	2.56	/	<=50.00	Pass
			14	22.17	2.56	/	<=50.00	Pass
		8	0	20.71	2.56	/	<=50.00	Pass
			4	20.71	2.56	/	<=50.00	Pass
			7	20.84	2.56	/	<=50.00	Pass
		15	0	20.76	2.56	/	<=50.00	Pass
	819	1	0	21.70	2.56	/	<=50.00	Pass
			7	21.79	2.56	/	<=50.00	Pass
			14	22.15	2.56	/	<=50.00	Pass
		8	0	20.67	2.56	/	<=50.00	Pass
			4	20.70	2.56	/	<=50.00	Pass
			7	20.81	2.56	/	<=50.00	Pass
		15	0	20.74	2.56	/	<=50.00	Pass
	822.5	1	0	21.70	2.56	/	<=50.00	Pass
			7	21.78	2.56	/	<=50.00	Pass
			14	22.18	2.56	/	<=50.00	Pass
		8	0	20.65	2.56	/	<=50.00	Pass
			4	20.71	2.56	/	<=50.00	Pass
			7	20.81	2.56	/	<=50.00	Pass
		15	0	20.70	2.56	/	<=50.00	Pass
64QAM	815.5	1	0	20.69	2.56	/	<=50.00	Pass
			7	20.93	2.56	/	<=50.00	Pass
			14	20.54	2.56	/	<=50.00	Pass
		8	0	19.57	2.56	/	<=50.00	Pass
			4	19.91	2.56	/	<=50.00	Pass
			7	19.68	2.56	/	<=50.00	Pass
		15	0	19.87	2.56	/	<=50.00	Pass
	819	1	0	20.71	2.56	/	<=50.00	Pass

			7	20.86	2.56	/	<=50.00	Pass
			14	20.54	2.56	/	<=50.00	Pass
		8	0	19.56	2.56	/	<=50.00	Pass
			4	19.84	2.56	/	<=50.00	Pass
			7	19.66	2.56	/	<=50.00	Pass
		15	0	19.87	2.56	/	<=50.00	Pass
	822.5	1	0	20.75	2.56	/	<=50.00	Pass
			7	20.84	2.56	/	<=50.00	Pass
			14	20.55	2.56	/	<=50.00	Pass
		8	0	19.55	2.56	/	<=50.00	Pass
			4	19.87	2.56	/	<=50.00	Pass
			7	19.68	2.56	/	<=50.00	Pass
		15	0	19.80	2.56	/	<=50.00	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.3 B26a_5MHz_ERP

Band: 26a / Bandwidth: 5MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	816.5	1	0	22.48	2.56	/	<=50.00	Pass
			13	22.67	2.56	/	<=50.00	Pass
			24	22.55	2.56	/	<=50.00	Pass
		12	0	21.58	2.56	/	<=50.00	Pass
			6	21.72	2.56	/	<=50.00	Pass
			13	21.64	2.56	/	<=50.00	Pass
		25	0	21.67	2.56	/	<=50.00	Pass
	819	1	0	22.58	2.56	/	<=50.00	Pass
			13	22.72	2.56	/	<=50.00	Pass
			24	22.60	2.56	/	<=50.00	Pass
		12	0	21.57	2.56	/	<=50.00	Pass
			6	21.71	2.56	/	<=50.00	Pass
			13	21.62	2.56	/	<=50.00	Pass
		25	0	21.67	2.56	/	<=50.00	Pass
	821.5	1	0	22.59	2.56	/	<=50.00	Pass
			13	22.70	2.56	/	<=50.00	Pass
			24	22.59	2.56	/	<=50.00	Pass
		12	0	21.57	2.56	/	<=50.00	Pass
			6	21.71	2.56	/	<=50.00	Pass
			13	21.64	2.56	/	<=50.00	Pass
		25	0	21.64	2.56	/	<=50.00	Pass
16QAM	816.5	1	0	21.70	2.56	/	<=50.00	Pass

			13	21.98	2.56	/	<=50.00	Pass
			24	21.53	2.56	/	<=50.00	Pass
		12	0	20.60	2.56	/	<=50.00	Pass
			6	20.77	2.56	/	<=50.00	Pass
			13	20.69	2.56	/	<=50.00	Pass
		25	0	20.70	2.56	/	<=50.00	Pass
	819	1	0	21.79	2.56	/	<=50.00	Pass
			13	21.98	2.56	/	<=50.00	Pass
			24	21.55	2.56	/	<=50.00	Pass
		12	0	20.57	2.56	/	<=50.00	Pass
			6	20.74	2.56	/	<=50.00	Pass
			13	20.69	2.56	/	<=50.00	Pass
		25	0	20.65	2.56	/	<=50.00	Pass
	821.5	1	0	21.78	2.56	/	<=50.00	Pass
			13	21.98	2.56	/	<=50.00	Pass
			24	21.57	2.56	/	<=50.00	Pass
		12	0	20.55	2.56	/	<=50.00	Pass
			6	20.74	2.56	/	<=50.00	Pass
			13	20.70	2.56	/	<=50.00	Pass
		25	0	20.67	2.56	/	<=50.00	Pass
64QAM	816.5	1	0	20.71	2.56	/	<=50.00	Pass
			13	20.77	2.56	/	<=50.00	Pass
			24	20.81	2.56	/	<=50.00	Pass
		12	0	19.63	2.56	/	<=50.00	Pass
			6	19.68	2.56	/	<=50.00	Pass
			13	19.80	2.56	/	<=50.00	Pass
		25	0	19.73	2.56	/	<=50.00	Pass
	819	1	0	20.83	2.56	/	<=50.00	Pass
			13	20.71	2.56	/	<=50.00	Pass
			24	20.86	2.56	/	<=50.00	Pass
		12	0	19.63	2.56	/	<=50.00	Pass
			6	19.72	2.56	/	<=50.00	Pass
			13	19.78	2.56	/	<=50.00	Pass
		25	0	19.74	2.56	/	<=50.00	Pass
	821.5	1	0	20.86	2.56	/	<=50.00	Pass
			13	20.75	2.56	/	<=50.00	Pass
			24	20.85	2.56	/	<=50.00	Pass
		12	0	19.62	2.56	/	<=50.00	Pass
			6	19.67	2.56	/	<=50.00	Pass
			13	19.75	2.56	/	<=50.00	Pass
		25	0	19.71	2.56	/	<=50.00	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

1.1.4 B26a_10MHz_ERP

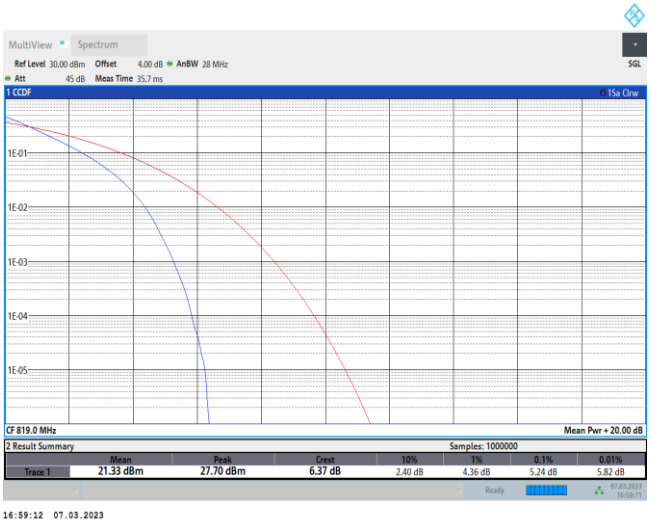
Band: 26a / Bandwidth: 10MHz / NTNV								
Modulation	Frequency (MHz)	RB Allocation		Conducted Power (dBm)	Gain (dBi)	ERP (dBm)		Verdict
		Size	Offset			Result	Limit	
QPSK	819	1	0	22.57	2.56	/	<=50.00	Pass
			25	22.57	2.56	/	<=50.00	Pass
			49	22.56	2.56	/	<=50.00	Pass
		25	0	21.48	2.56	/	<=50.00	Pass
			13	21.67	2.56	/	<=50.00	Pass
			25	21.55	2.56	/	<=50.00	Pass
		50	0	21.57	2.56	/	<=50.00	Pass
16QAM	819	1	0	22.19	2.56	/	<=50.00	Pass
			25	21.70	2.56	/	<=50.00	Pass
			49	21.76	2.56	/	<=50.00	Pass
		25	0	20.61	2.56	/	<=50.00	Pass
			13	20.80	2.56	/	<=50.00	Pass
			25	20.59	2.56	/	<=50.00	Pass
		50	0	20.63	2.56	/	<=50.00	Pass
64QAM	819	1	0	20.53	2.56	/	<=50.00	Pass
			25	20.74	2.56	/	<=50.00	Pass
			49	20.82	2.56	/	<=50.00	Pass
		25	0	19.61	2.56	/	<=50.00	Pass
			13	19.82	2.56	/	<=50.00	Pass
			25	19.64	2.56	/	<=50.00	Pass
		50	0	19.70	2.56	/	<=50.00	Pass
Note1: ERP=Conducted Power+Antenna Gain-2.15								

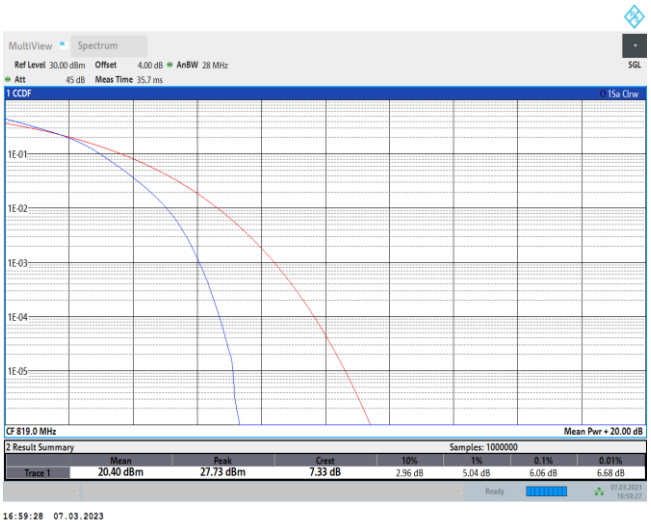
Peak-to-Average Ratio(CCDF)

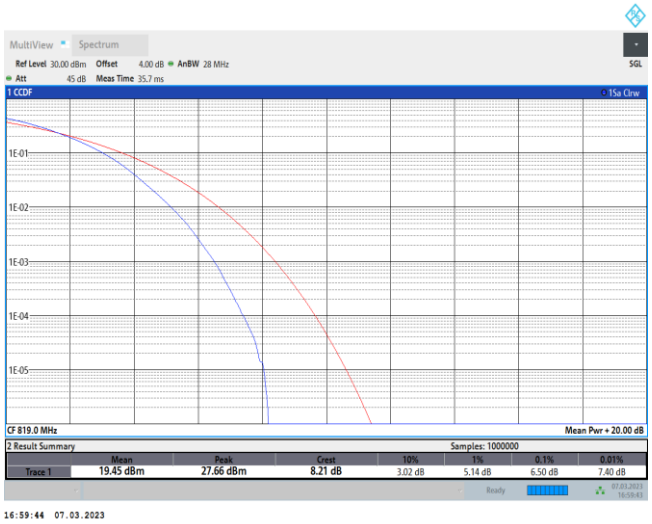
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	5.24	13	PASS
Band26	10MHz	16QAM	26740	50RB#0	6.06	13	PASS
Band26	10MHz	64QAM	26740	50RB#0	6.50	13	PASS

Test Graphs

Band26-10MHz-QPSK-26740-50RB#0


Band26-10MHz-16QAM-26740-50RB#0


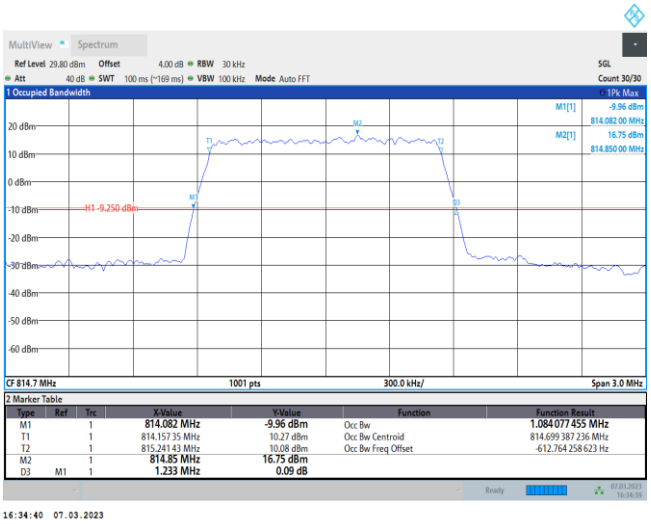
Band26-10MHz-64QAM-26740-50RB#0


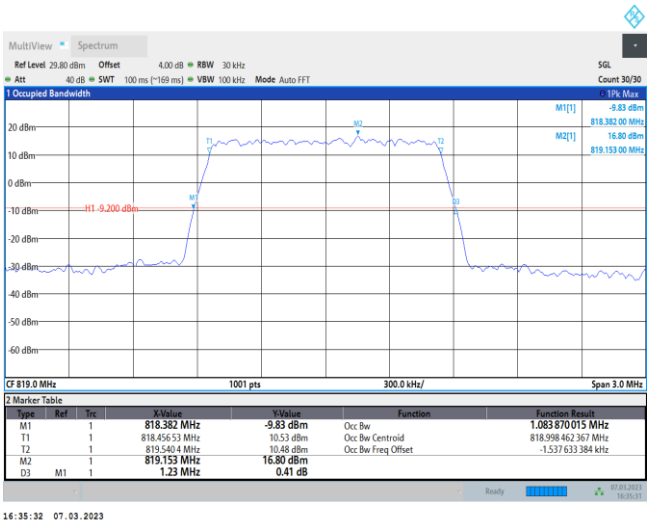
26dB Bandwidth and Occupied Bandwidth

Test Result

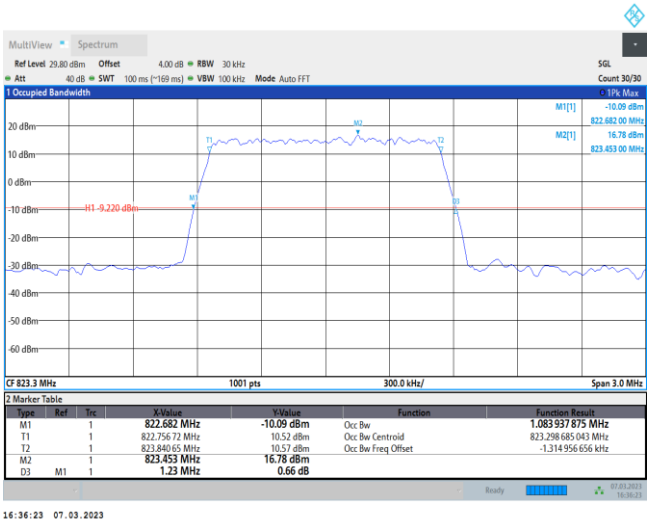
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band26	1.4MHz	QPSK	26697	6RB#0	1.084	1.23	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	1.084	1.23	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	1.084	1.23	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	1.091	1.24	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	1.091	1.25	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	1.092	1.24	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	1.09	1.24	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	1.09	1.24	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	1.091	1.24	PASS
Band26	3MHz	QPSK	26705	15RB#0	2.691	2.98	PASS
Band26	3MHz	QPSK	26740	15RB#0	2.692	2.97	PASS
Band26	3MHz	QPSK	26775	15RB#0	2.691	2.99	PASS
Band26	3MHz	16QAM	26705	15RB#0	2.686	2.98	PASS
Band26	3MHz	16QAM	26740	15RB#0	2.685	2.98	PASS
Band26	3MHz	16QAM	26775	15RB#0	2.686	2.98	PASS
Band26	3MHz	64QAM	26705	15RB#0	2.688	2.96	PASS
Band26	3MHz	64QAM	26740	15RB#0	2.687	2.96	PASS
Band26	3MHz	64QAM	26775	15RB#0	2.686	2.98	PASS
Band26	5MHz	QPSK	26715	25RB#0	4.465	4.88	PASS
Band26	5MHz	QPSK	26740	25RB#0	4.468	4.87	PASS
Band26	5MHz	QPSK	26765	25RB#0	4.47	4.89	PASS
Band26	5MHz	16QAM	26715	25RB#0	4.463	4.87	PASS
Band26	5MHz	16QAM	26740	25RB#0	4.468	4.89	PASS
Band26	5MHz	16QAM	26765	25RB#0	4.469	4.89	PASS
Band26	5MHz	64QAM	26715	25RB#0	4.47	4.90	PASS
Band26	5MHz	64QAM	26740	25RB#0	4.482	4.90	PASS
Band26	5MHz	64QAM	26765	25RB#0	4.477	4.88	PASS
Band26	10MHz	QPSK	26740	50RB#0	8.916	9.64	PASS
Band26	10MHz	16QAM	26740	50RB#0	8.897	9.62	PASS
Band26	10MHz	64QAM	26740	50RB#0	8.913	9.64	PASS

Test Graphs

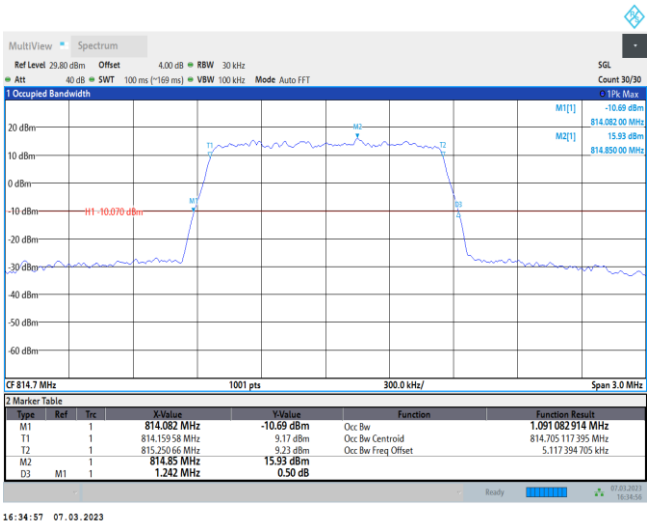
Band26-1.4MHz-QPSK-26697-6RB#0


Band26-1.4MHz-QPSK-26740-6RB#0


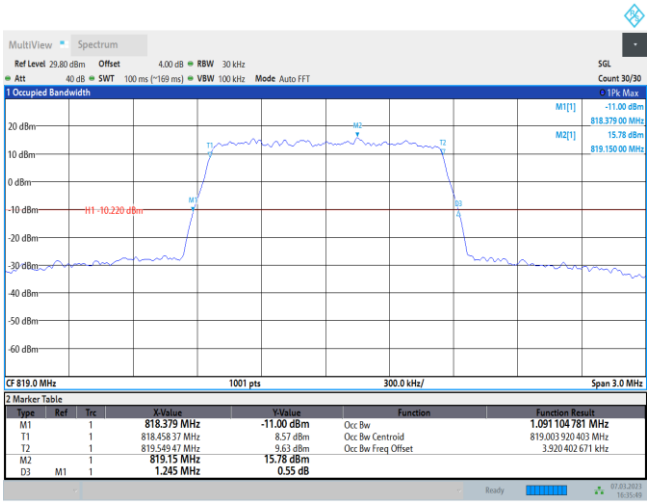
Band26-1.4MHz-QPSK-26783-6RB#0



Band26-1.4MHz-16QAM-26697-6RB#0



Band26-1.4MHz-16QAM-26740-6RB#0



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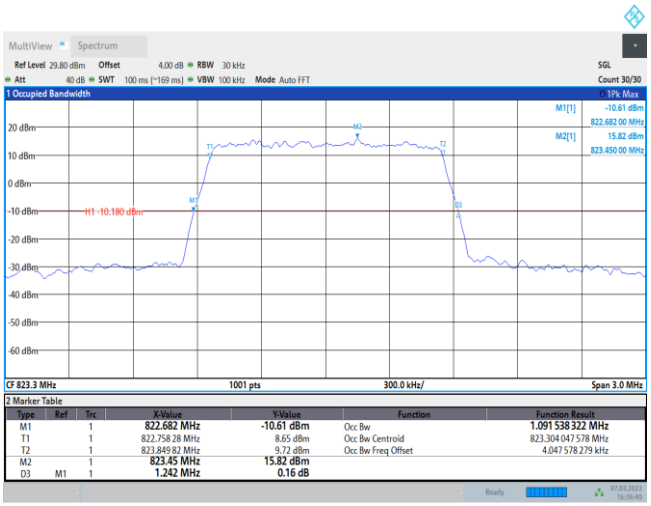
Band26-1.4MHz-16QAM-26783-6RB#0



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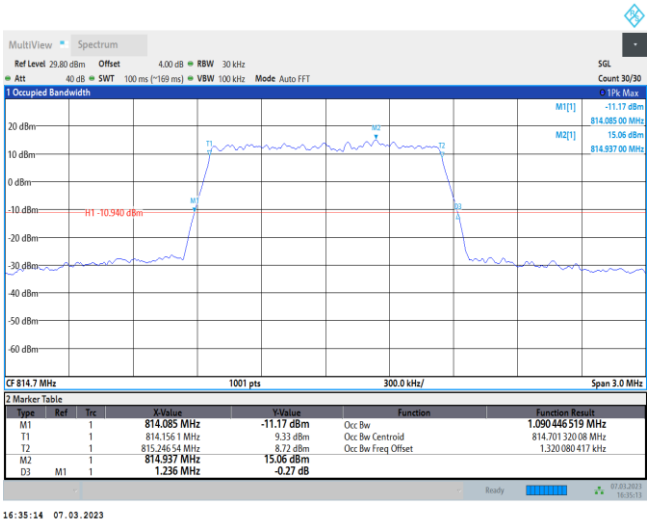
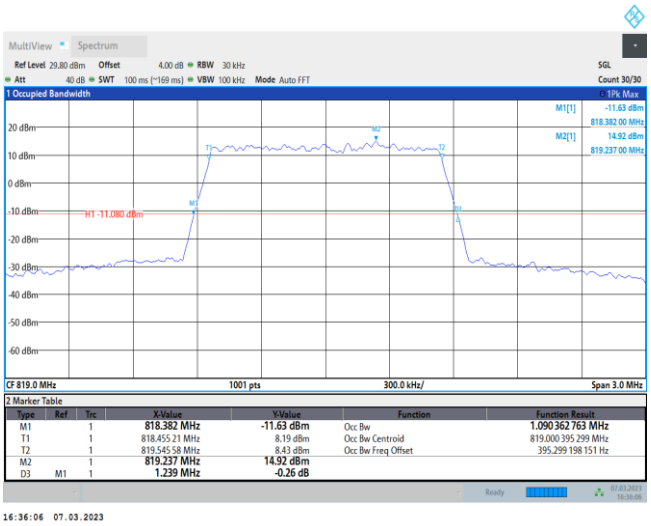
Band26-1.4MHz-64QAM-26697-6RB#0



Band26-1.4MHz-64QAM-26740-6RB#0



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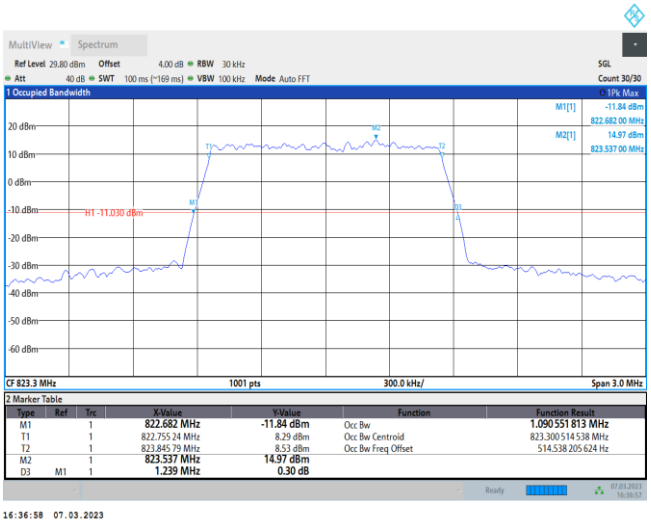

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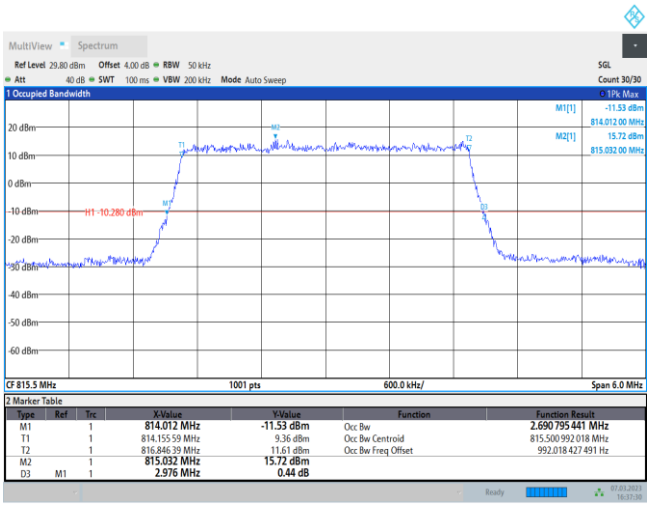
Band26-3MHz-QPSK-26705-15RB#0



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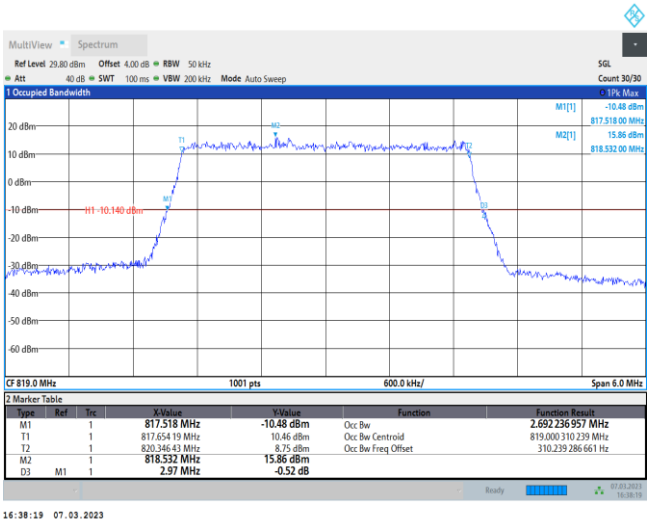
Band26-3MHz-QPSK-26740-15RB#0



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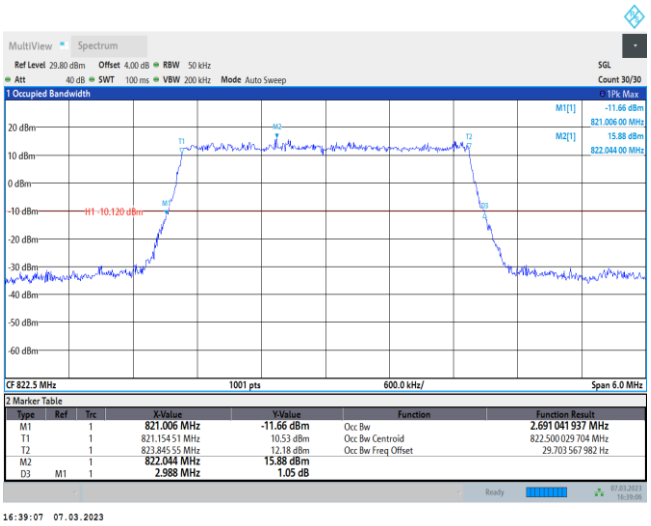

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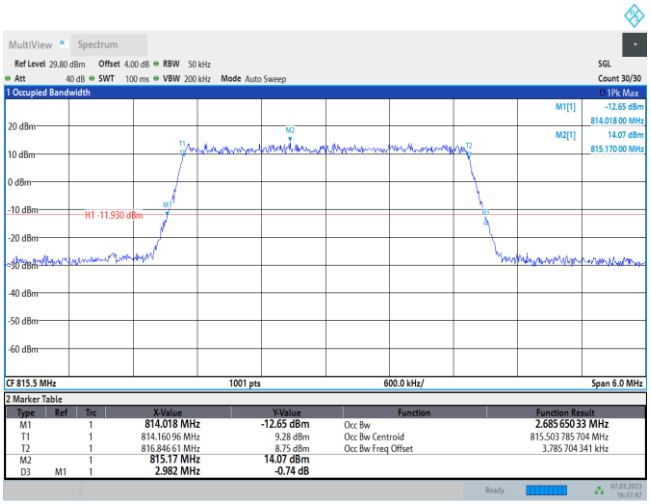

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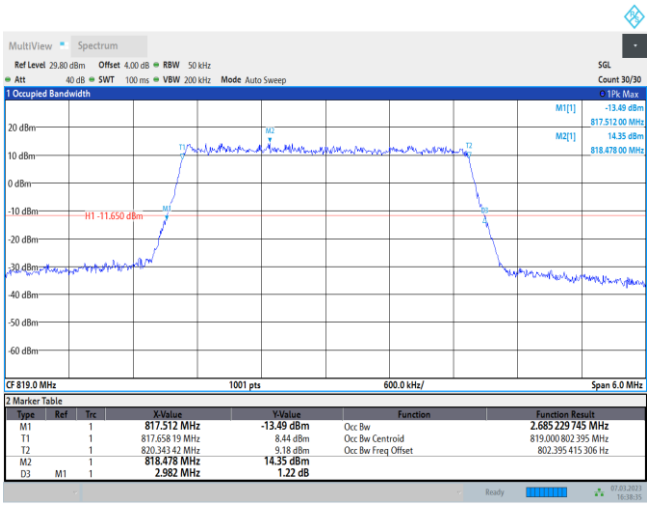

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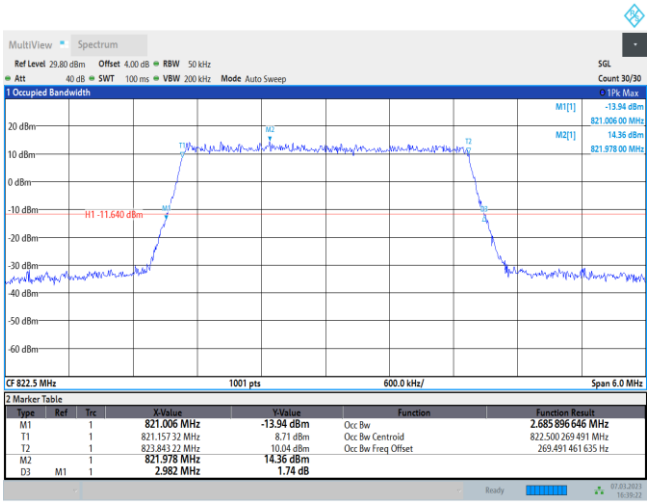

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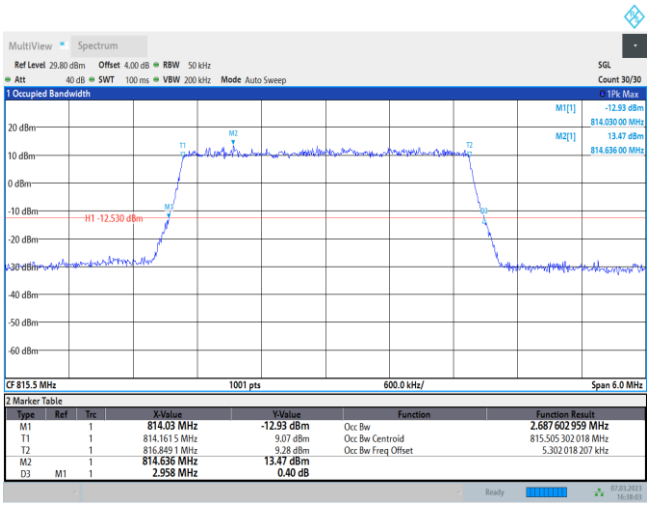

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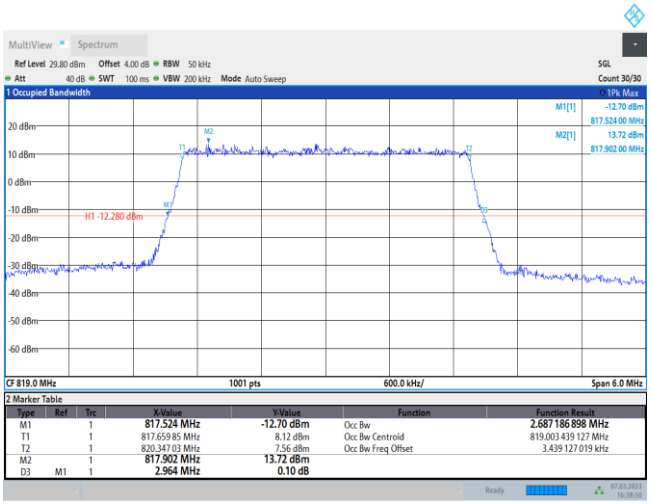

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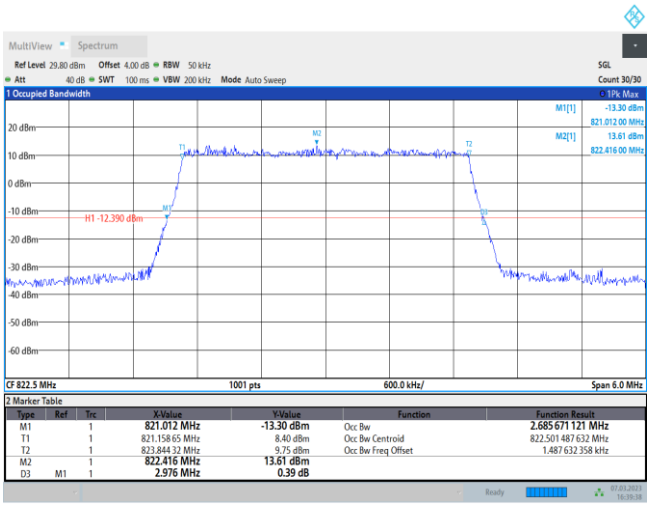
Band26-3MHz-64QAM-26775-15RB#0



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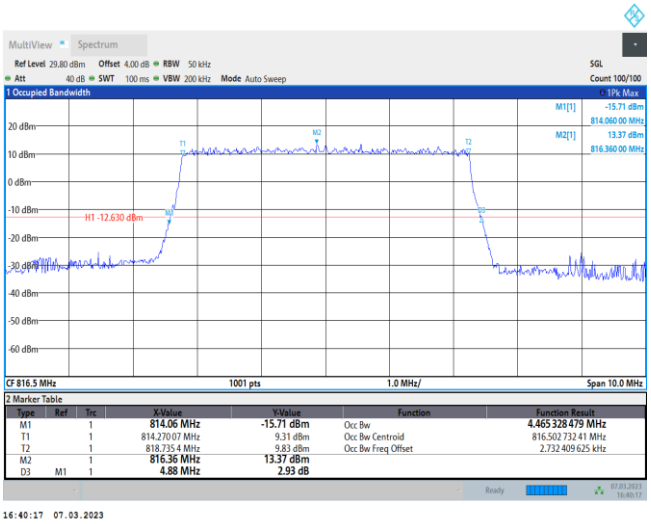
Band26-5MHz-QPSK-26715-25RB#0



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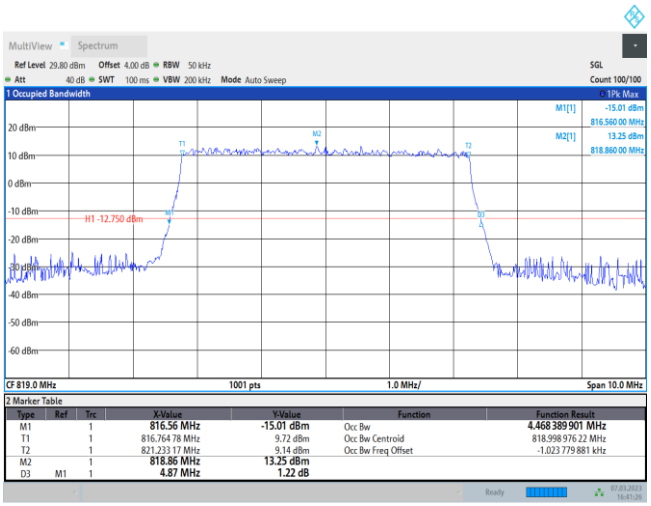
Band26-5MHz-QPSK-26740-25RB#0



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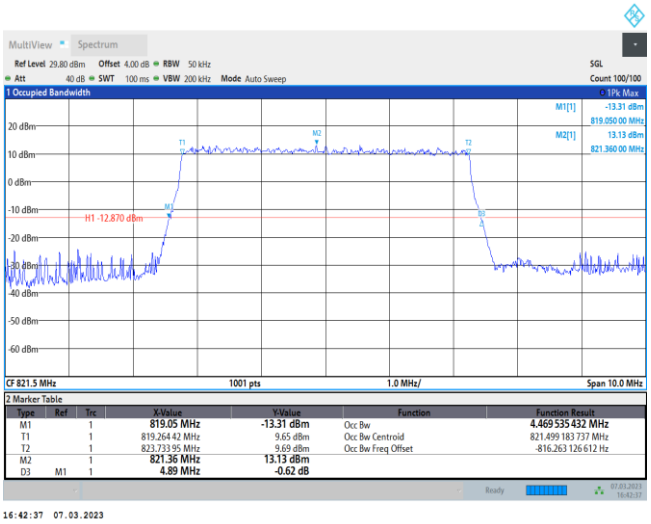
Band26-5MHz-QPSK-26765-25RB#0



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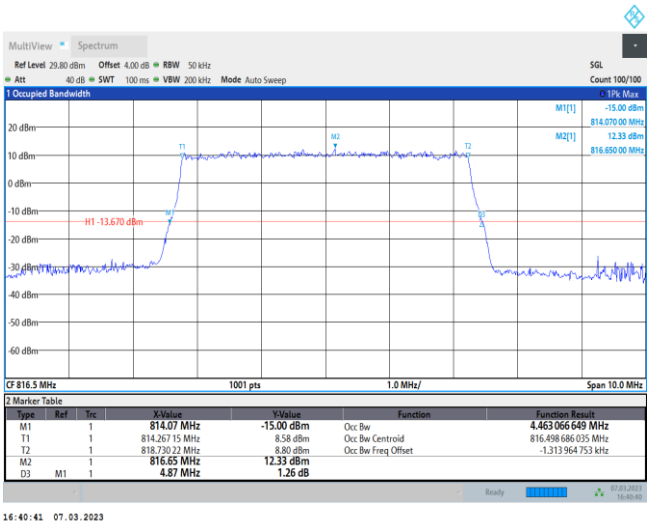
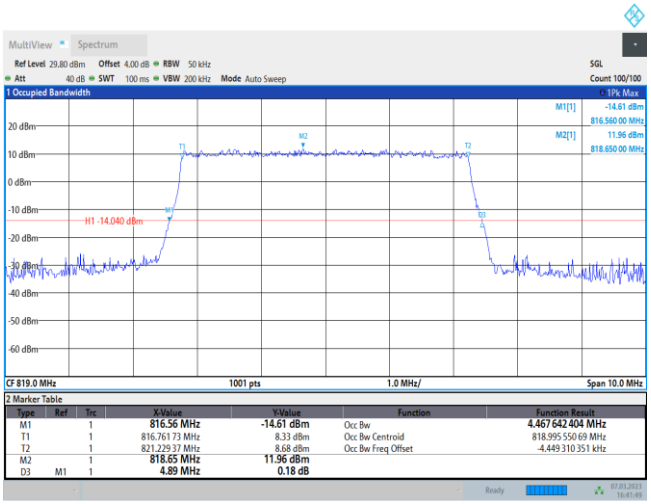


Band26-5MHz-16QAM-26740-25RB#0



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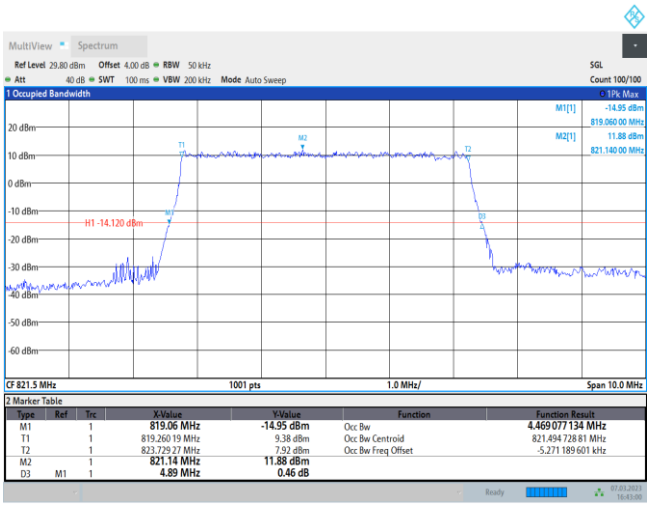

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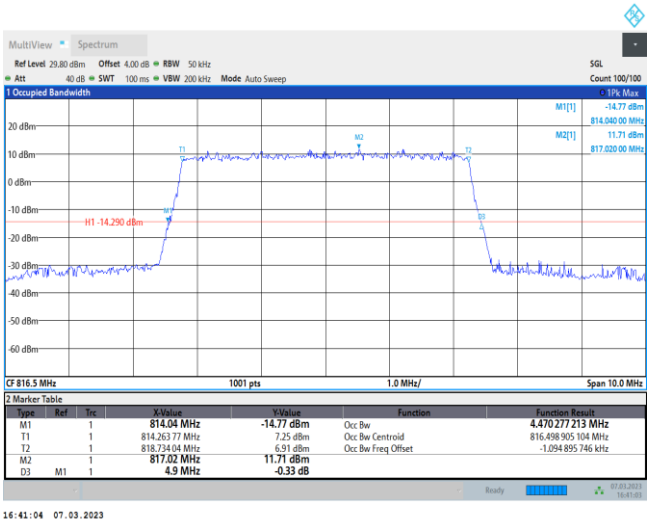

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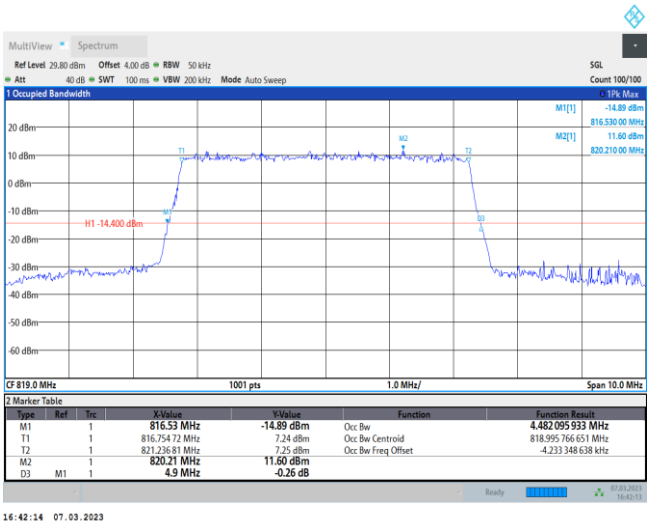
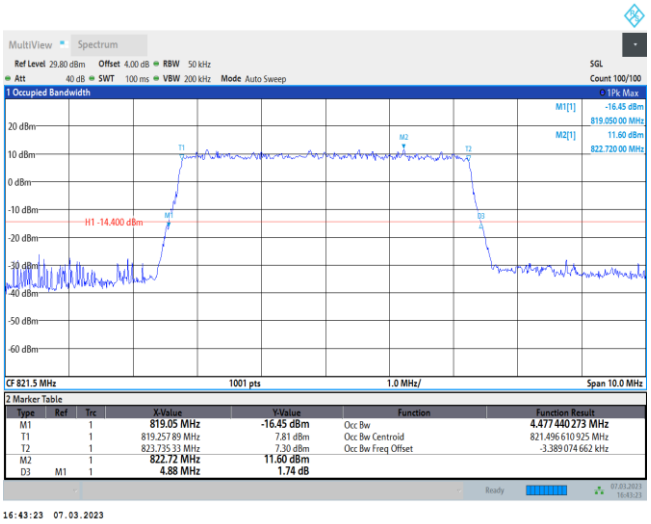


Band26-5MHz-64QAM-26765-25RB#0



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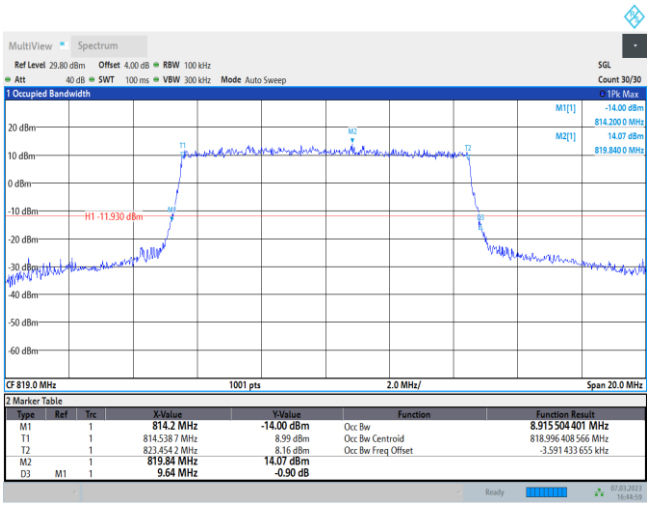
Band26-10MHz-QPSK-26740-50RB#0



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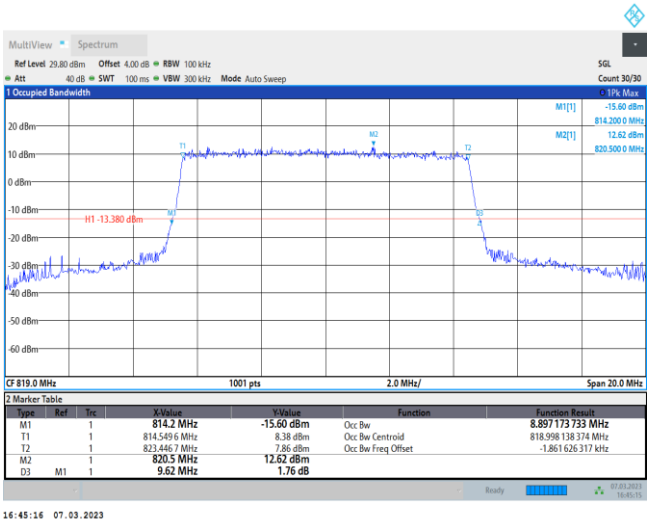
Band26-10MHz-16QAM-26740-50RB#0



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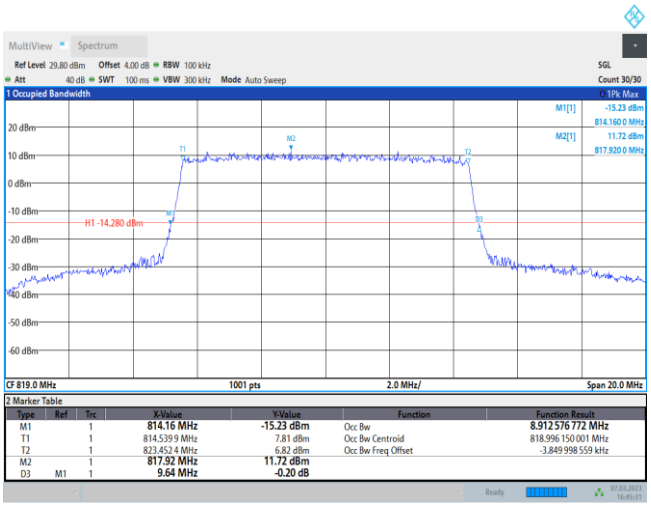
Band26-10MHz-64QAM-26740-50RB#0



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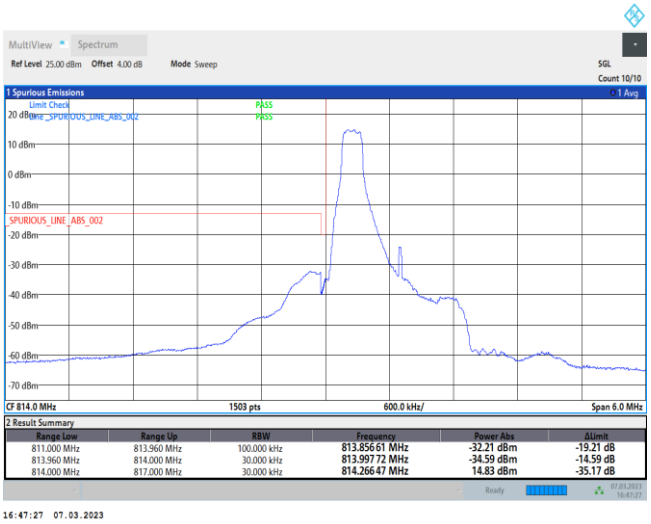
Band Edge

Test Graphs

Band26-1.4MHz-QPSK-26697-1RB#0


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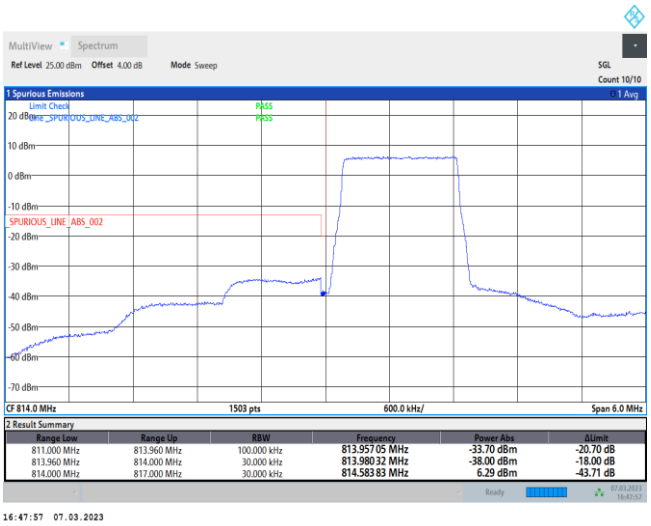

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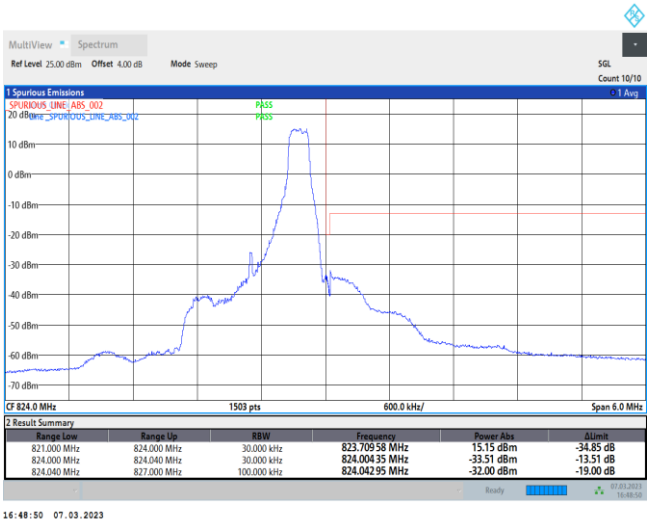

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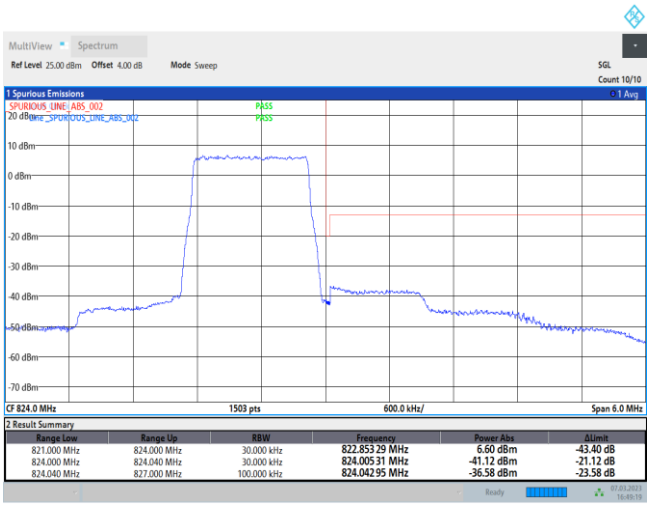

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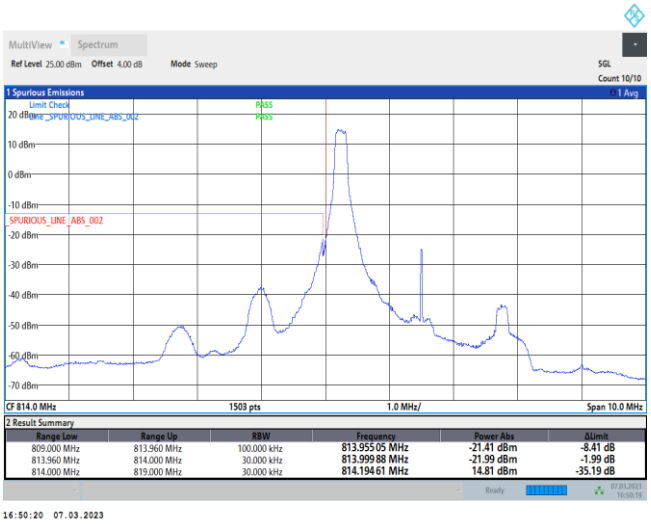
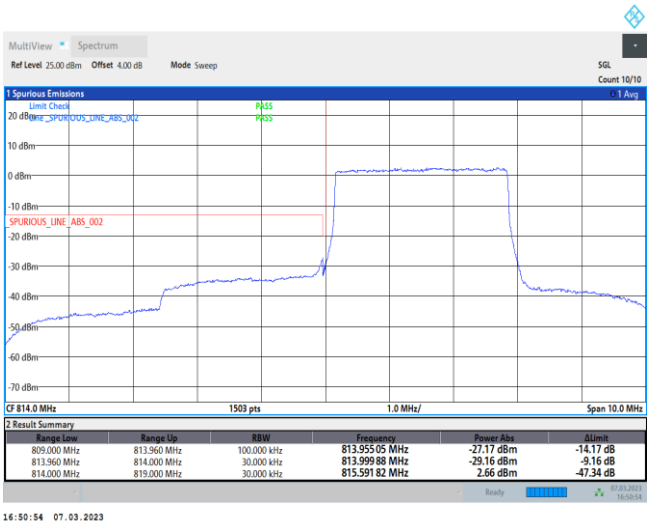
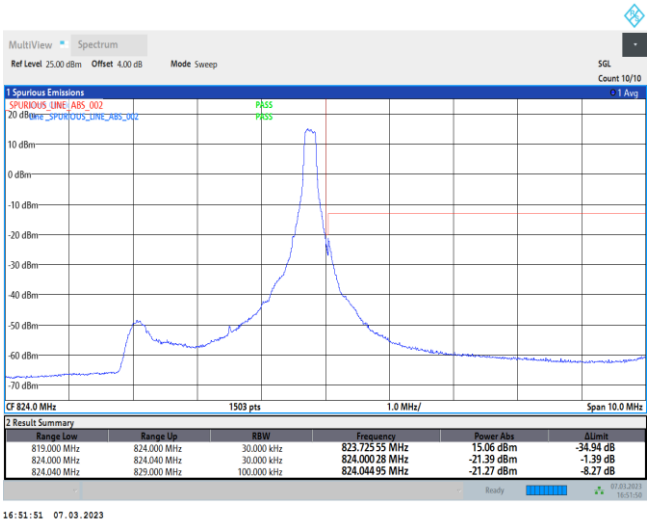
Band26-3MHz-QPSK-26705-1RB#0



Band26-3MHz-QPSK-26705-15RB#0



Band26-3MHz-QPSK-26775-1RB#14



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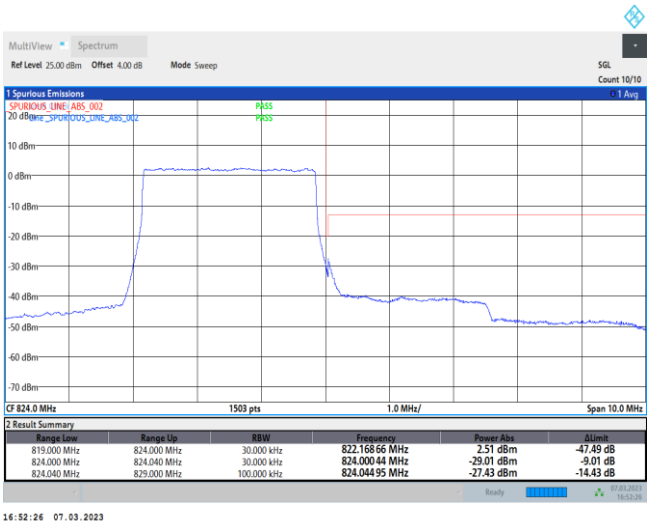
Band26-3MHz-QPSK-26775-15RB#0



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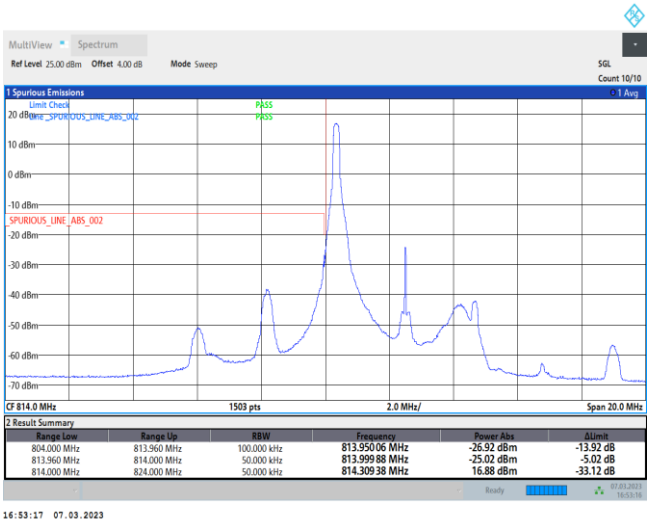
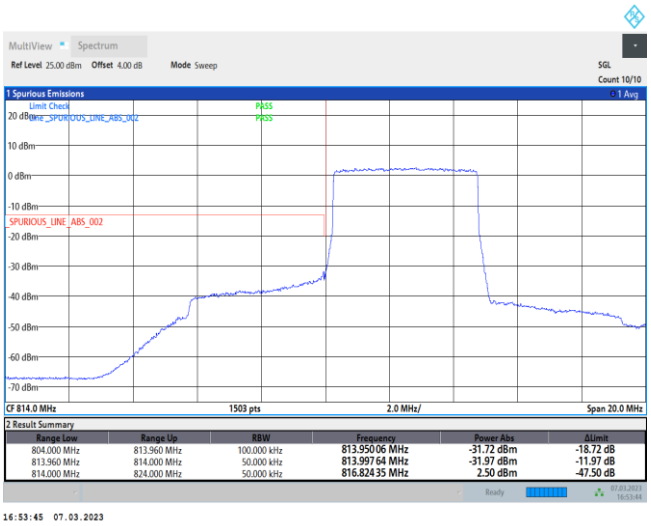


Band26-5MHz-QPSK-26715-25RB#0



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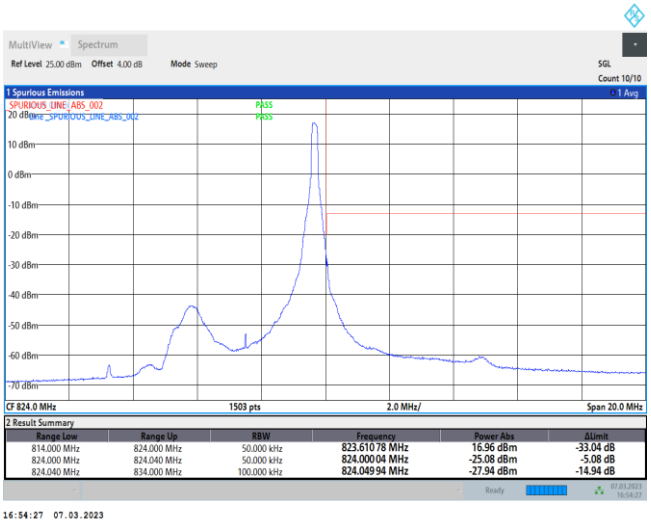

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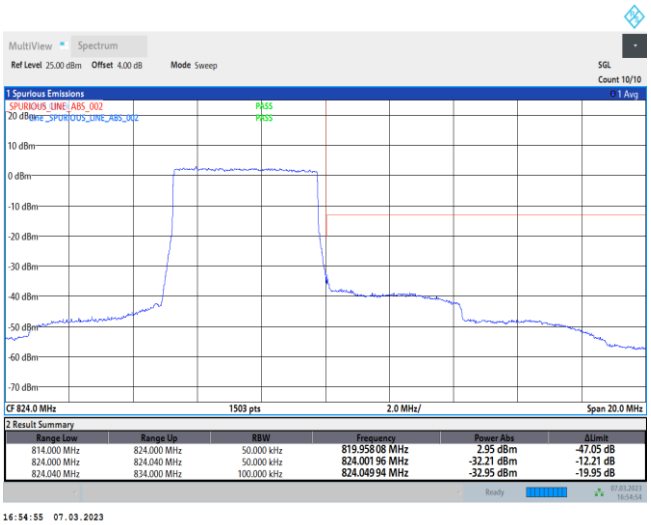
Band26-5MHz-QPSK-26765-25RB#0



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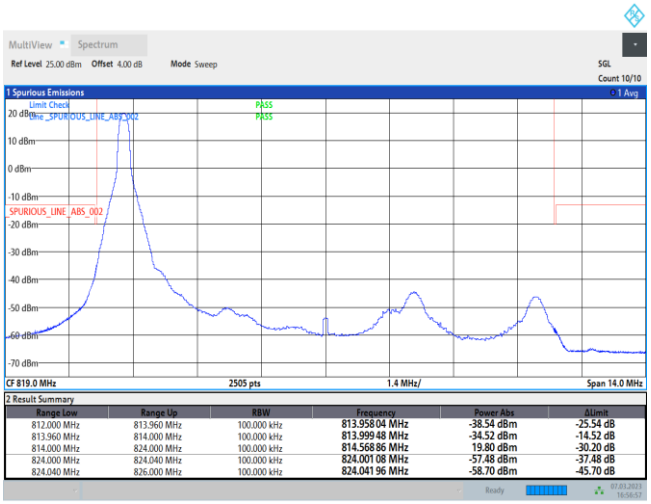
Band26-10MHz-QPSK-26740-1RB#0



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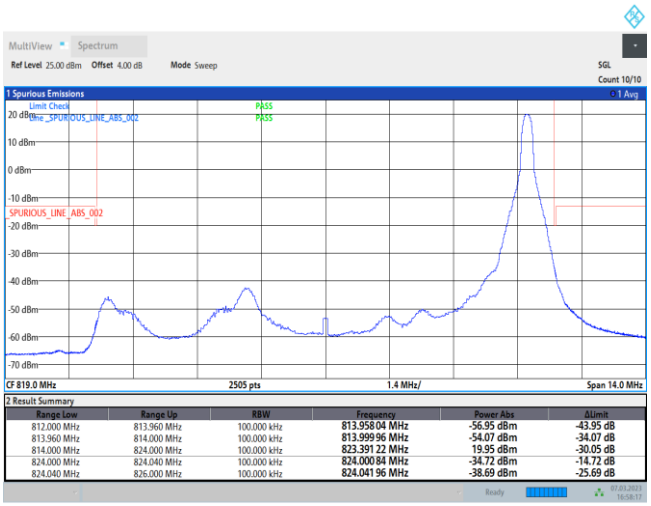
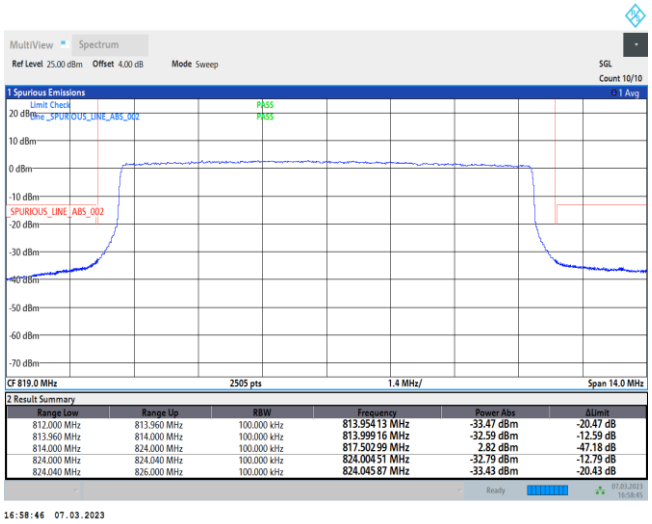
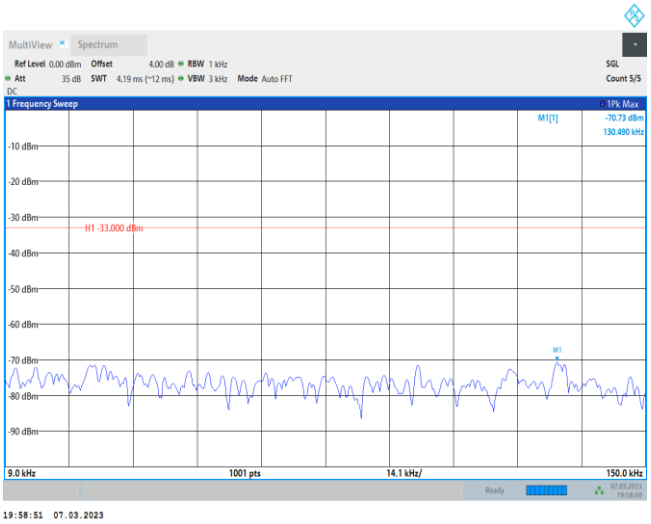


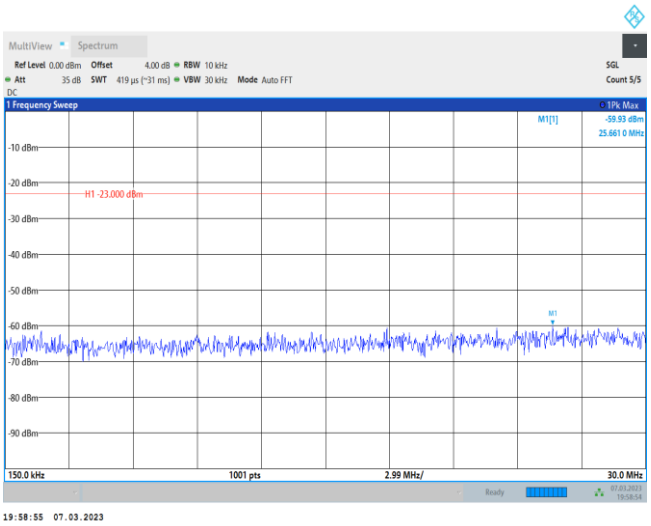
Band26-10MHz-QPSK-26740-50RB#0

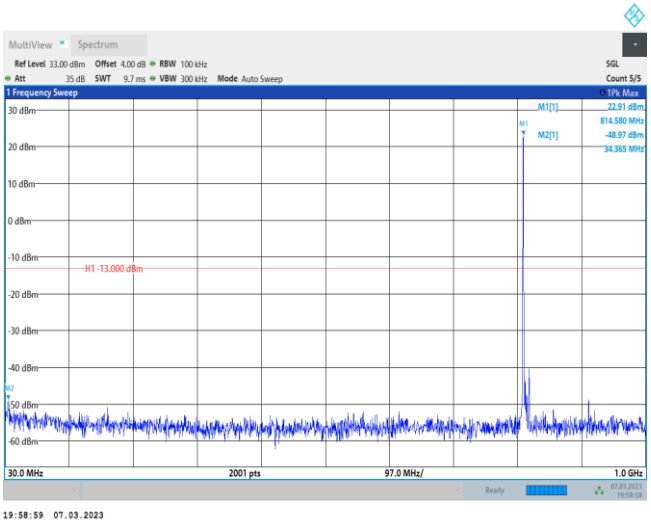


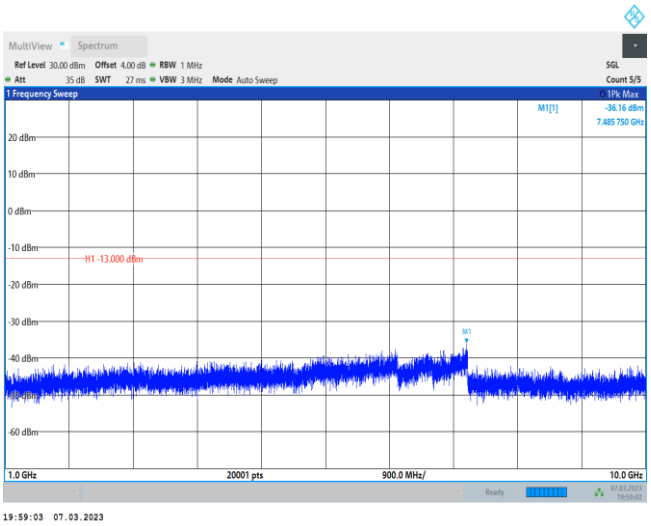
Conducted Spurious Emission

Test Graphs

Band26-10MHz-QPSK-26740-1RB#0-Range1:0.009~0.15MHz


Band26-10MHz-QPSK-26740-1RB#0-Range2:0.15~30MHz


Band26-10MHz-QPSK-26740-1RB#0-Range3:30~1000MHz


Band26-10MHz-QPSK-26740-1RB#0-Range4:1000~10000MHz


Field Strength of Spurious Radiation

Test Band = LTE Band 26 BW 10M_ TM1
Test Channel = Mid Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1629.18	45.11	-48.44	25.59	-73.00	-13.00	60.00	254	65	Horizontal
2	2443.77	43.39	-47.22	27.79	-71.30	-13.00	58.30	142	17	Horizontal
3	3258.36	43.06	-46.18	29.50	-68.88	-13.00	55.88	263	127	Horizontal
4	4072.95	41.87	-45.43	30.72	-68.11	-13.00	55.11	224	33	Horizontal
5	4887.54	39.98	-45.08	32.33	-68.03	-13.00	55.03	142	174	Horizontal
6	5702.13	40.07	-43.56	33.25	-65.50	-13.00	52.50	255	1	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1629.18	43.69	-48.44	25.59	-74.42	-13.00	61.42	142	3	Vertical
2	2443.77	44.20	-47.22	27.79	-70.49	-13.00	57.49	265	173	Vertical
3	3258.36	42.45	-46.18	29.50	-69.49	-13.00	56.49	284	190	Vertical
4	4072.95	41.32	-45.43	30.72	-68.66	-13.00	55.66	142	31	Vertical
5	4887.54	40.09	-45.08	32.33	-67.92	-13.00	54.92	263	108	Vertical
6	5702.13	40.12	-43.56	33.25	-65.45	-13.00	52.45	224	15	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	VL	NT	-4.80	-0.005861	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VN	NT	-7.10	-0.008669	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	VH	NT	-5.90	-0.007204	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band26	10MHz	QPSK	26740	50RB#0	NV	-30	-6.40	-0.007814	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-20	-3.60	-0.004396	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	-10	-7.20	-0.008791	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	0	-6.80	-0.008303	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	10	-2.70	-0.003297	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	20	-8.20	-0.010012	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	30	-5.80	-0.007082	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	40	-4.00	-0.004884	±2.5	PASS
Band26	10MHz	QPSK	26740	50RB#0	NV	50	-0.40	-0.000488	±2.5	PASS

---End of Attachment---