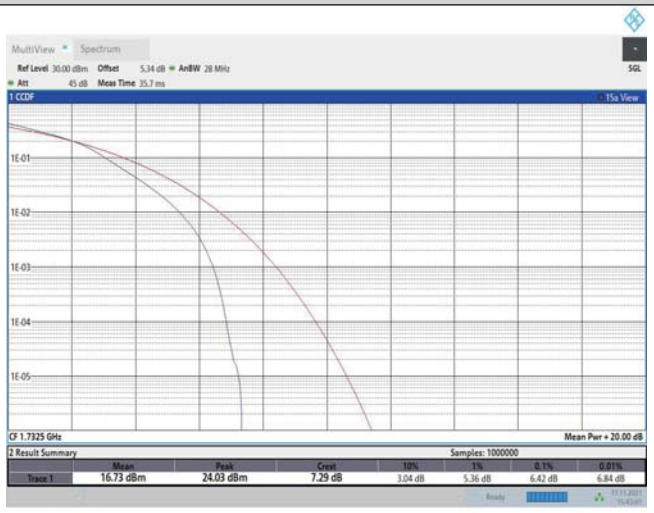
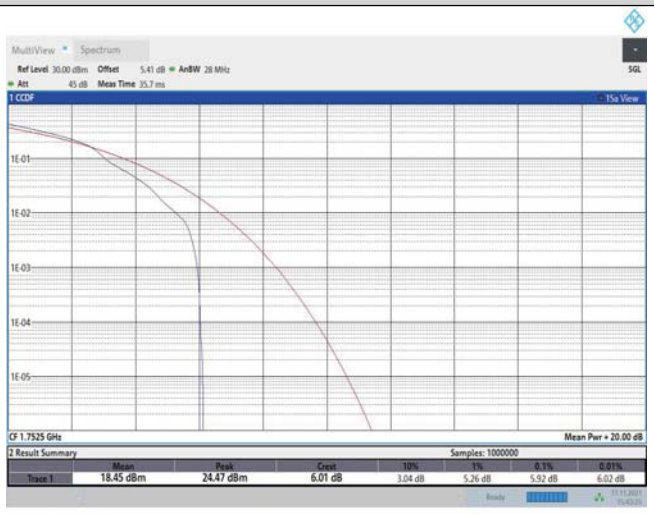
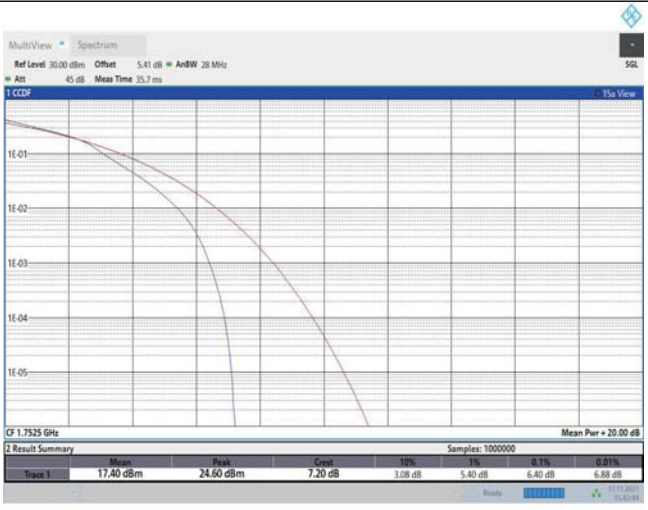
Band4-5MHz-16QAM-20175-25RB#0



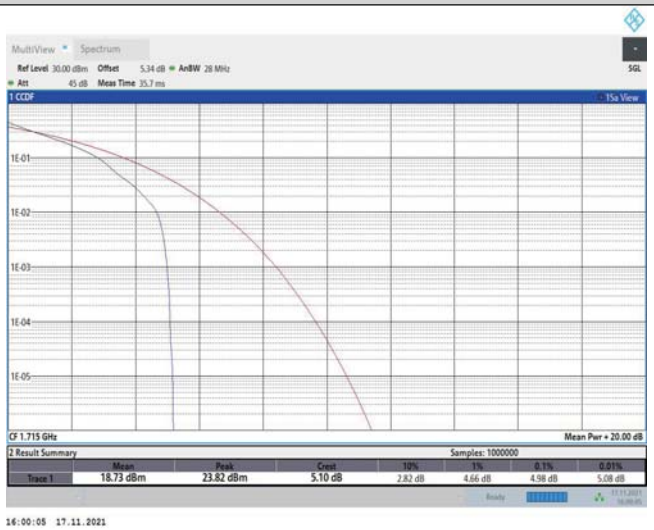
Band4-5MHz-16QAM-20375-1RB#0



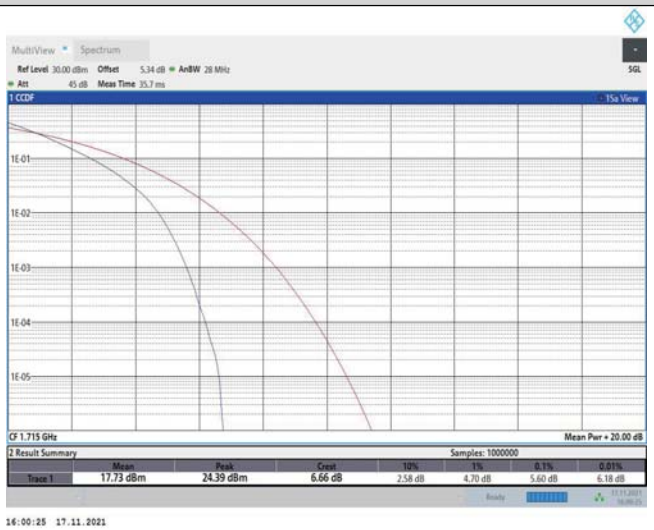
Band4-5MHz-16QAM-20375-25RB#0



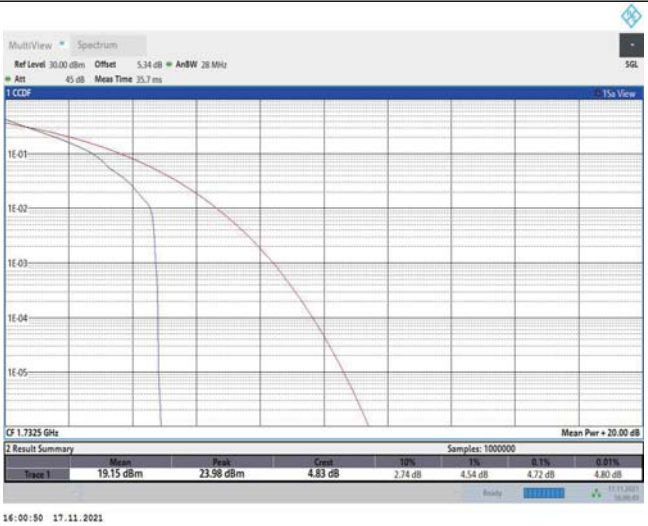
Band4-10MHz-QPSK-20000-1RB#0



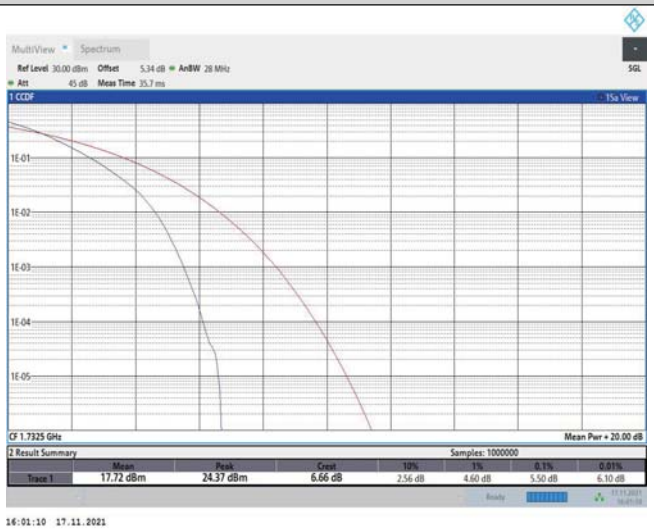
Band4-10MHz-QPSK-20000-50RB#0



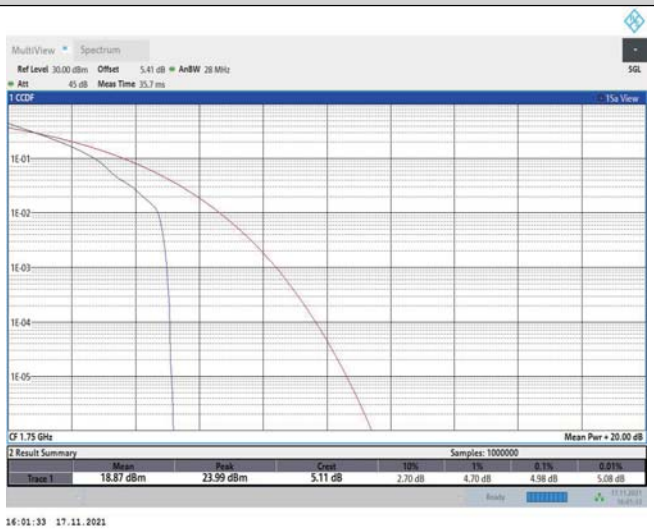
Band4-10MHz-QPSK-20175-1RB#0



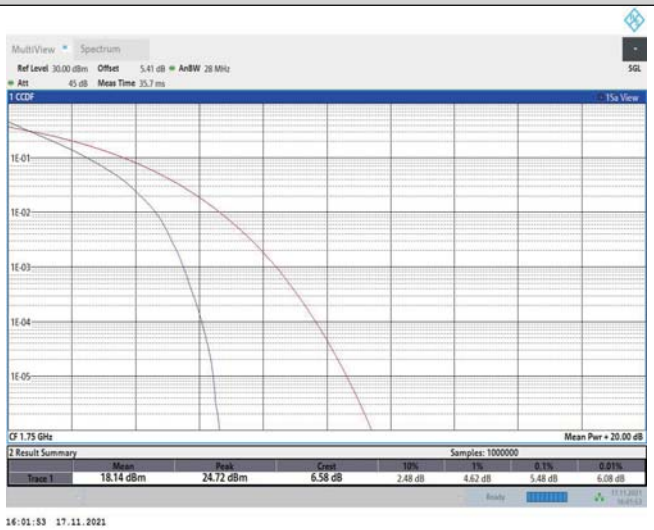
Band4-10MHz-QPSK-20175-50RB#0



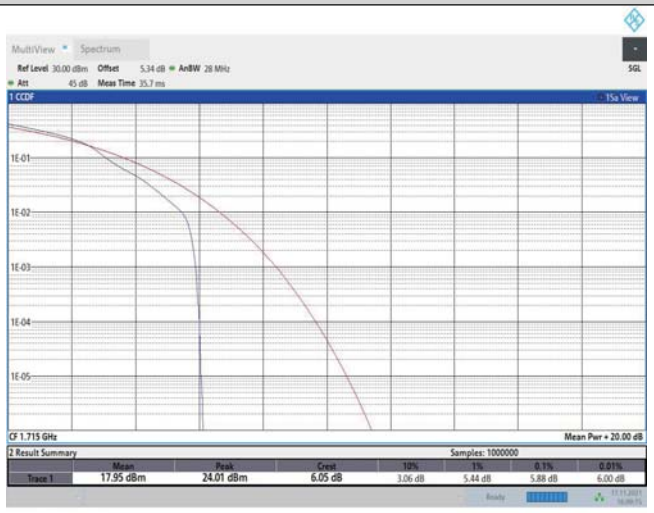
Band4-10MHz-QPSK-20350-1RB#0



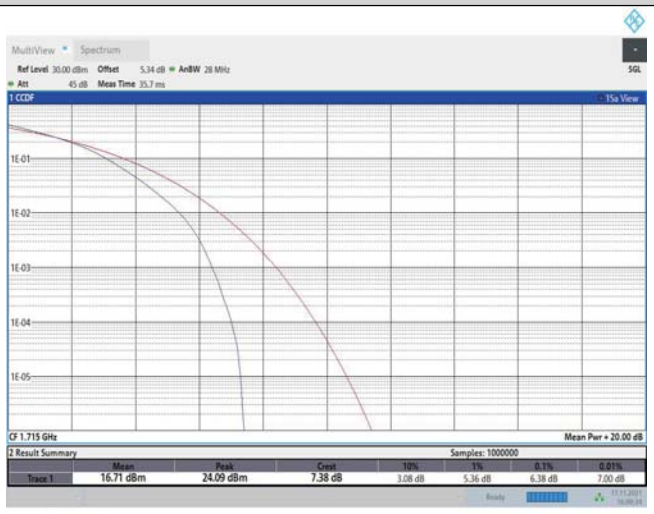
Band4-10MHz-QPSK-20350-50RB#0



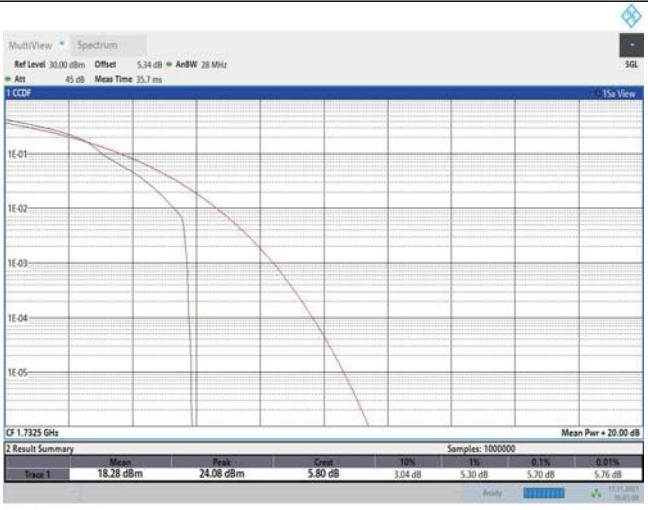
Band4-10MHz-16QAM-20000-1RB#0



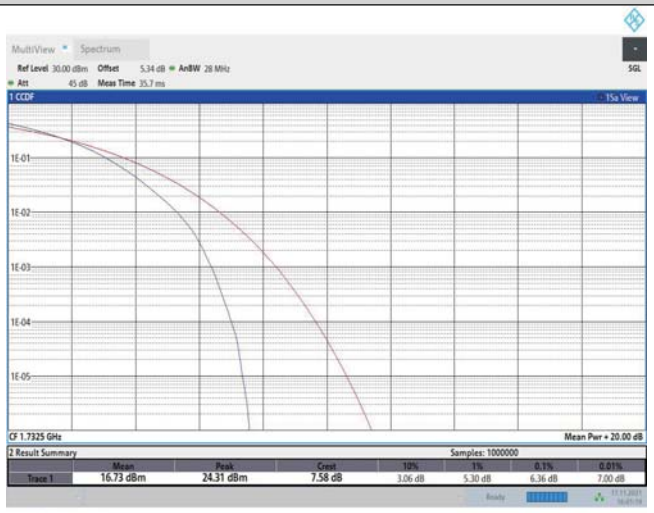
Band4-10MHz-16QAM-20000-50RB#0



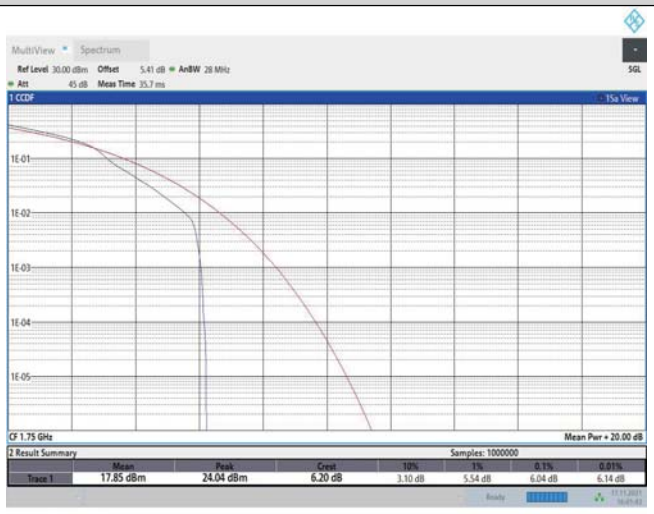
Band4-10MHz-16QAM-20175-1RB#0



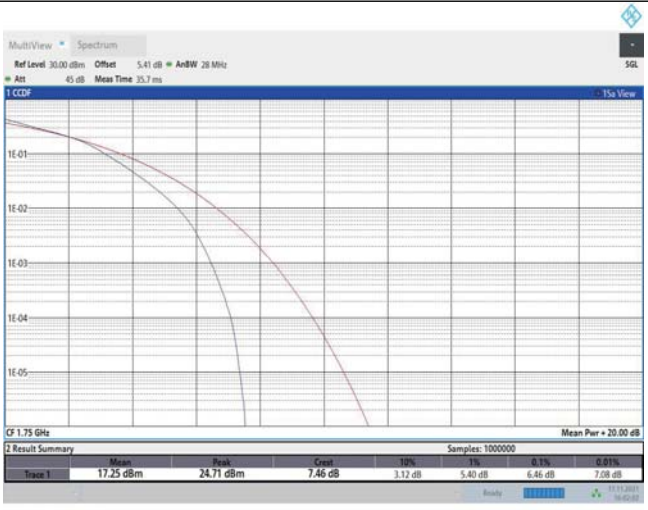
Band4-10MHz-16QAM-20175-50RB#0



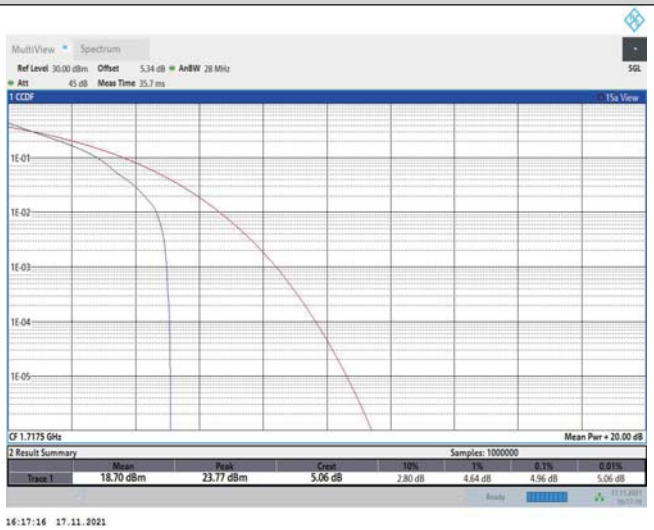
Band4-10MHz-16QAM-20350-1RB#0



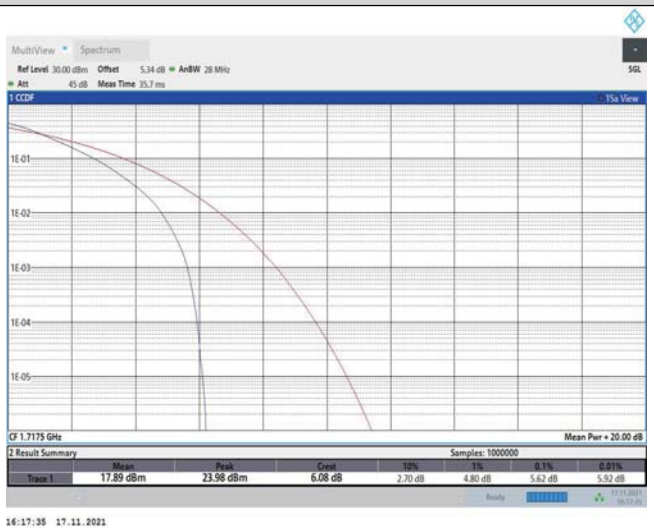
Band4-10MHz-16QAM-20350-50RB#0



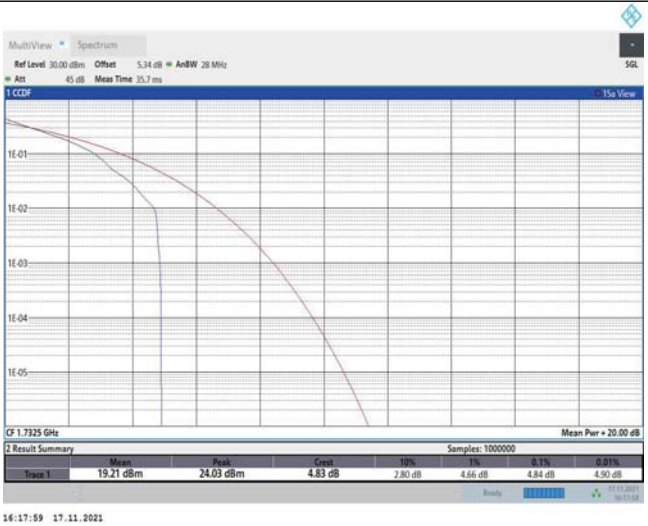
Band4-15MHz-QPSK-20025-1RB#0



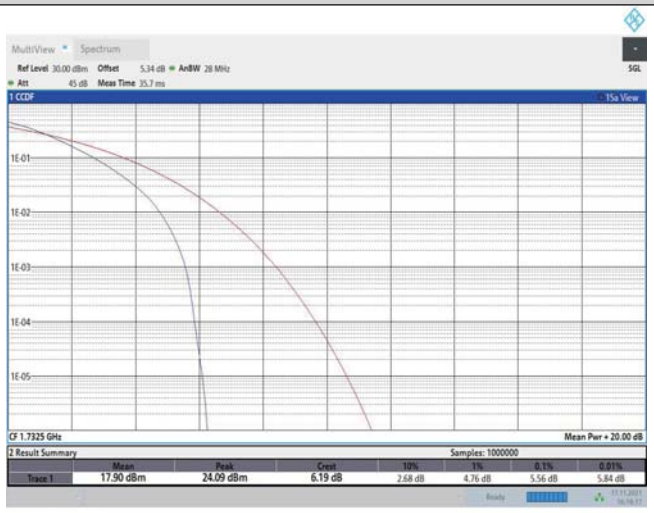
Band4-15MHz-QPSK-20025-75RB#0



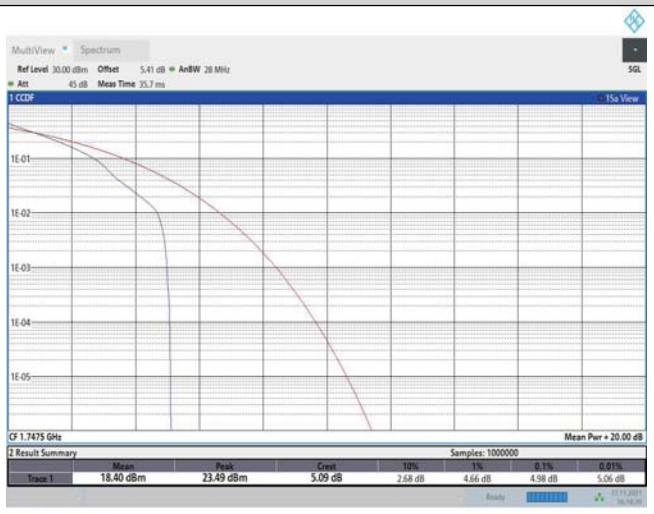
Band4-15MHz-QPSK-20175-1RB#0



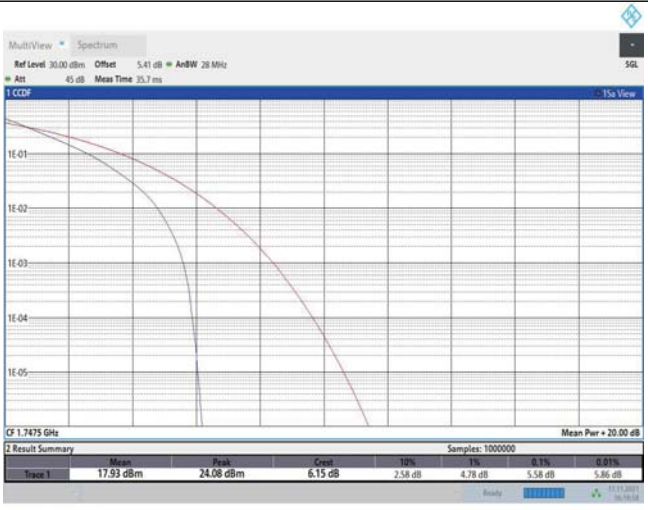
Band4-15MHz-QPSK-20175-75RB#0



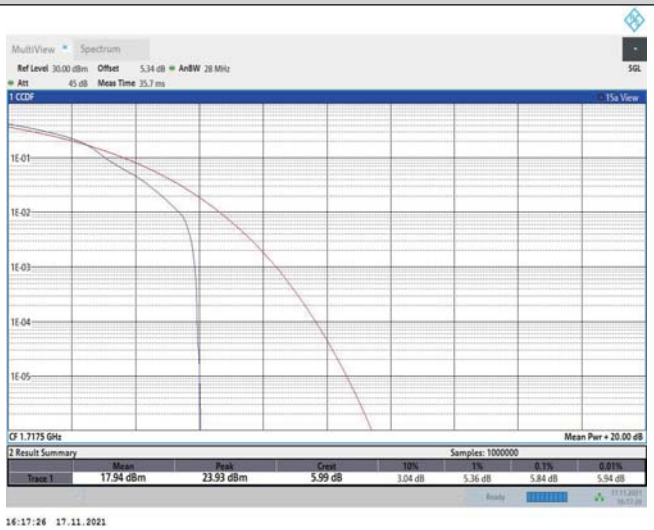
Band4-15MHz-QPSK-20325-1RB#0



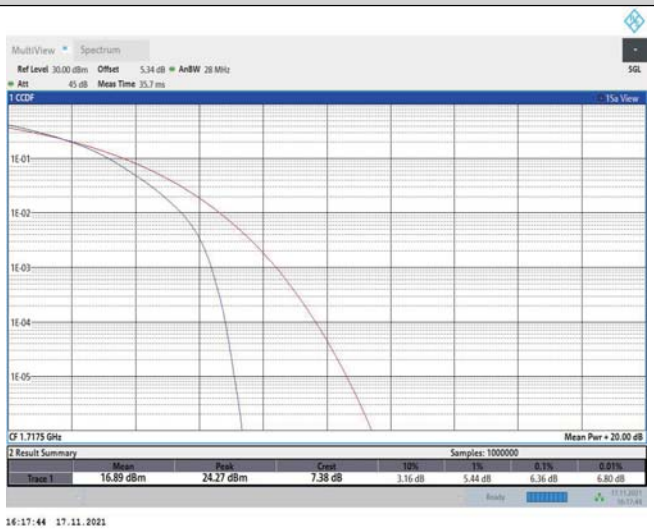
Band4-15MHz-QPSK-20325-75RB#0



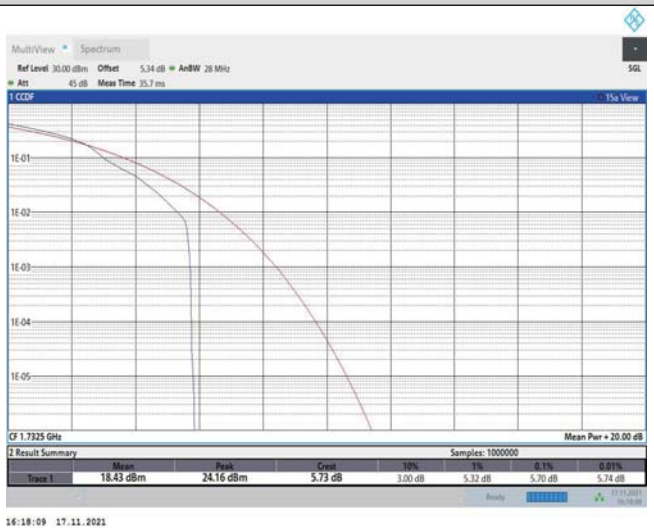
Band4-15MHz-16QAM-20025-1RB#0



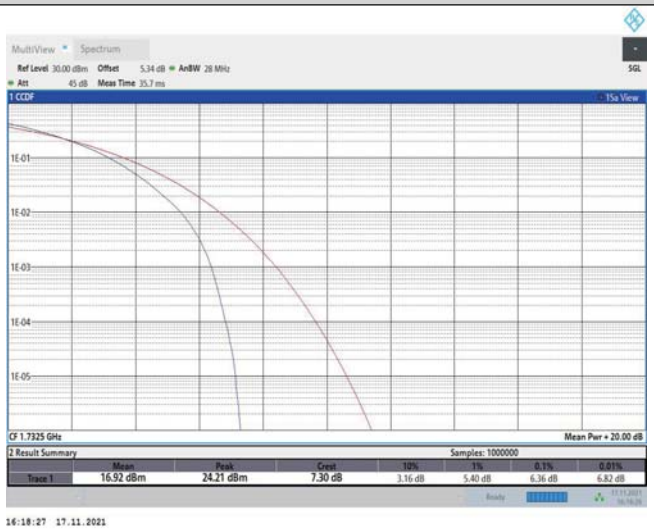
Band4-15MHz-16QAM-20025-75RB#0



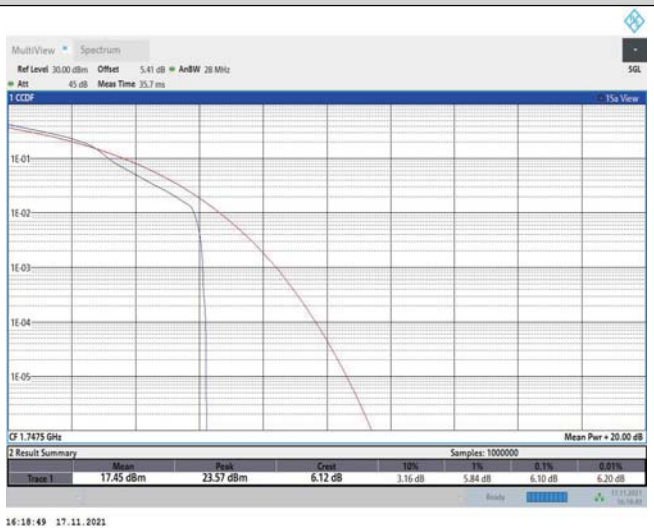
Band4-15MHz-16QAM-20175-1RB#0



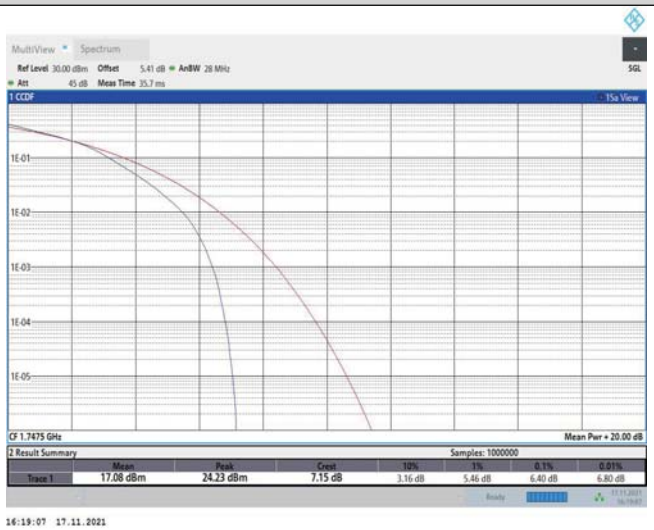
Band4-15MHz-16QAM-20175-75RB#0



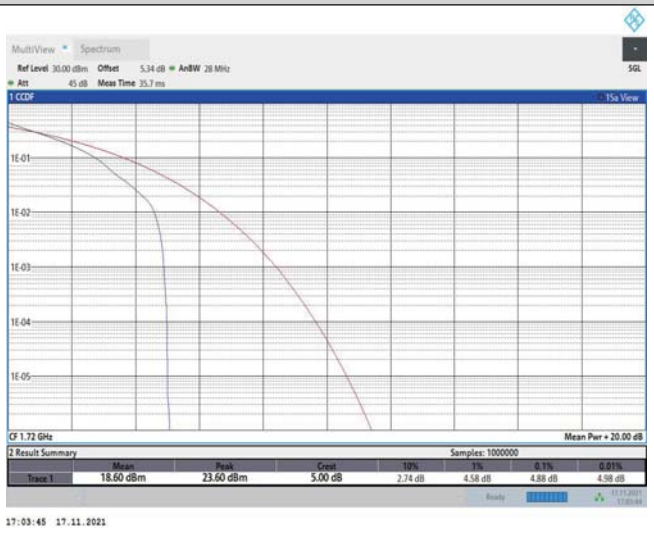
Band4-15MHz-16QAM-20325-1RB#0



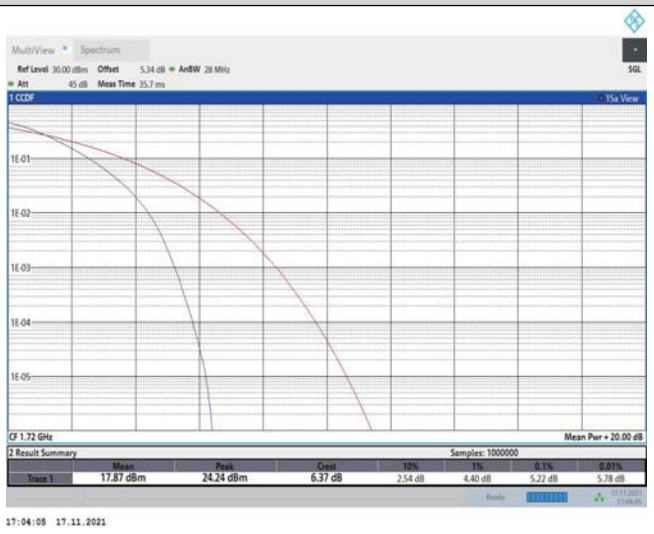
Band4-15MHz-16QAM-20325-75RB#0



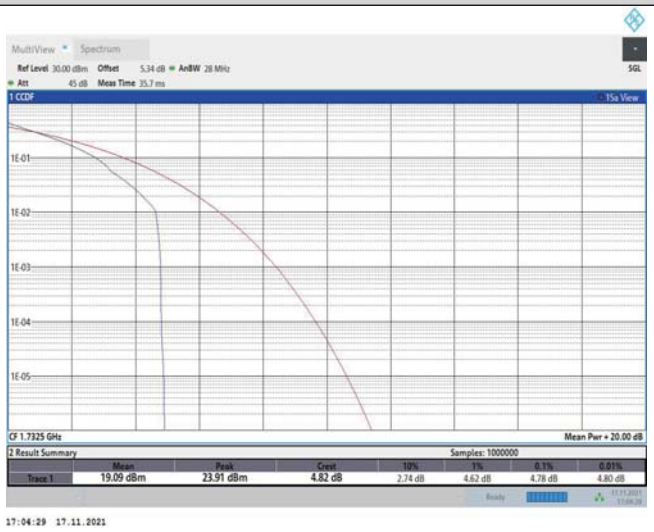
Band4-20MHz-QPSK-20050-1RB#0



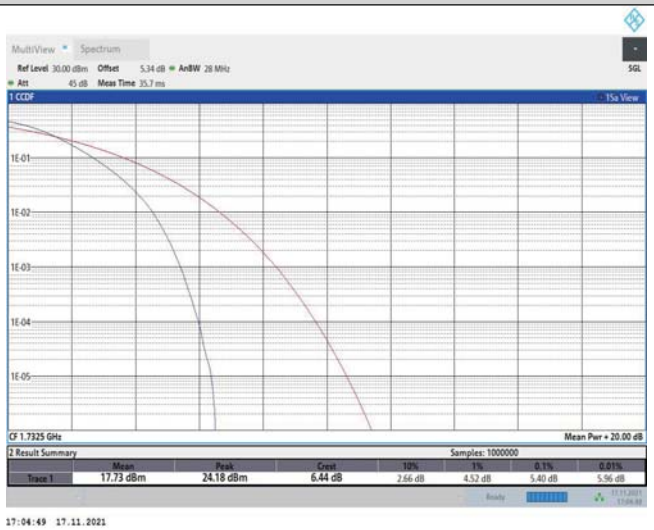
Band4-20MHz-QPSK-20050-100RB#0



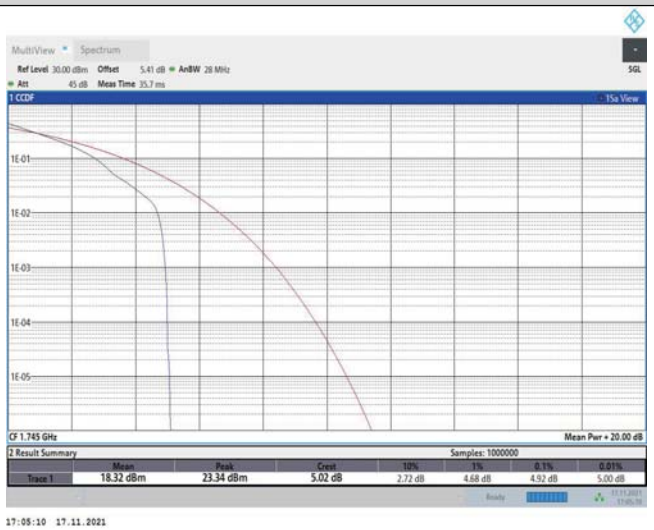
Band4-20MHz-QPSK-20175-1RB#0



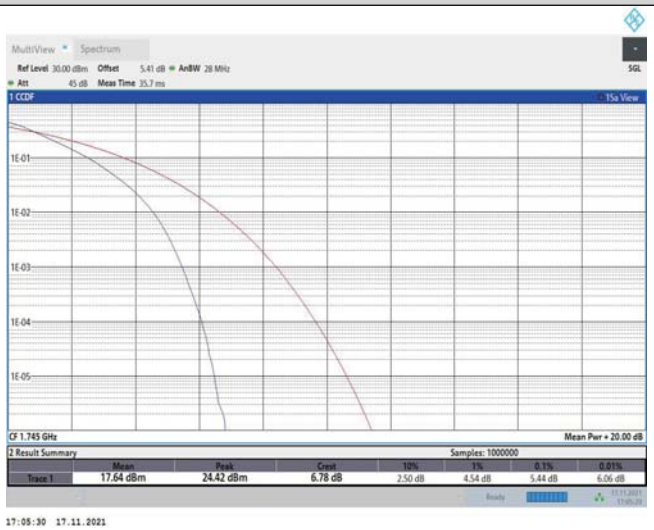
Band4-20MHz-QPSK-20175-100RB#0



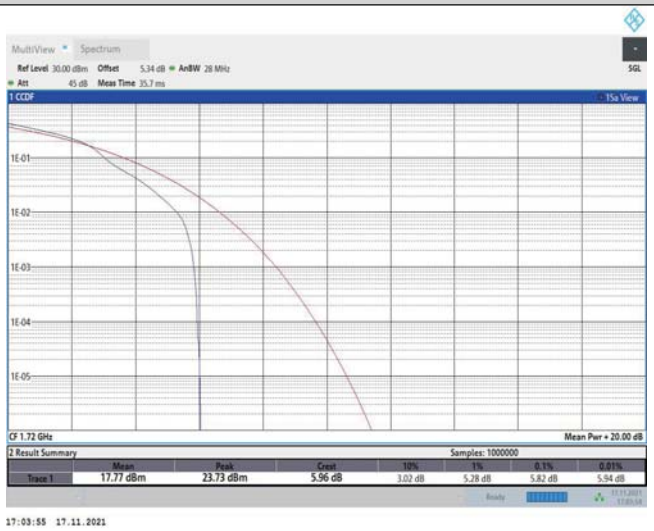
Band4-20MHz-QPSK-20300-1RB#0



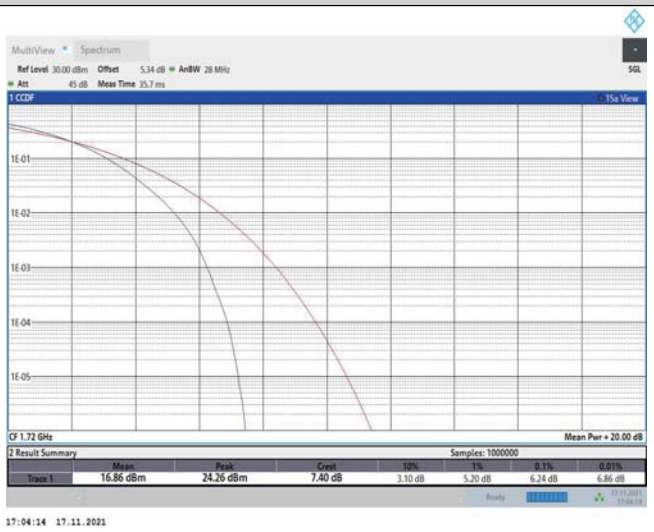
Band4-20MHz-QPSK-20300-100RB#0



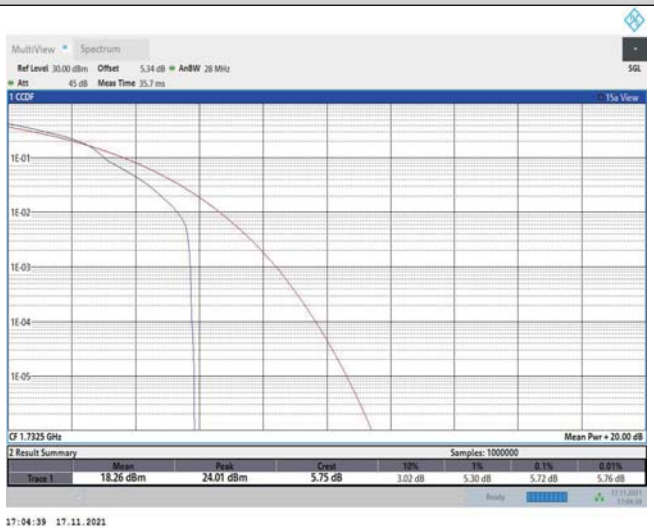
Band4-20MHz-16QAM-20050-1RB#0



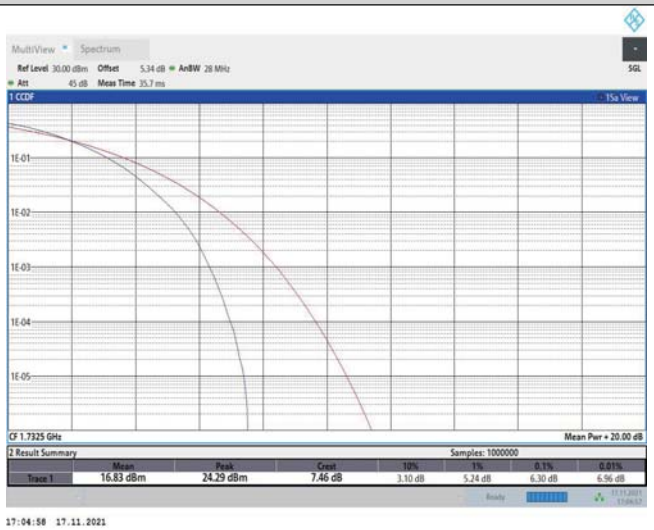
Band4-20MHz-16QAM-20050-100RB#0



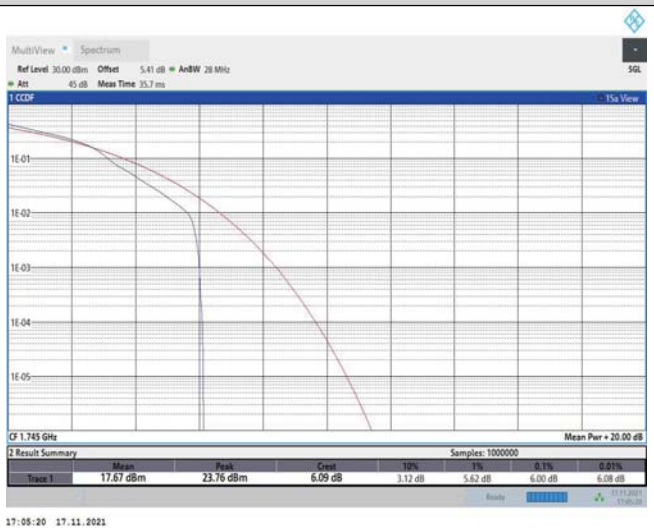
Band4-20MHz-16QAM-20175-1RB#0



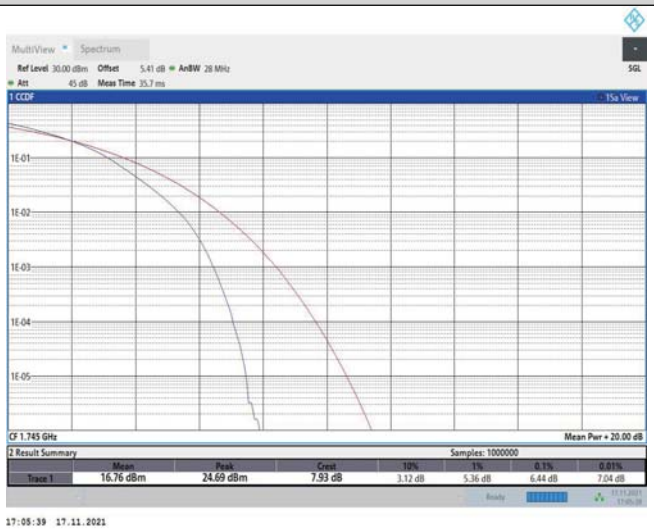
Band4-20MHz-16QAM-20175-100RB#0



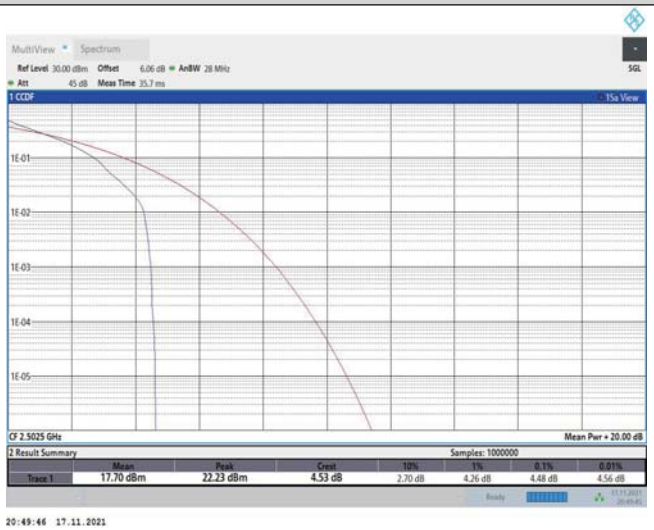
Band4-20MHz-16QAM-20300-1RB#0



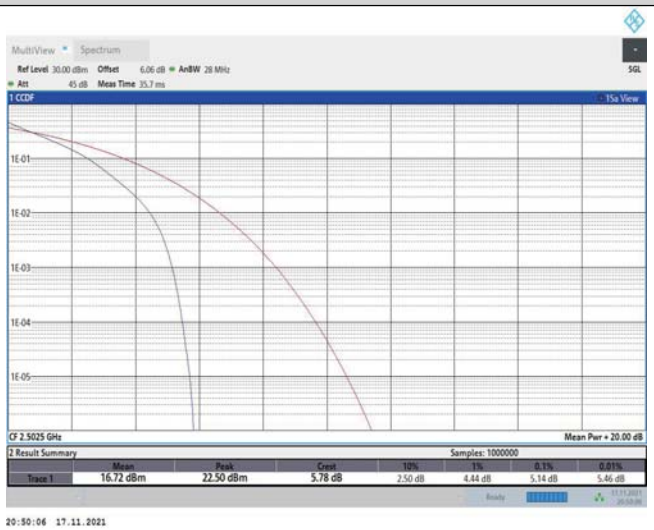
Band4-20MHz-16QAM-20300-100RB#0



Band7-5MHz-QPSK-20775-1RB#0

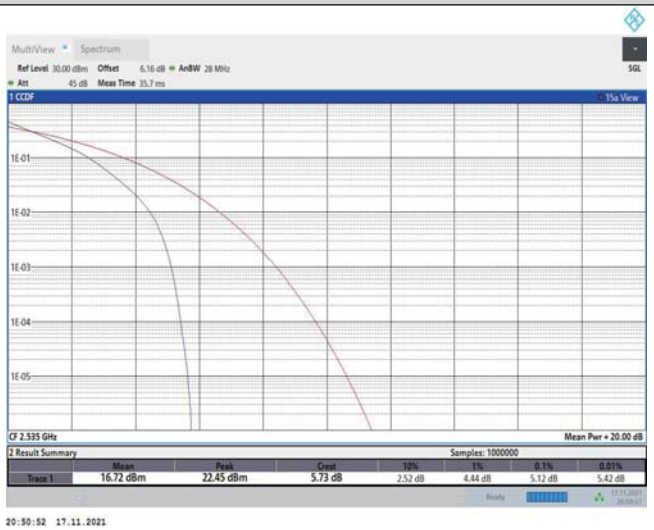


Band7-5MHz-QPSK-20775-25RB#0

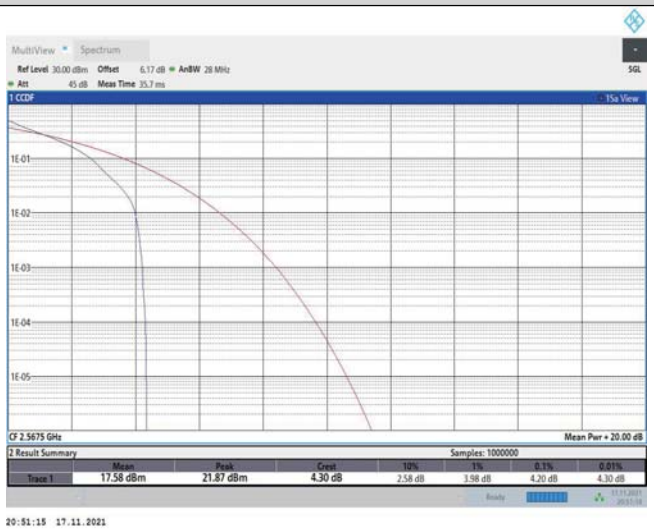


Band7-5MHz-QPSK-21100-1RB#0

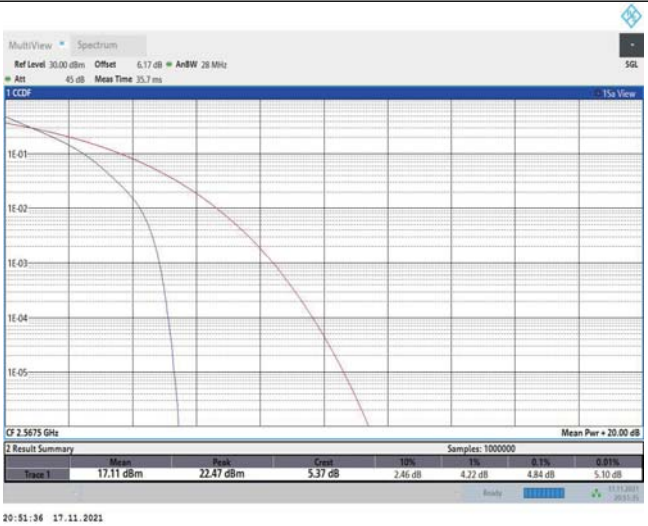
Band7-5MHz-QPSK-21100-25RB#0



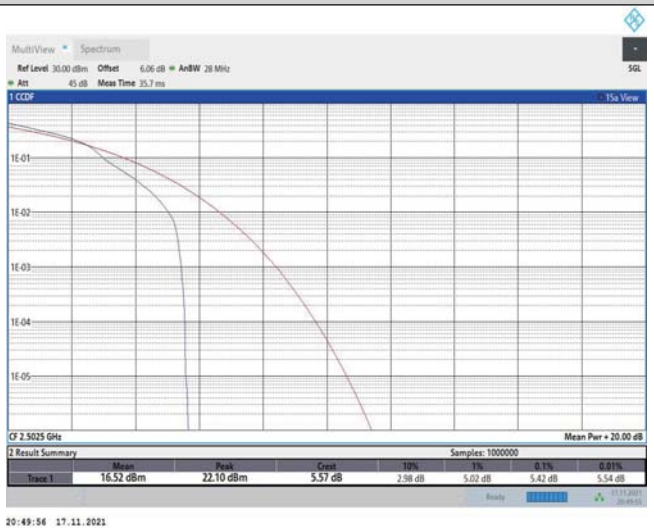
Band7-5MHz-QPSK-21425-1RB#0



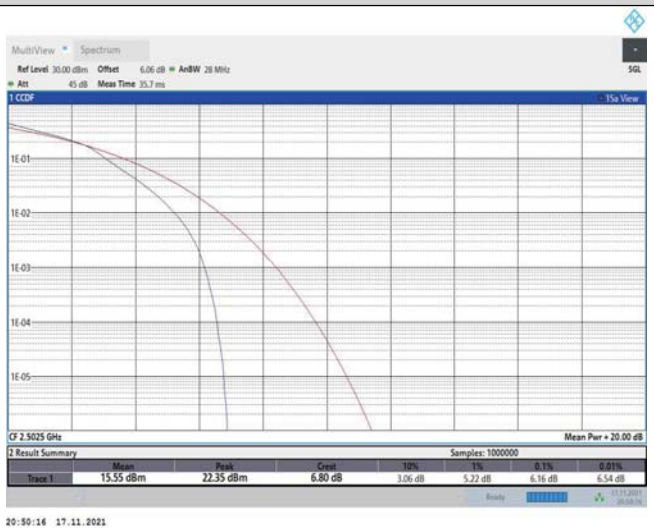
Band7-5MHz-QPSK-21425-25RB#0



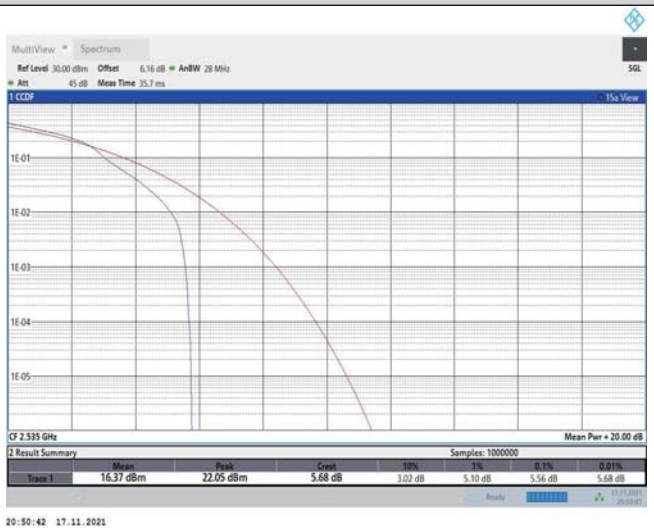
Band7-5MHz-16QAM-20775-1RB#0



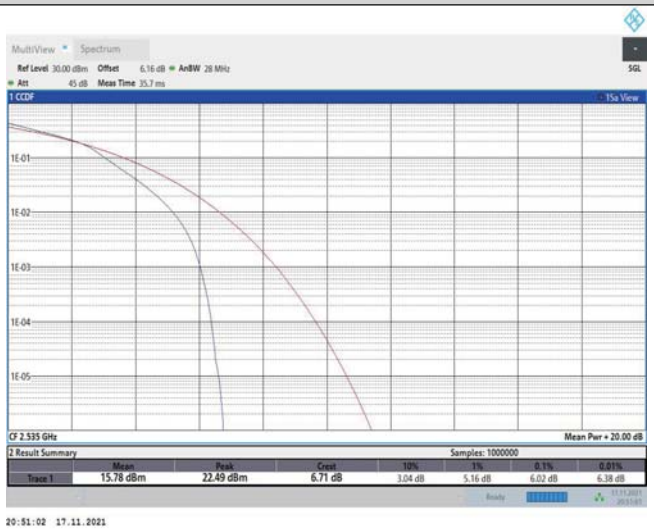
Band7-5MHz-16QAM-20775-25RB#0



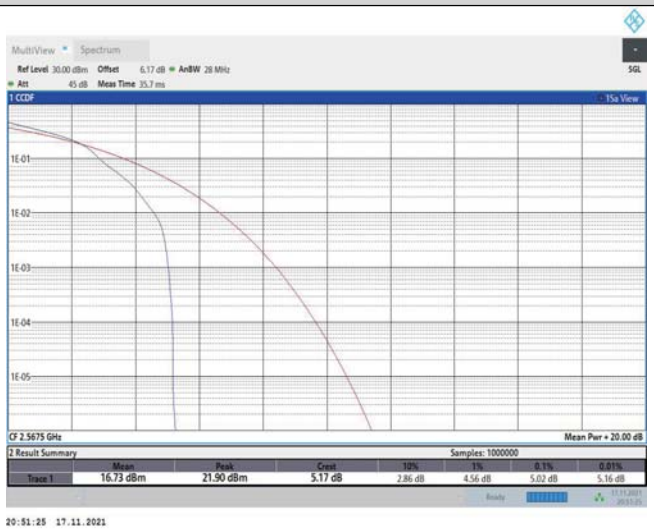
Band7-5MHz-16QAM-21100-1RB#0



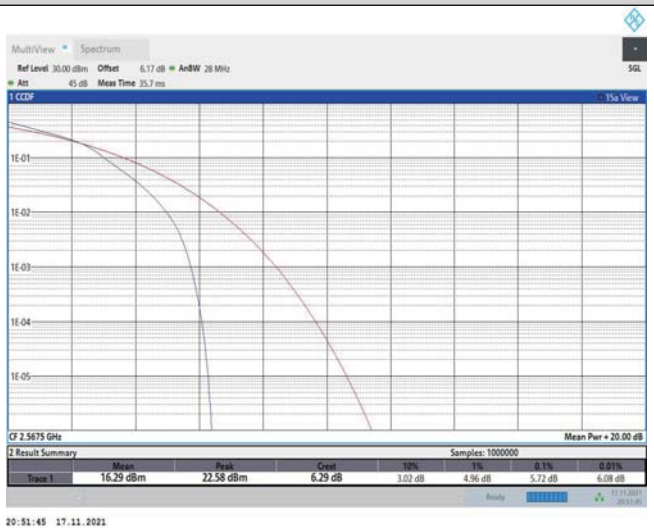
Band7-5MHz-16QAM-21100-25RB#0



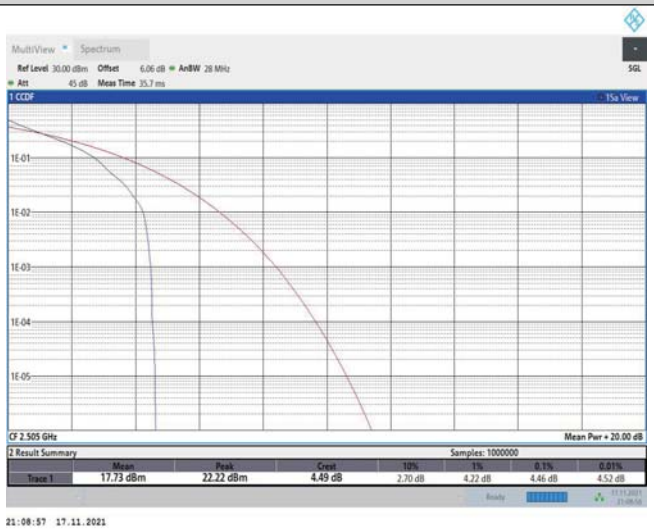
Band7-5MHz-16QAM-21425-1RB#0



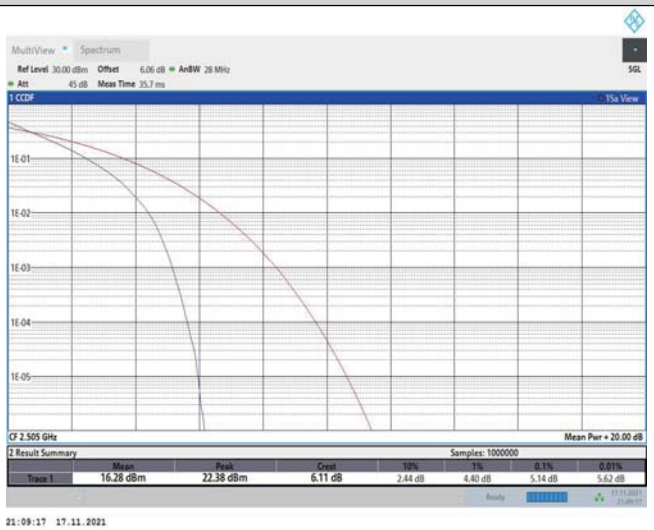
Band7-5MHz-16QAM-21425-25RB#0



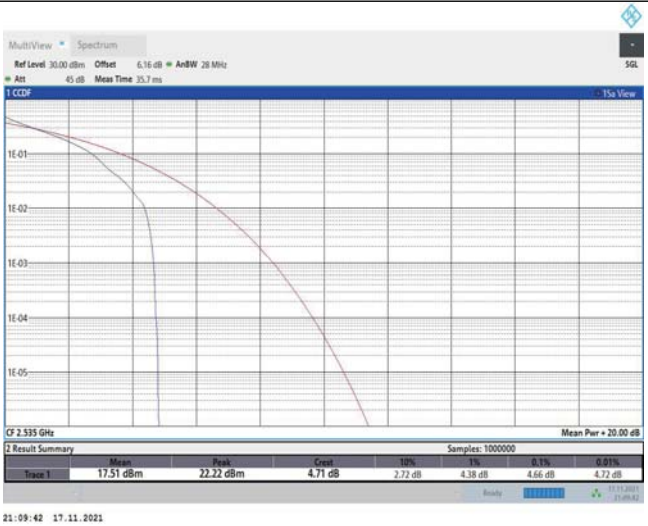
Band7-10MHz-QPSK-20800-1RB#0



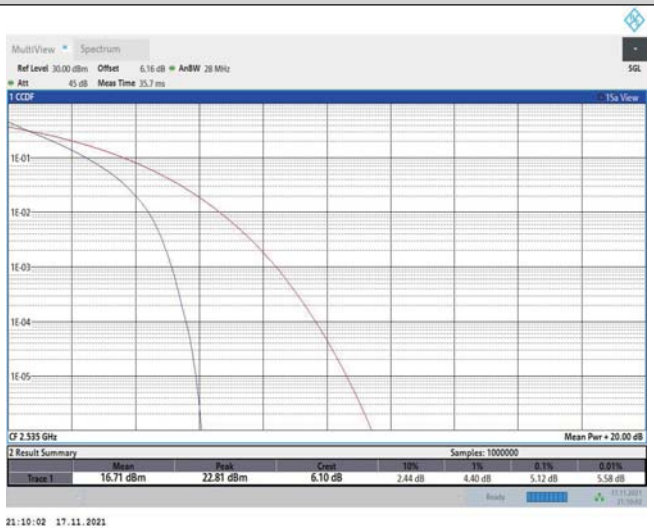
Band7-10MHz-QPSK-20800-50RB#0



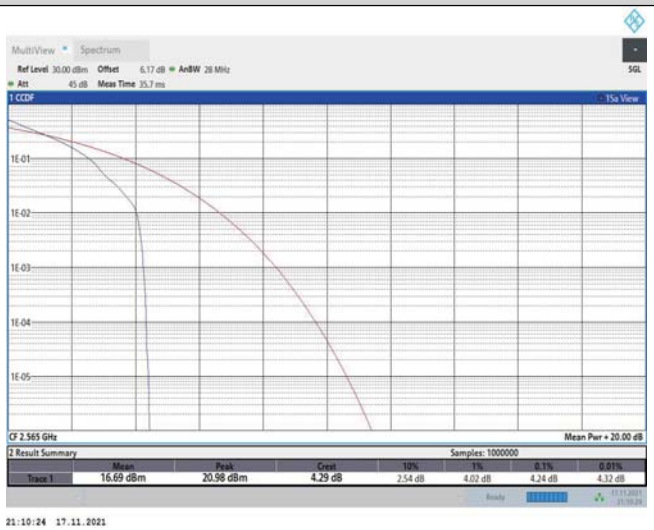
Band7-10MHz-QPSK-21100-1RB#0



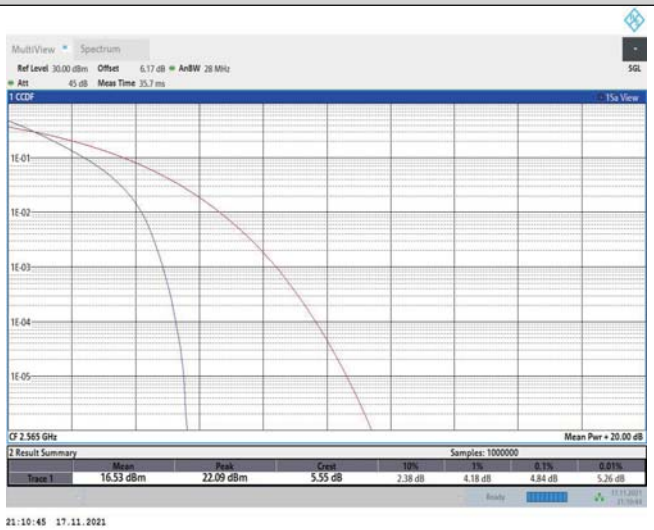
Band7-10MHz-QPSK-21100-50RB#0



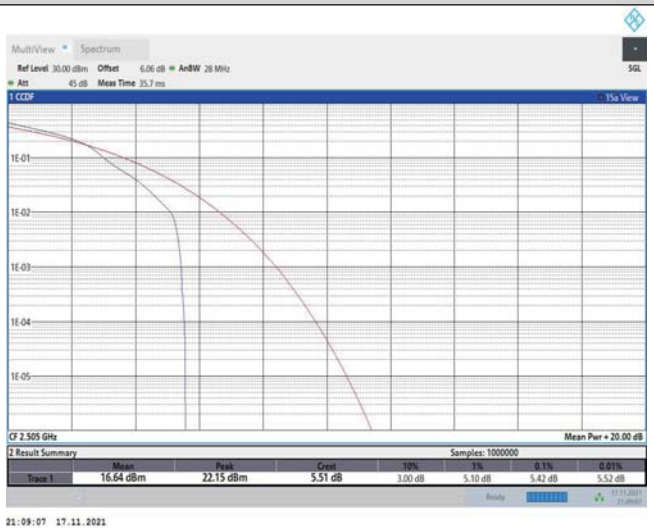
Band7-10MHz-QPSK-21400-1RB#0



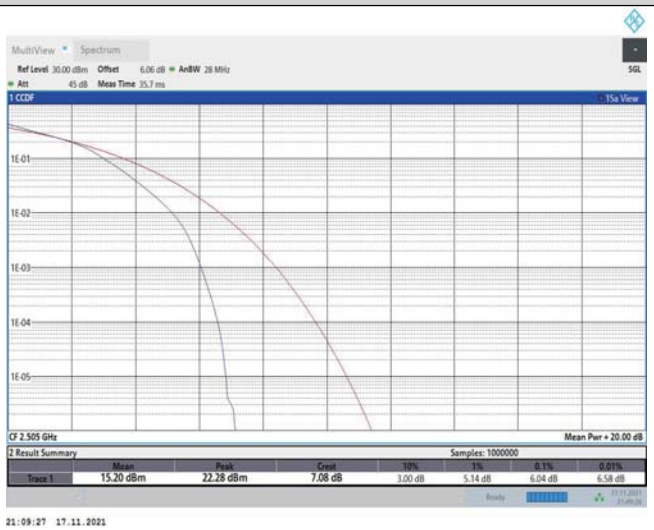
Band7-10MHz-QPSK-21400-50RB#0



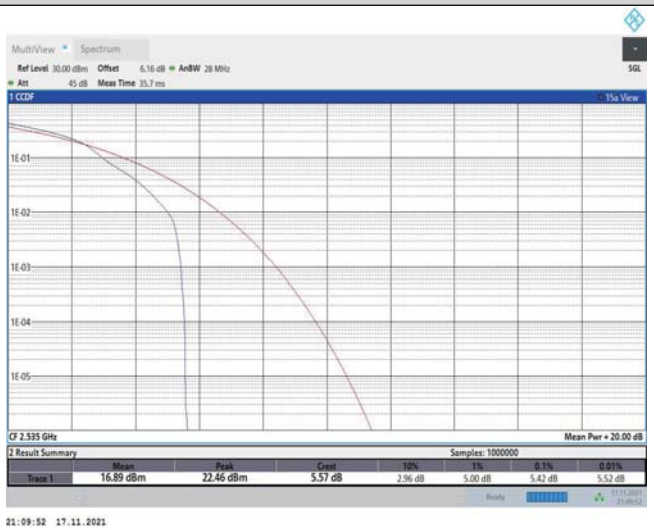
Band7-10MHz-16QAM-20800-1RB#0



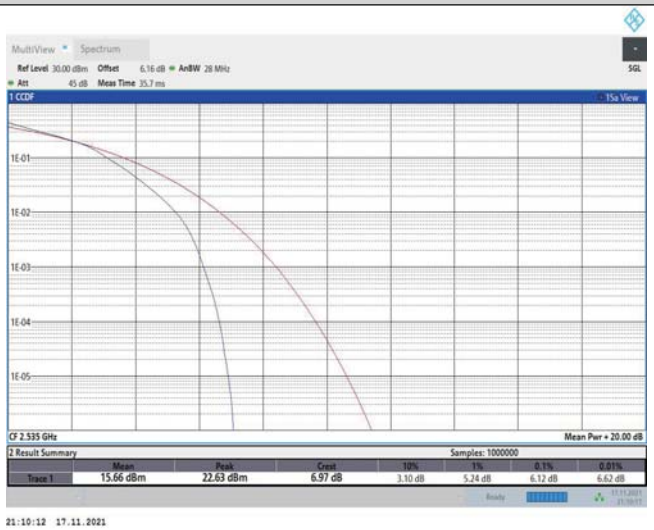
Band7-10MHz-16QAM-20800-50RB#0



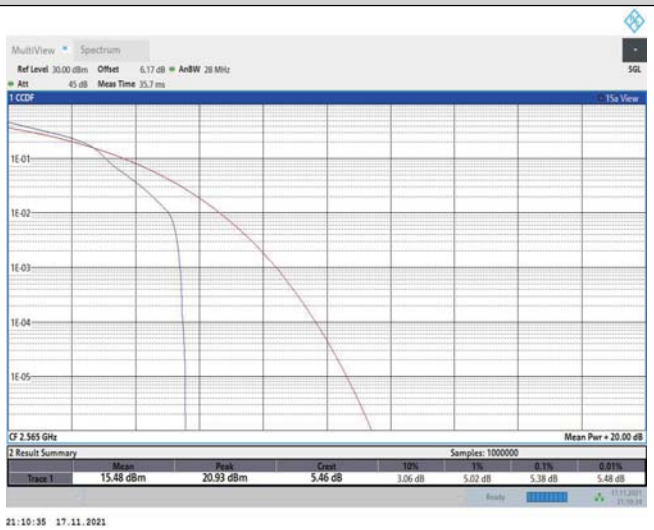
Band7-10MHz-16QAM-21100-1RB#0



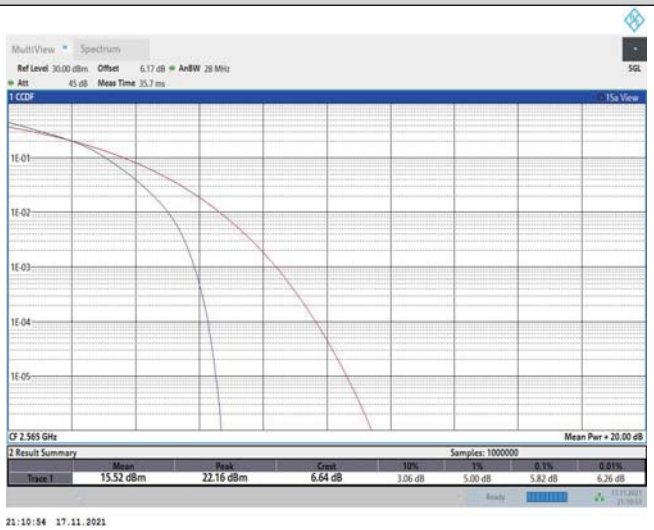
Band7-10MHz-16QAM-21100-50RB#0



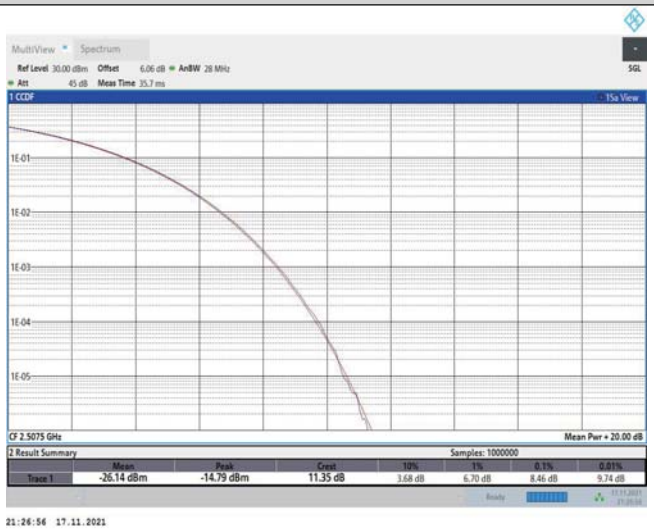
Band7-10MHz-16QAM-21400-1RB#0



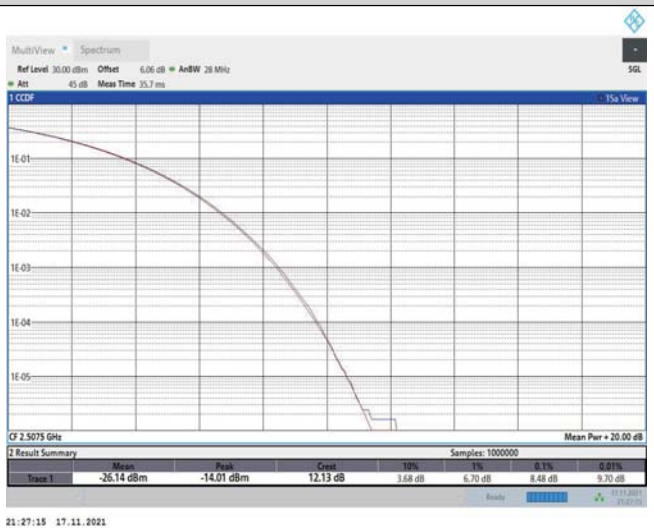
Band7-10MHz-16QAM-21400-50RB#0



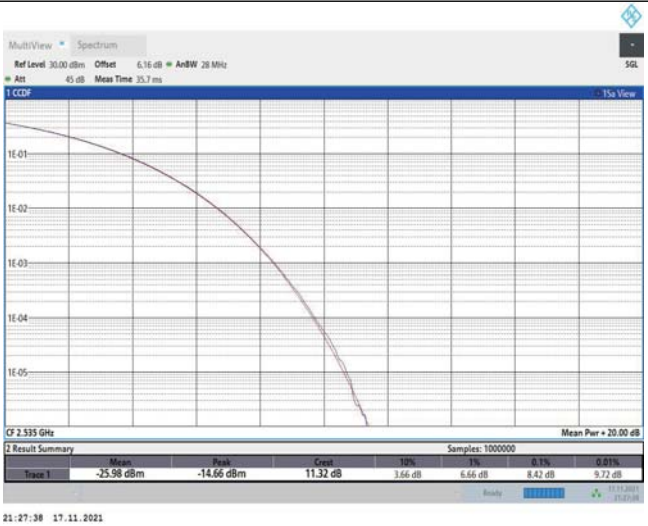
Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-75RB#0

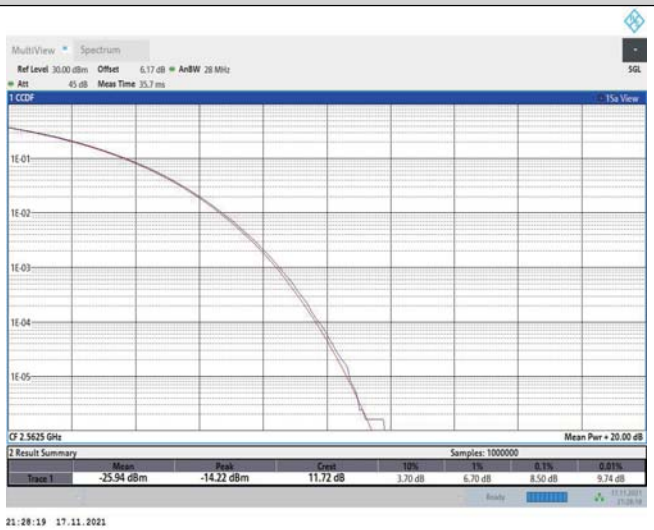


Band7-15MHz-QPSK-21100-1RB#0

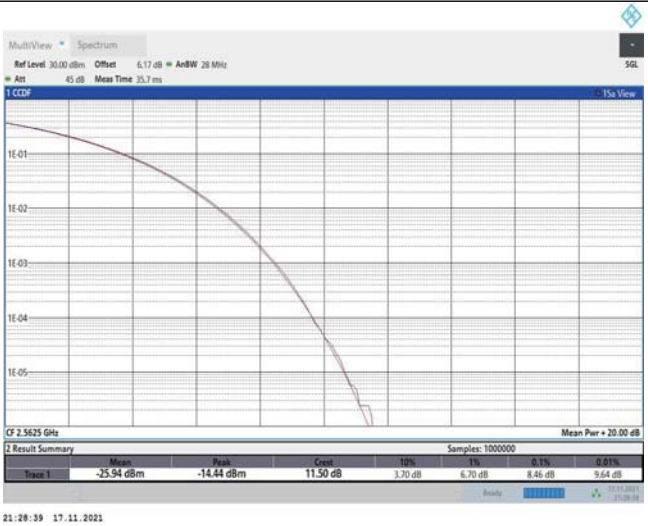


Band7-15MHz-QPSK-21100-75RB#0

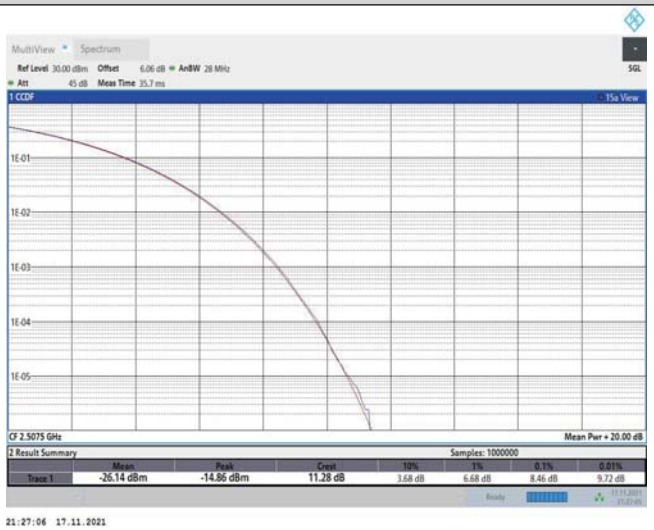
Band7-15MHz-QPSK-21375-1RB#0



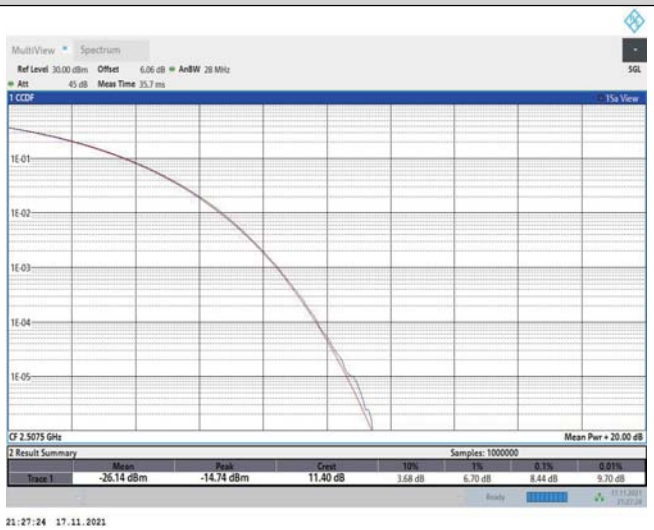
Band7-15MHz-QPSK-21375-75RB#0



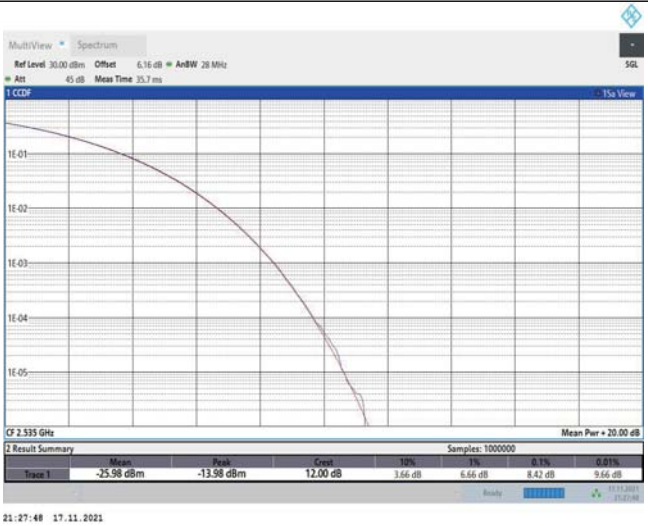
Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-75RB#0

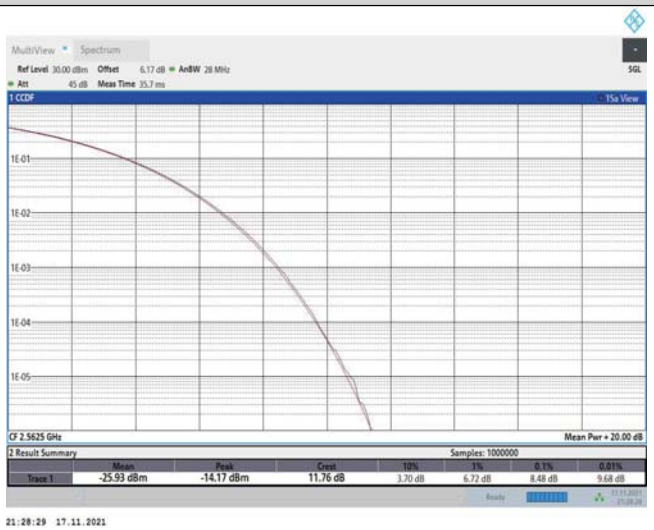


Band7-15MHz-16QAM-21100-1RB#0

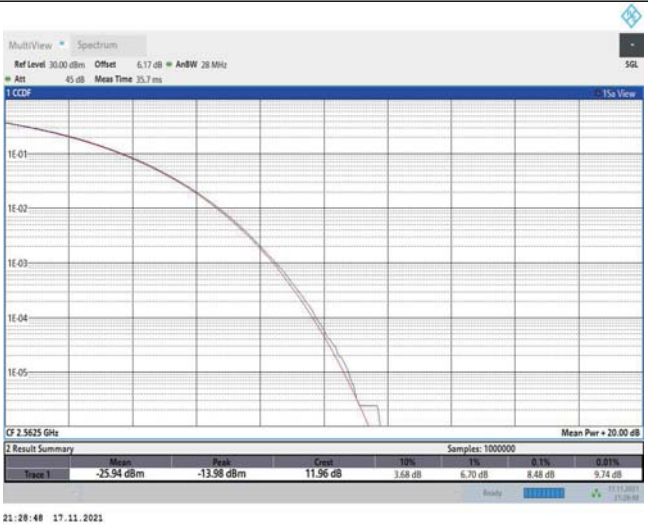


Band7-15MHz-16QAM-21100-75RB#0

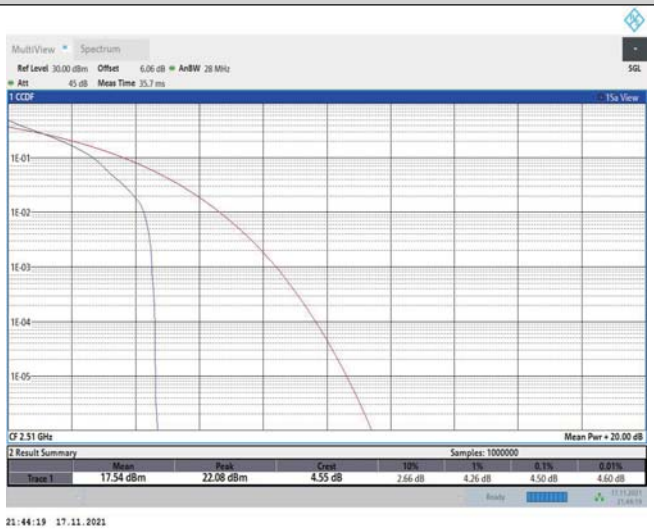
Band7-15MHz-16QAM-21375-1RB#0



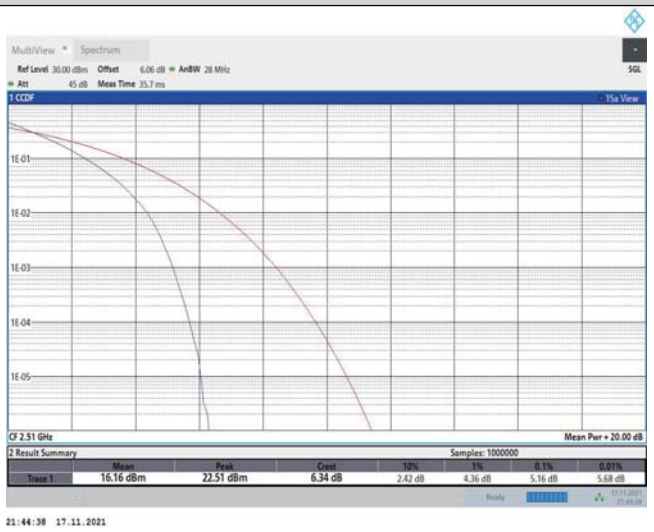
Band7-15MHz-16QAM-21375-75RB#0



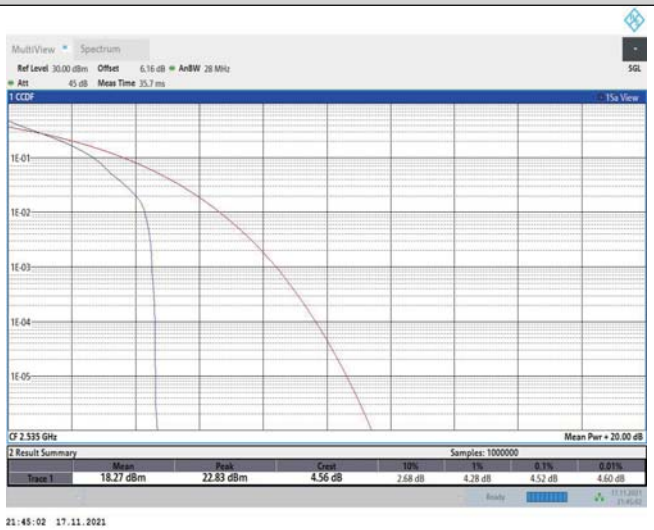
Band7-20MHz-QPSK-20850-1RB#0



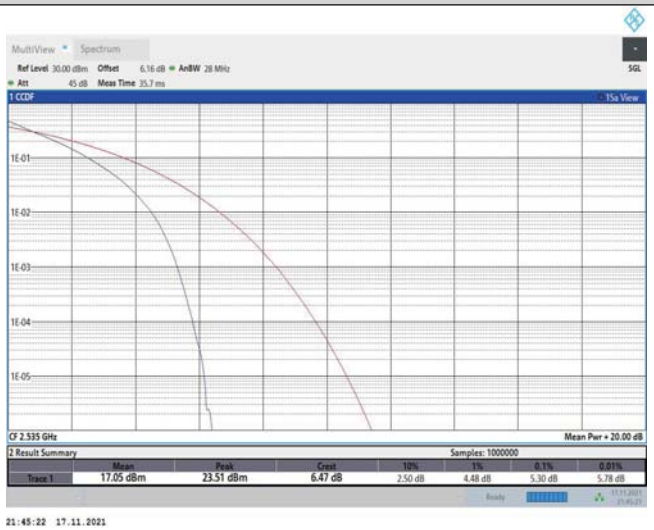
Band7-20MHz-QPSK-20850-100RB#0



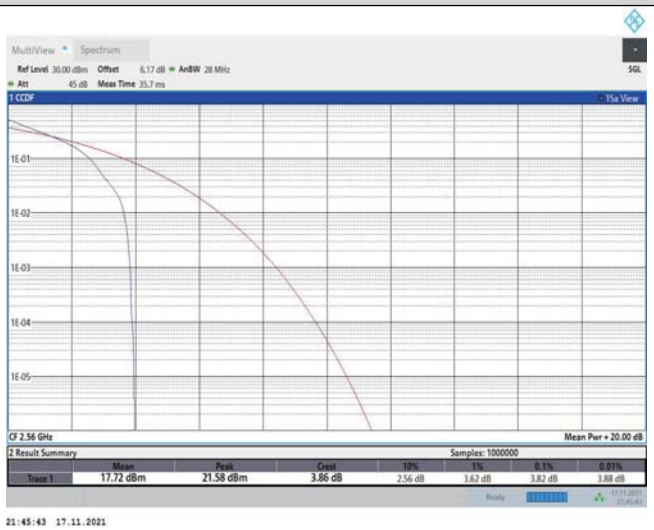
Band7-20MHz-QPSK-21100-1RB#0



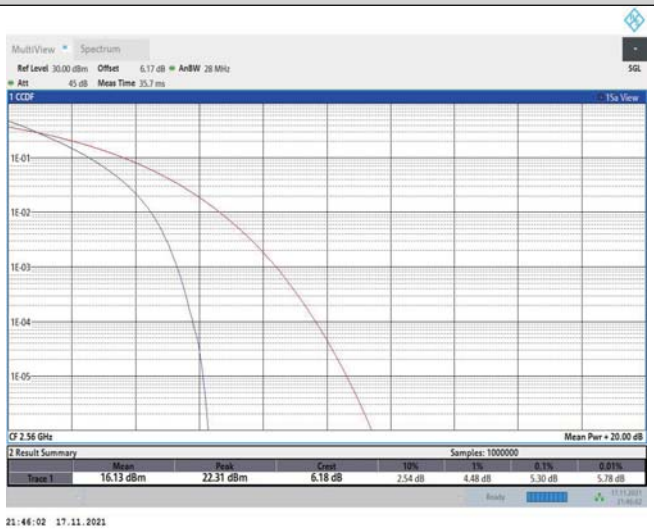
Band7-20MHz-QPSK-21100-100RB#0



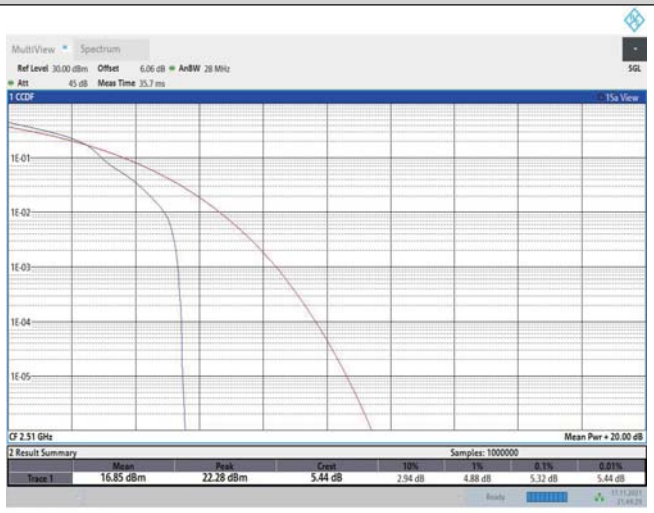
Band7-20MHz-QPSK-21350-1RB#0



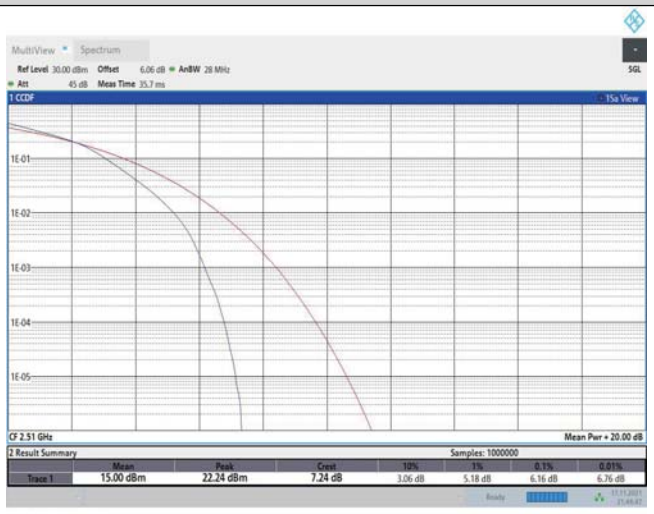
Band7-20MHz-QPSK-21350-100RB#0



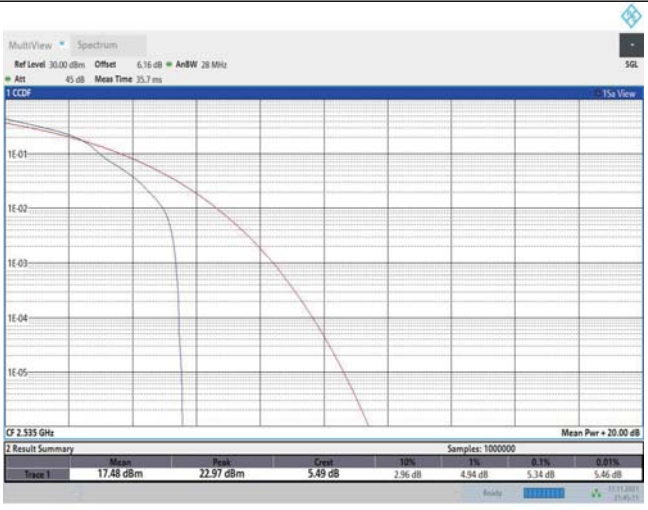
Band7-20MHz-16QAM-20850-1RB#0



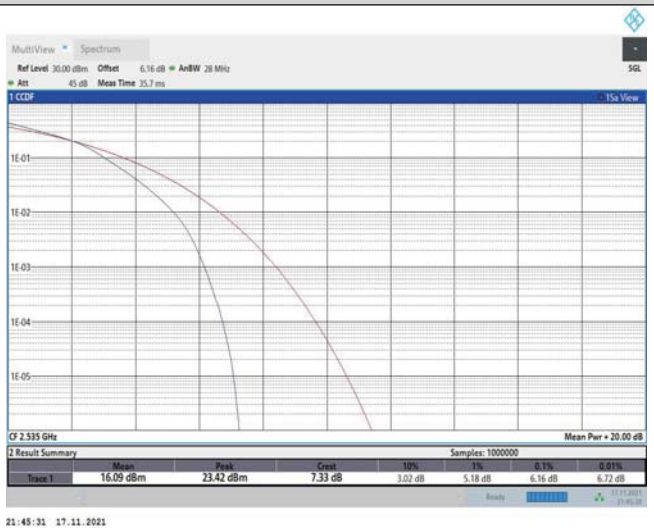
Band7-20MHz-16QAM-20850-100RB#0



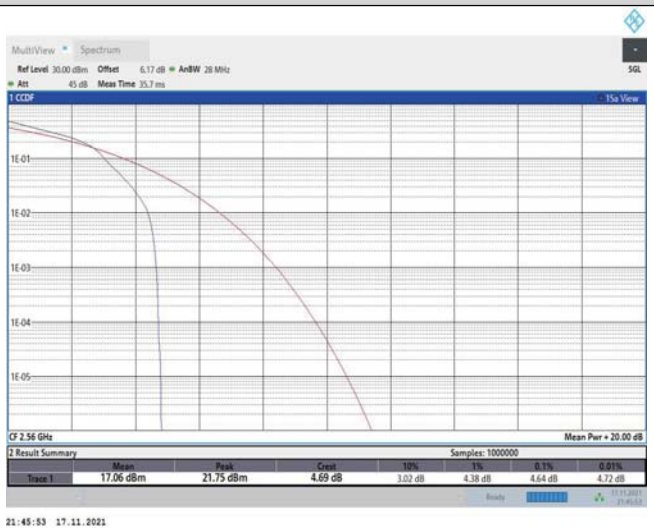
Band7-20MHz-16QAM-21100-1RB#0



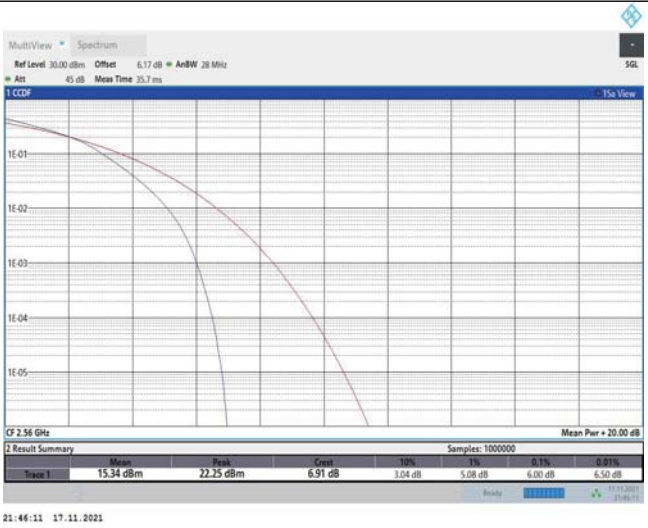
Band7-20MHz-16QAM-21100-100RB#0



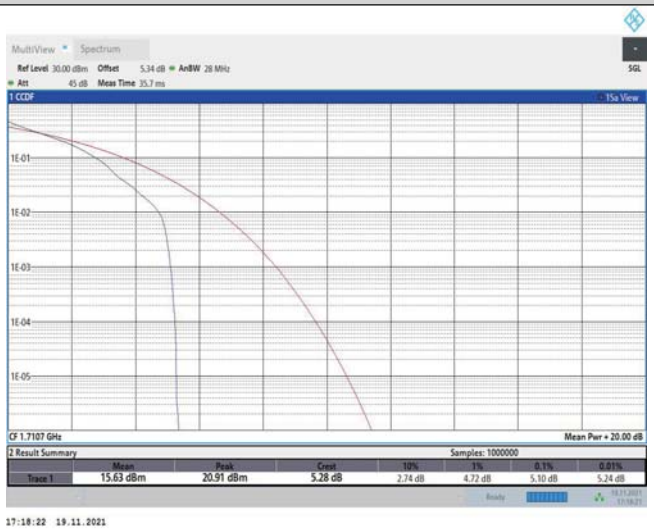
Band7-20MHz-16QAM-21350-1RB#0



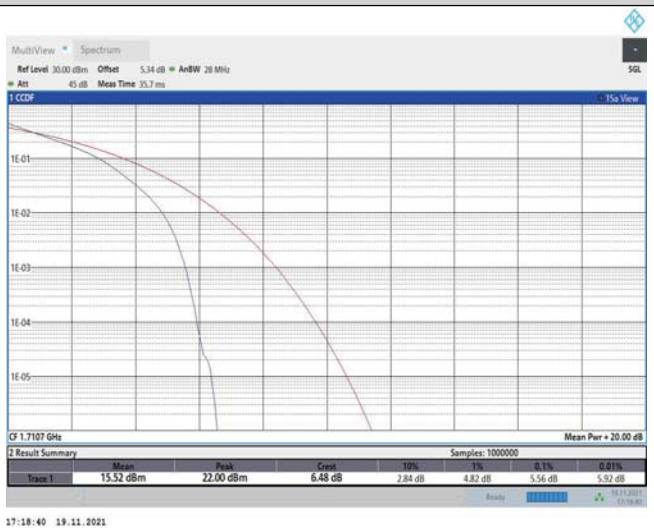
Band7-20MHz-16QAM-21350-100RB#0



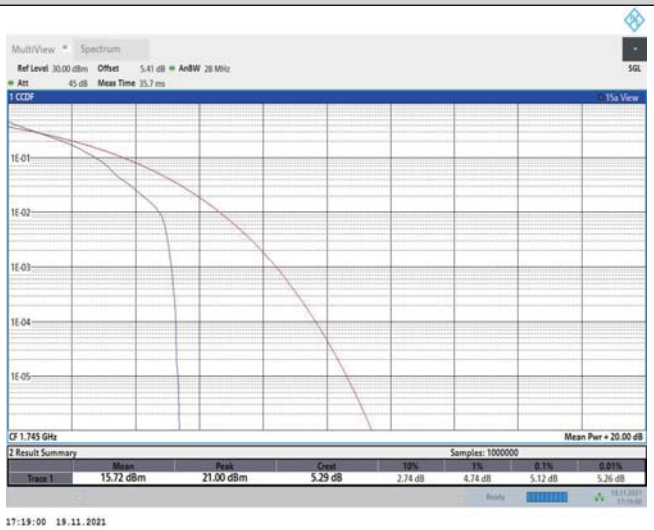
Band66-1.4MHz-QPSK-131979-1RB#0



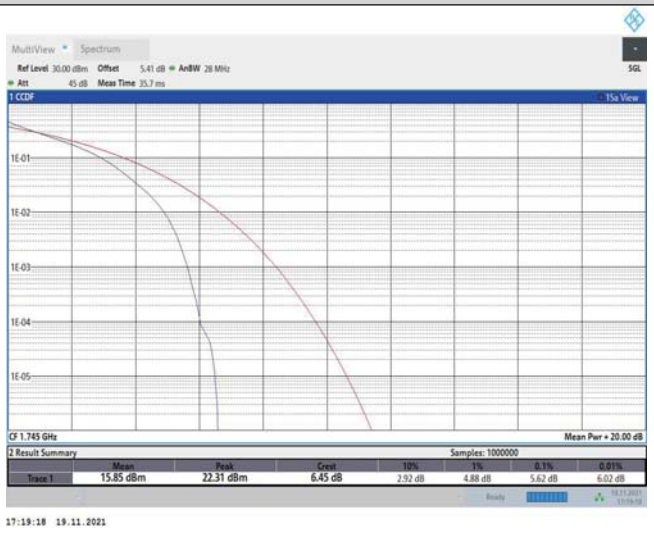
Band66-1.4MHz-QPSK-131979-6RB#0



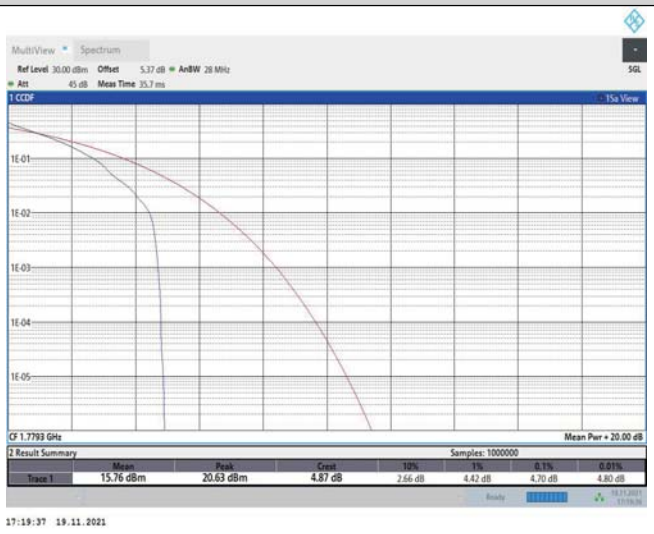
Band66-1.4MHz-QPSK-132322-1RB#0



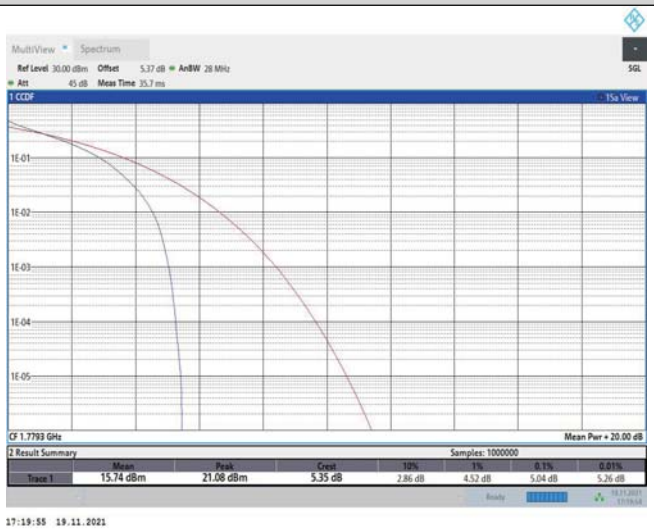
Band66-1.4MHz-QPSK-132322-6RB#0



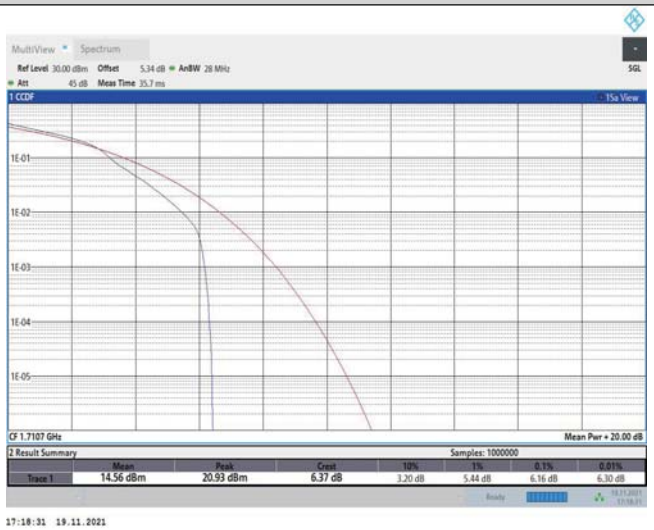
Band66-1.4MHz-QPSK-132665-1RB#0



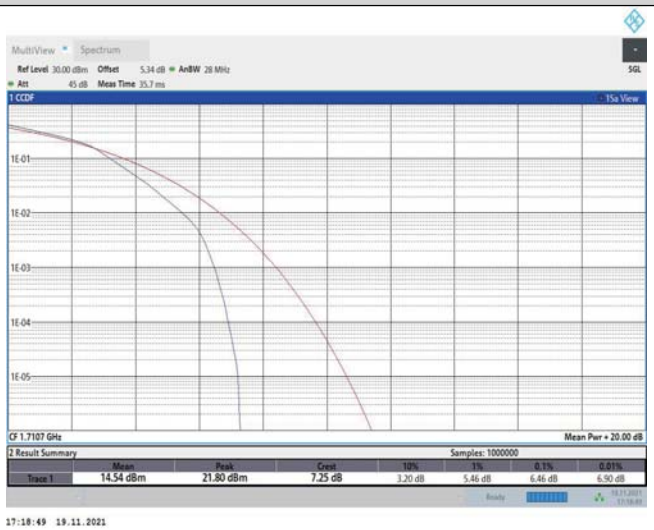
Band66-1.4MHz-QPSK-132665-6RB#0



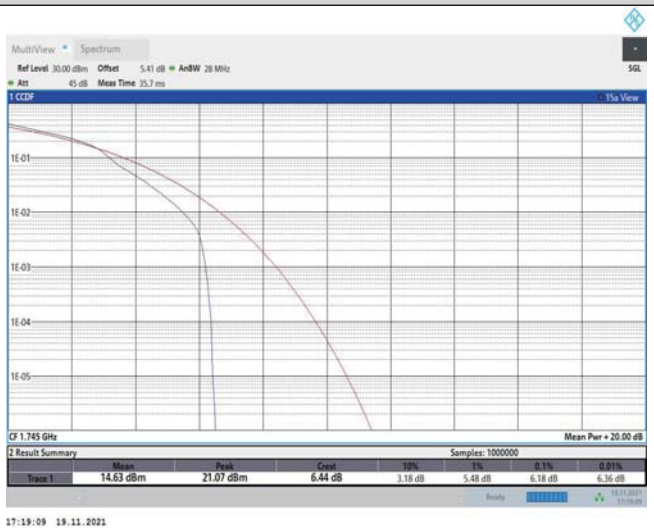
Band66-1.4MHz-16QAM-131979-1RB#0



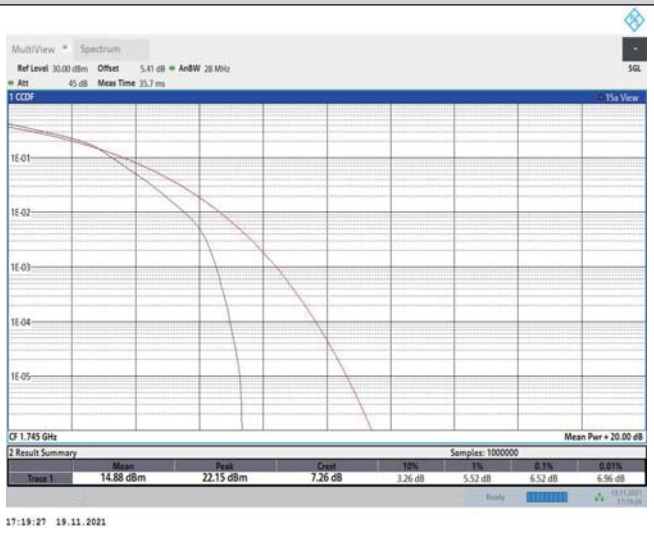
Band66-1.4MHz-16QAM-131979-6RB#0



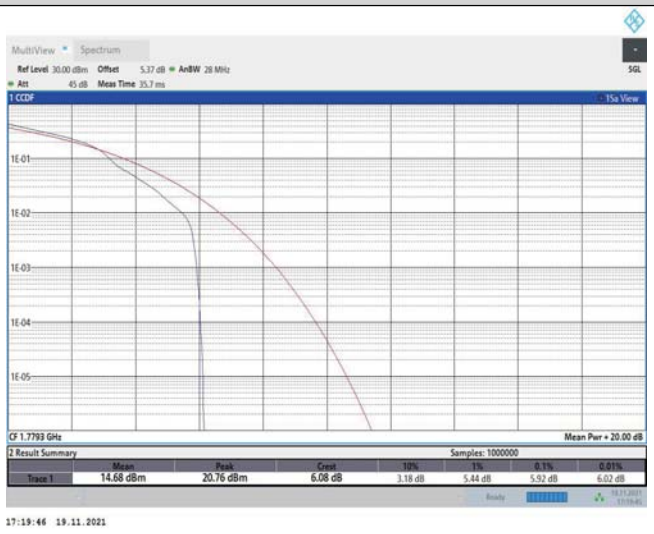
Band66-1.4MHz-16QAM-132322-1RB#0



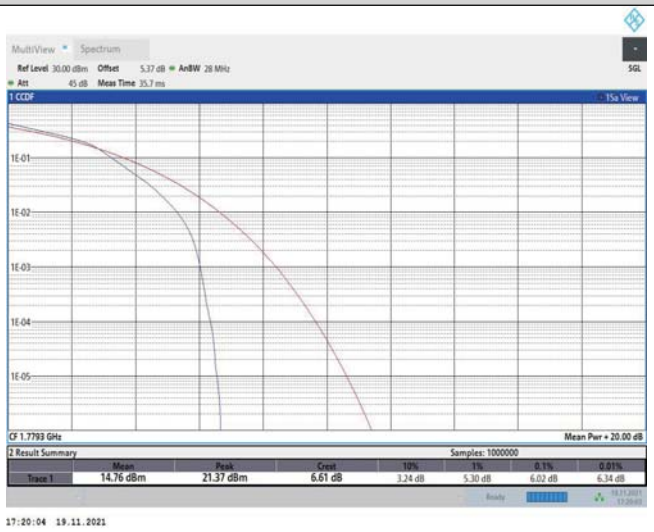
Band66-1.4MHz-16QAM-132322-6RB#0



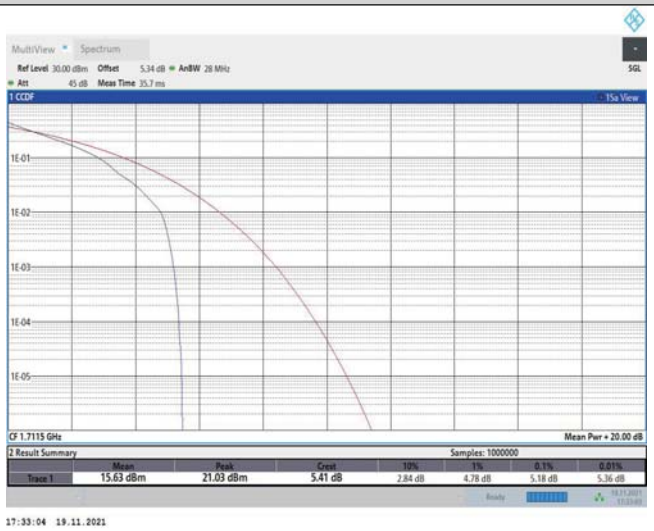
Band66-1.4MHz-16QAM-132665-1RB#0



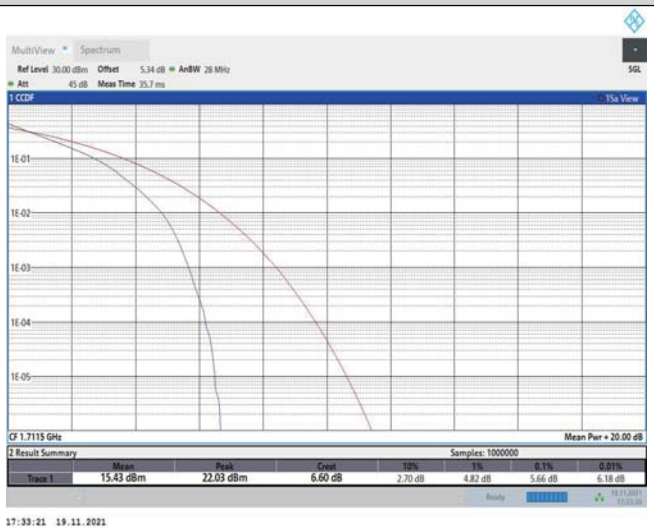
Band66-1.4MHz-16QAM-132665-6RB#0



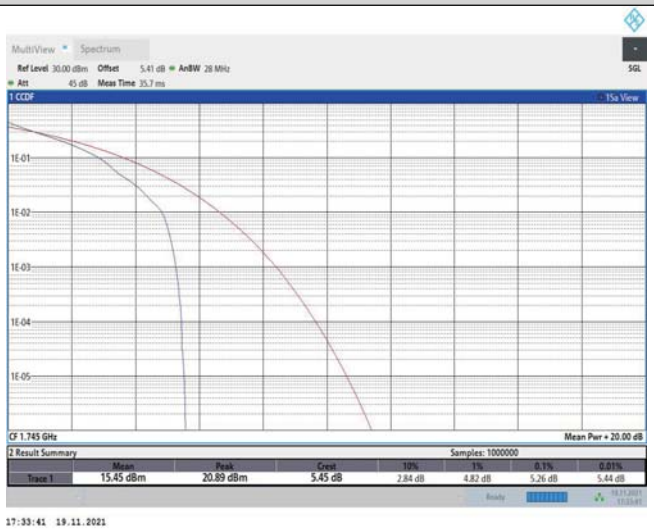
Band66-3MHz-QPSK-131987-1RB#0



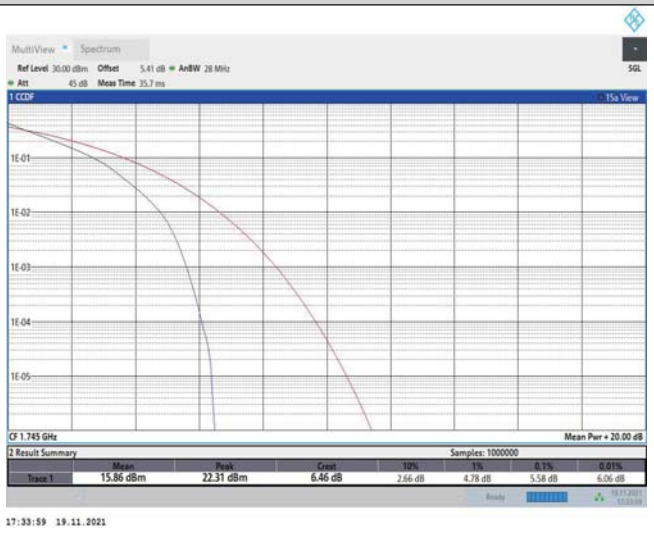
Band66-3MHz-QPSK-131987-15RB#0



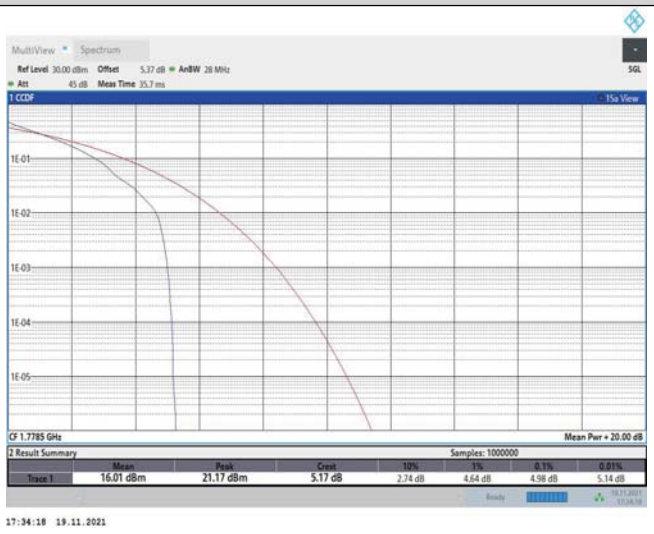
Band66-3MHz-QPSK-132322-1RB#0



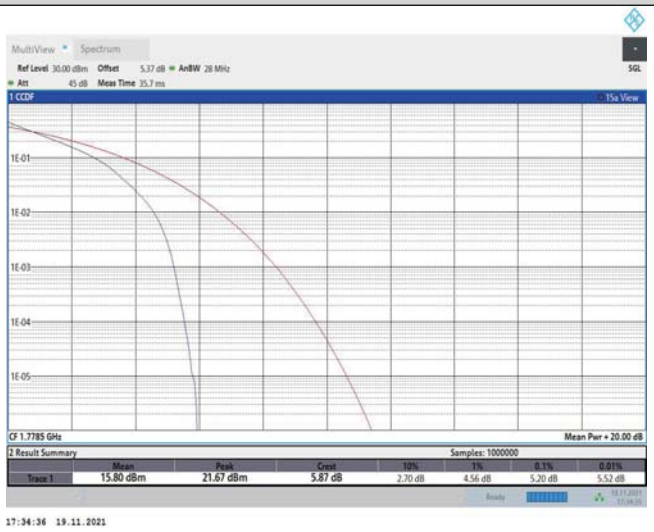
Band66-3MHz-QPSK-132322-15RB#0



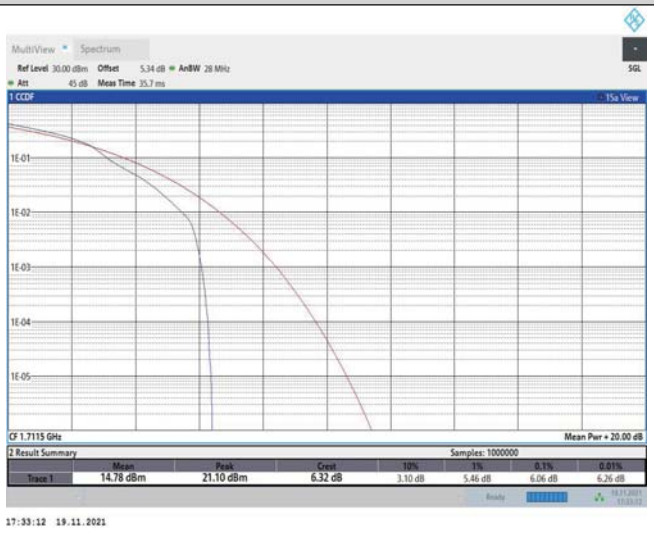
Band66-3MHz-QPSK-132657-1RB#0



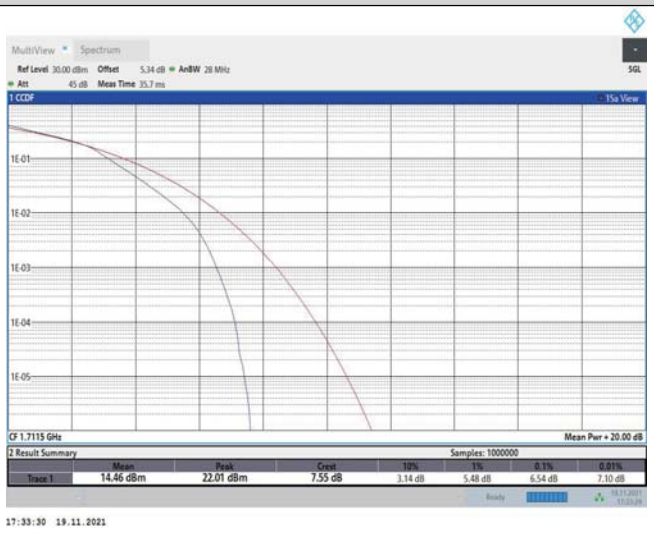
Band66-3MHz-QPSK-132657-15RB#0



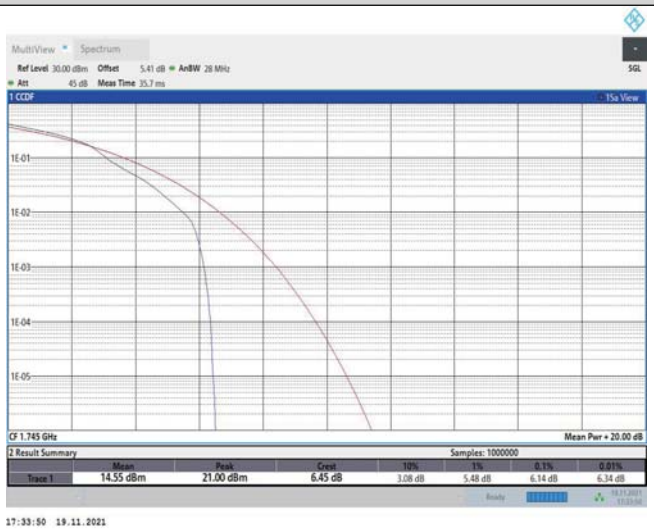
Band66-3MHz-16QAM-131987-1RB#0



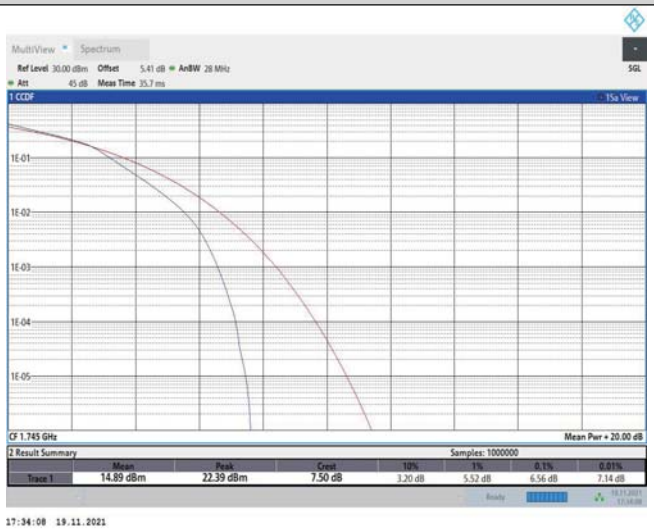
Band66-3MHz-16QAM-131987-15RB#0



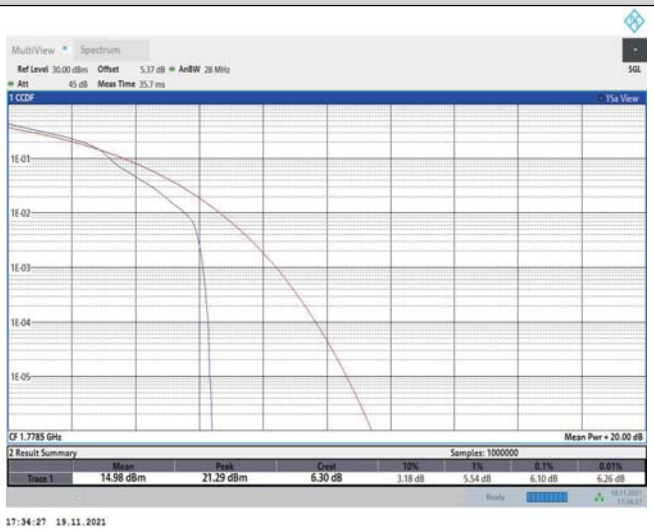
Band66-3MHz-16QAM-132322-1RB#0



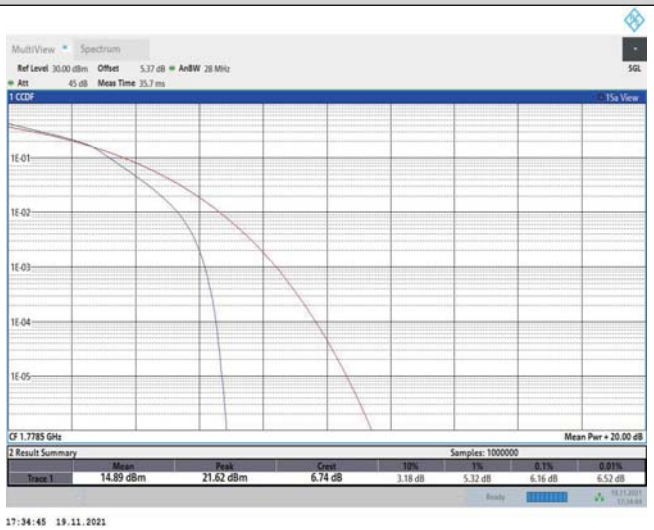
Band66-3MHz-16QAM-132322-15RB#0



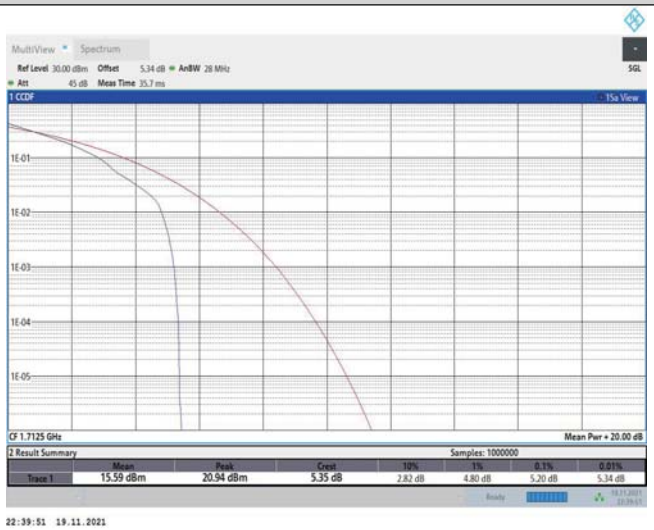
Band66-3MHz-16QAM-132657-1RB#0



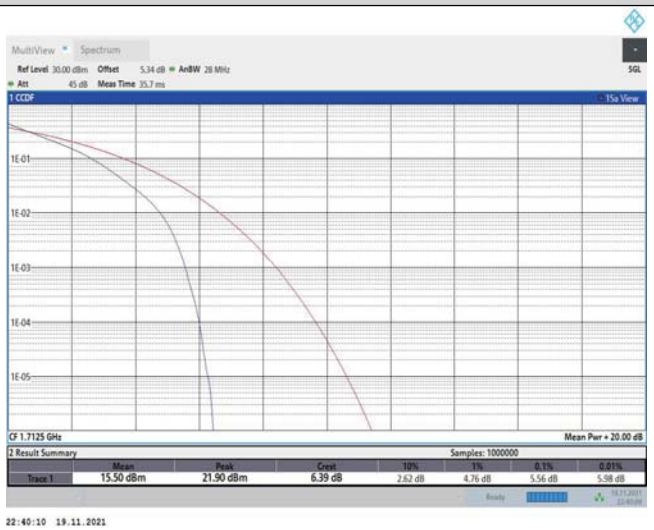
Band66-3MHz-16QAM-132657-15RB#0



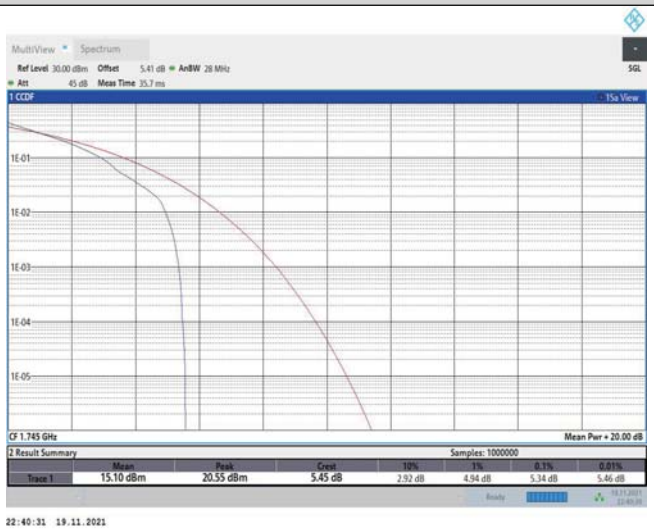
Band66-5MHz-QPSK-131997-1RB#0



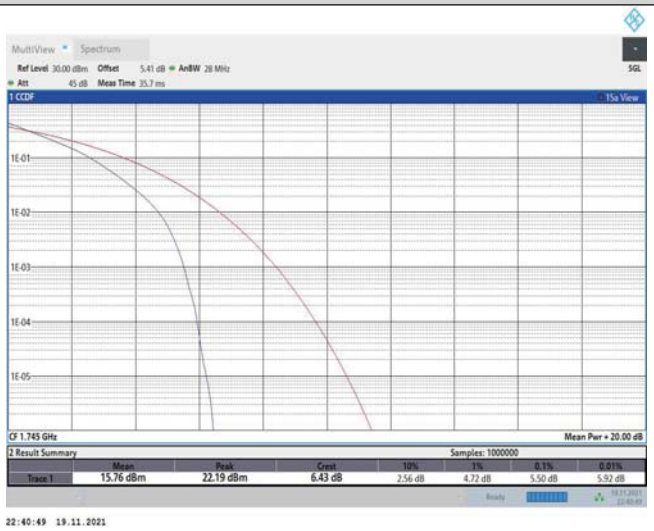
Band66-5MHz-QPSK-131997-25RB#0



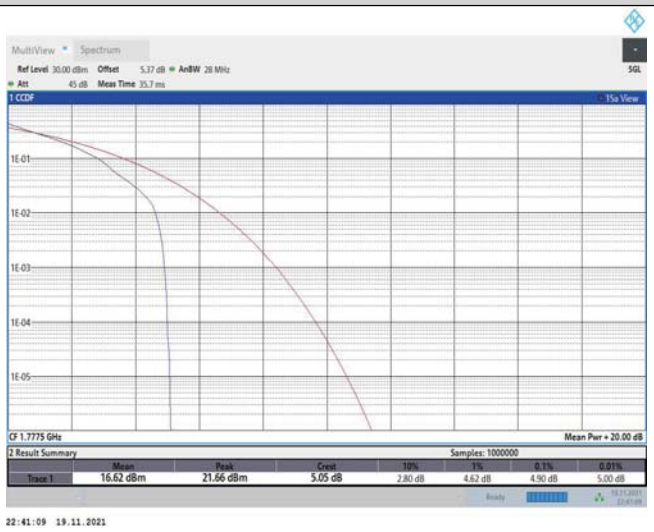
Band66-5MHz-QPSK-132322-1RB#0



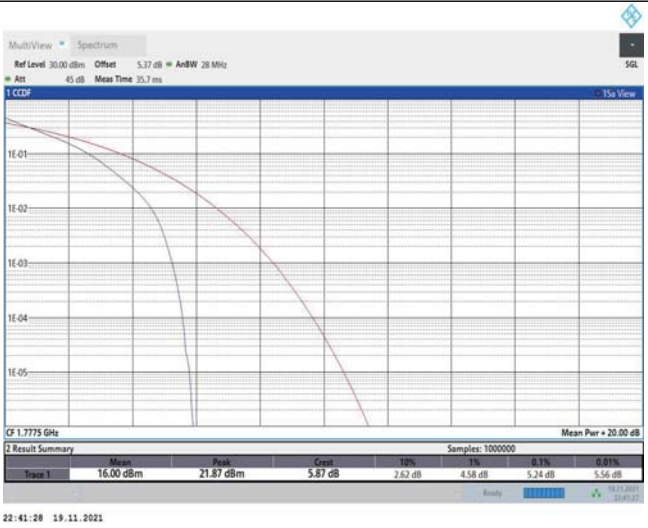
Band66-5MHz-QPSK-132322-25RB#0



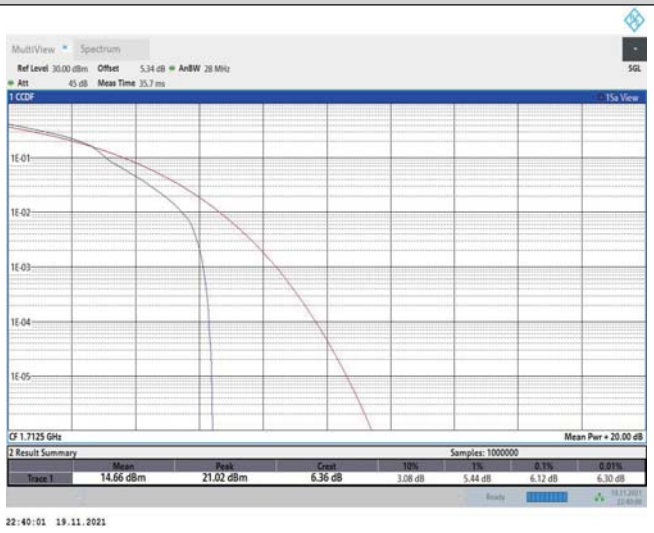
Band66-5MHz-QPSK-132647-1RB#0



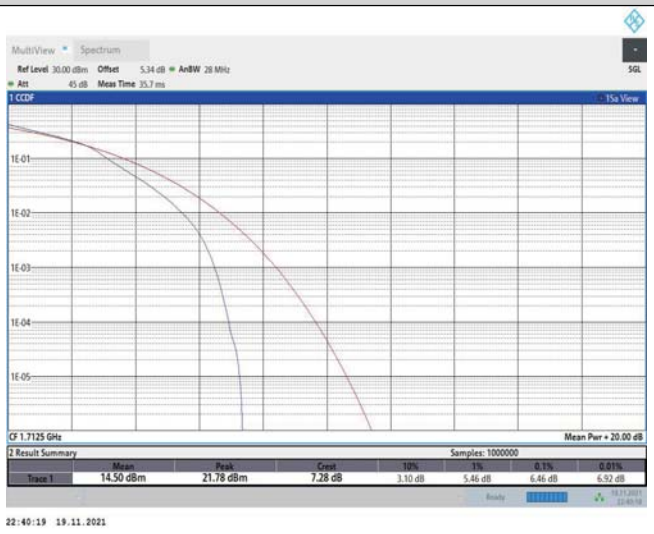
Band66-5MHz-QPSK-132647-25RB#0



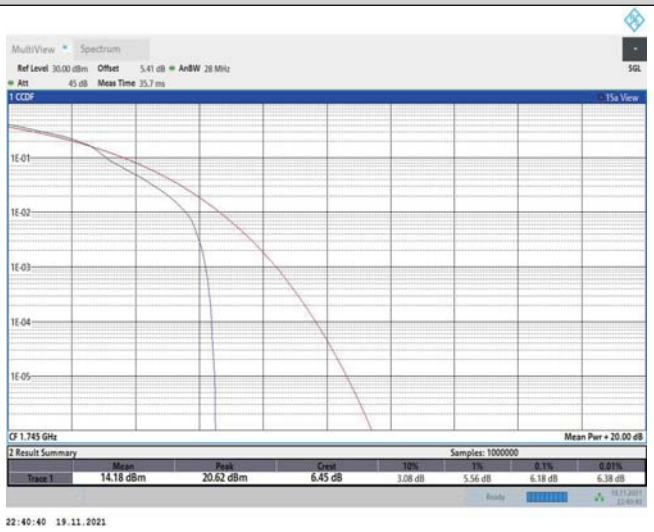
Band66-5MHz-16QAM-131997-1RB#0



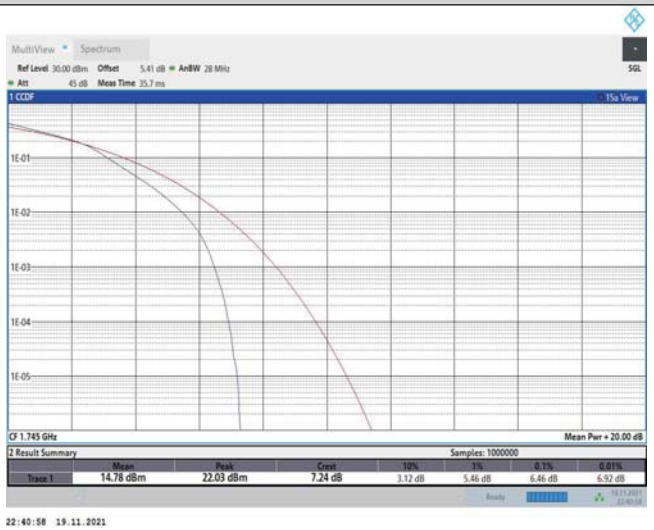
Band66-5MHz-16QAM-131997-25RB#0



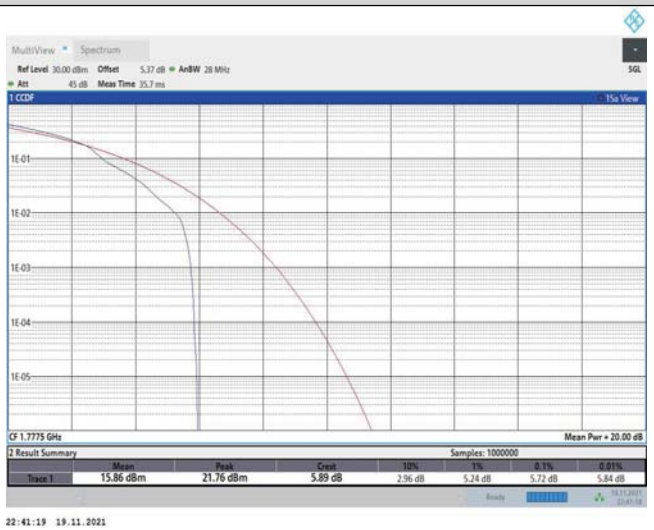
Band66-5MHz-16QAM-132322-1RB#0



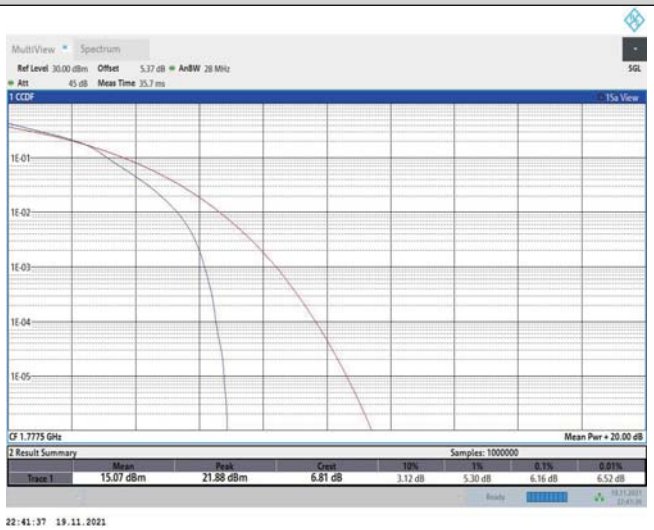
Band66-5MHz-16QAM-132322-25RB#0



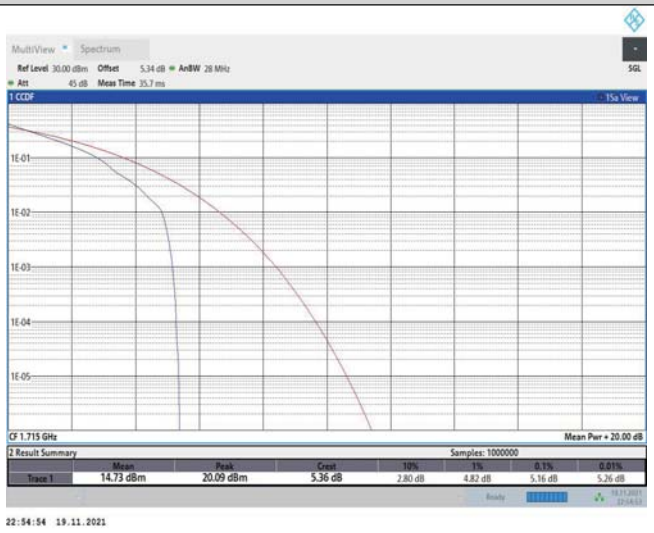
Band66-5MHz-16QAM-132647-1RB#0



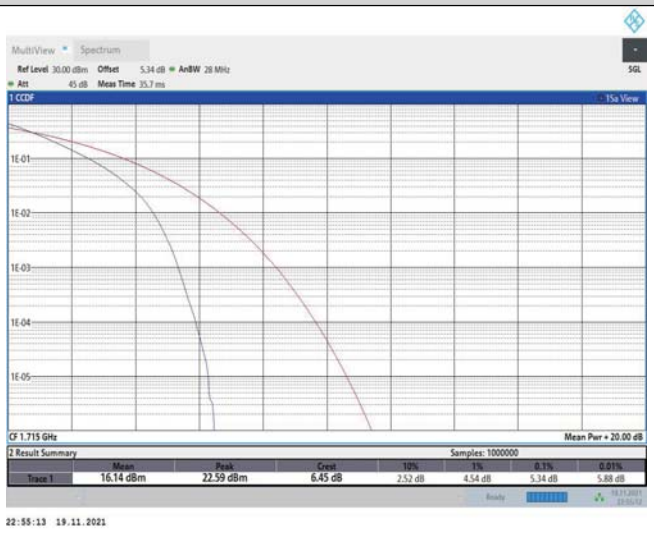
Band66-5MHz-16QAM-132647-25RB#0



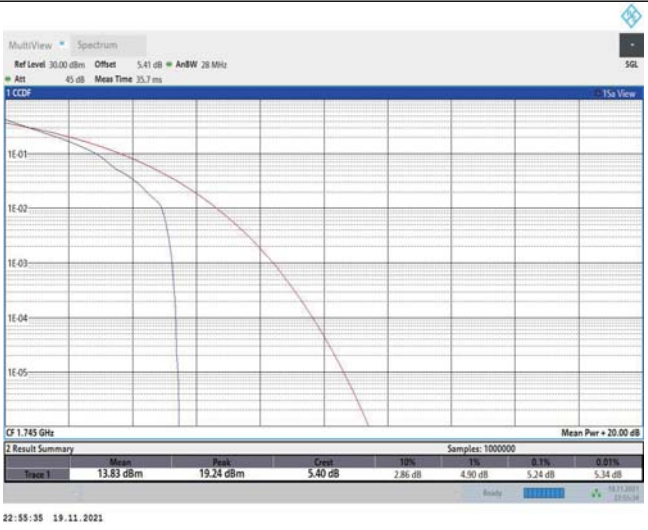
Band66-10MHz-QPSK-132022-1RB#0



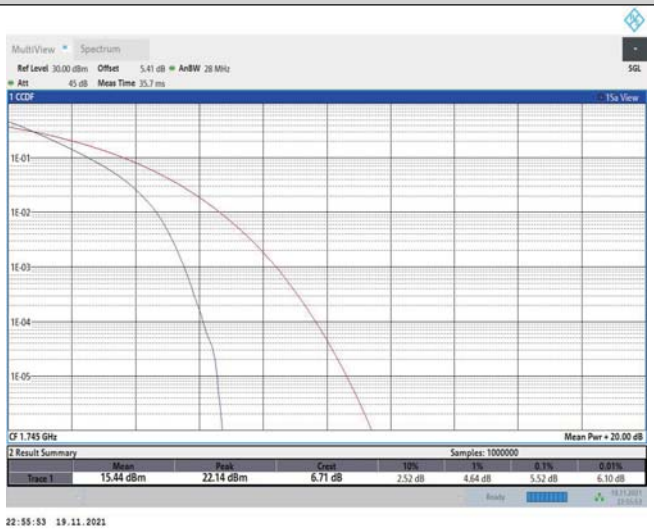
Band66-10MHz-QPSK-132022-50RB#0



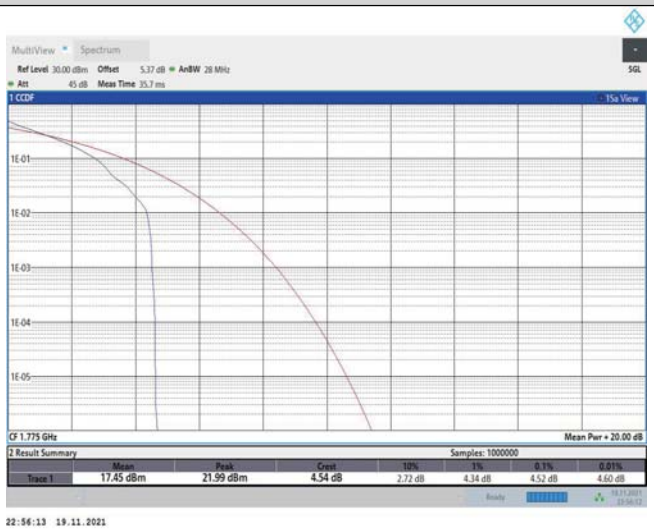
Band66-10MHz-QPSK-132322-1RB#0



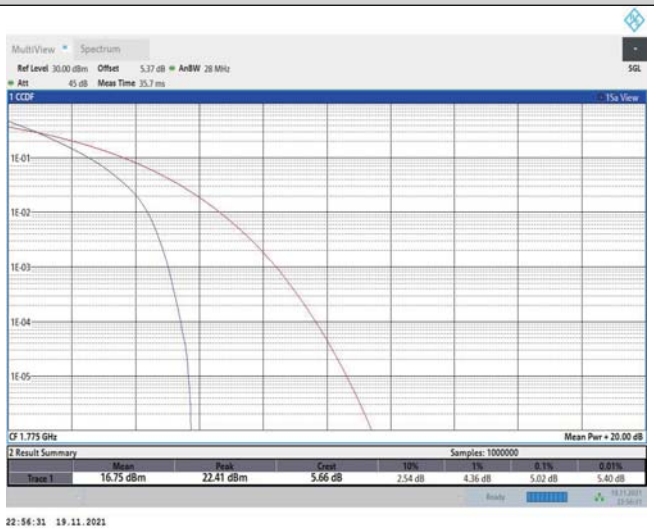
Band66-10MHz-QPSK-132322-50RB#0



Band66-10MHz-QPSK-132622-1RB#0

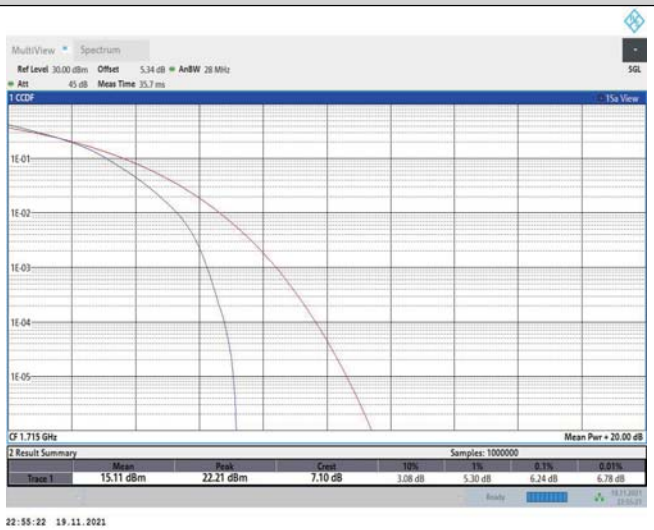


Band66-10MHz-QPSK-132622-50RB#0

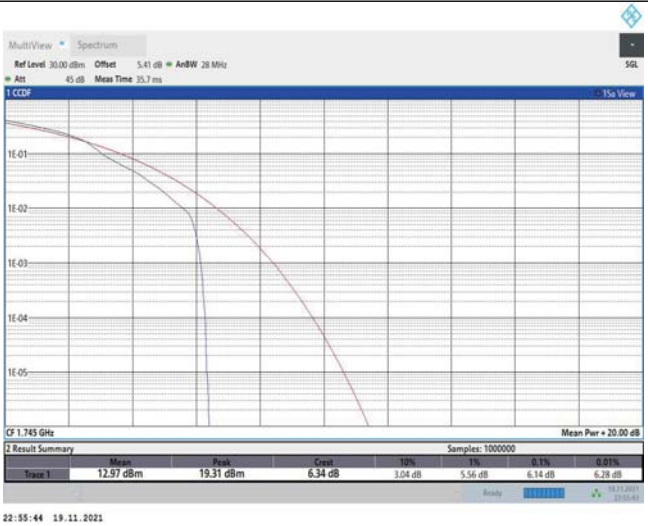


Band66-10MHz-16QAM-132022-1RB#0

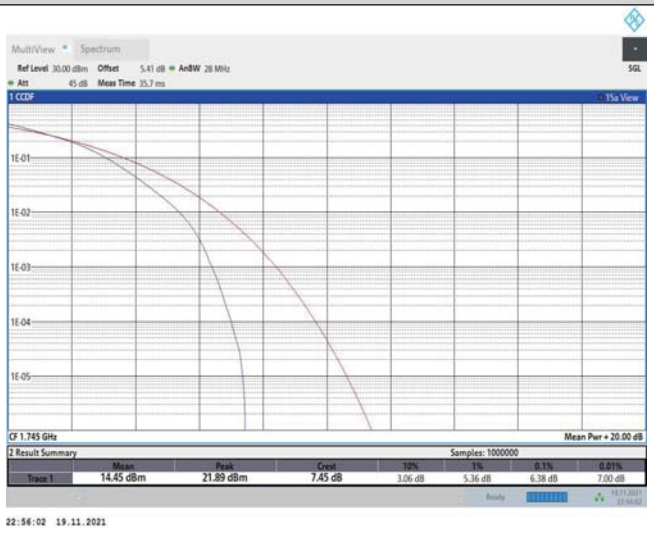
Band66-10MHz-16QAM-132022-50RB#0



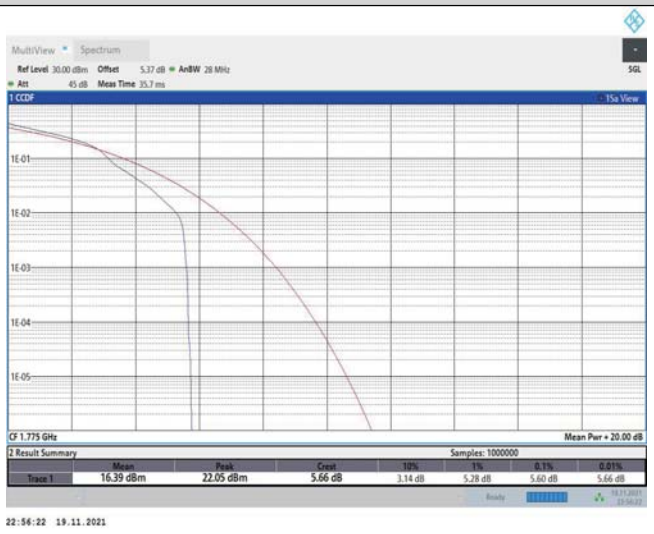
Band66-10MHz-16QAM-132322-1RB#0



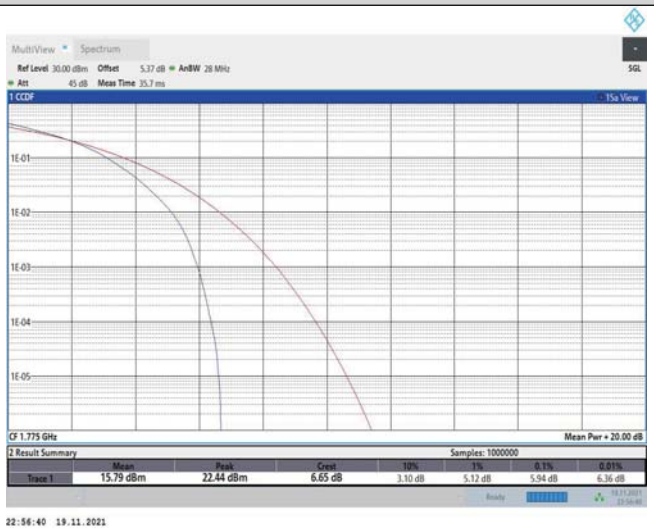
Band66-10MHz-16QAM-132322-50RB#0



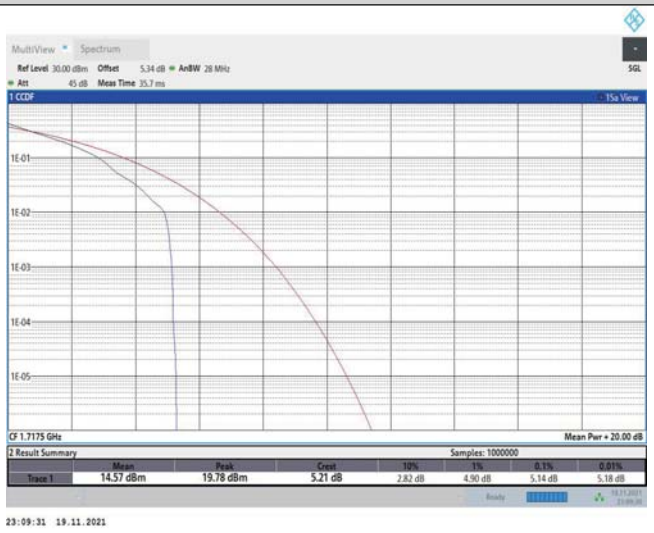
Band66-10MHz-16QAM-132622-1RB#0



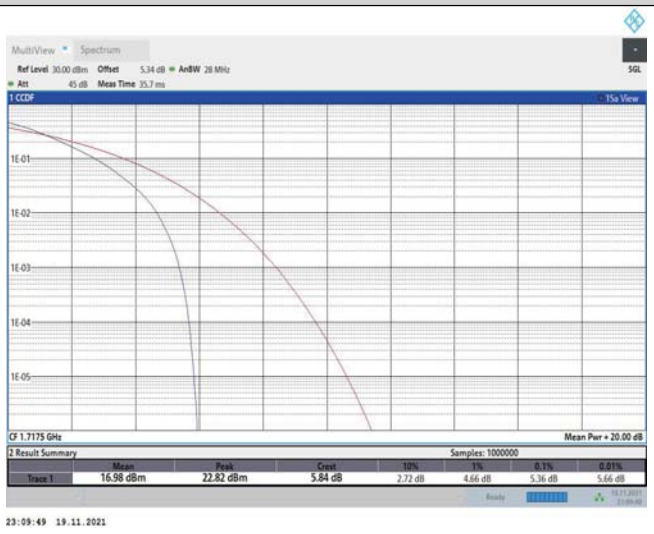
Band66-10MHz-16QAM-132622-50RB#0



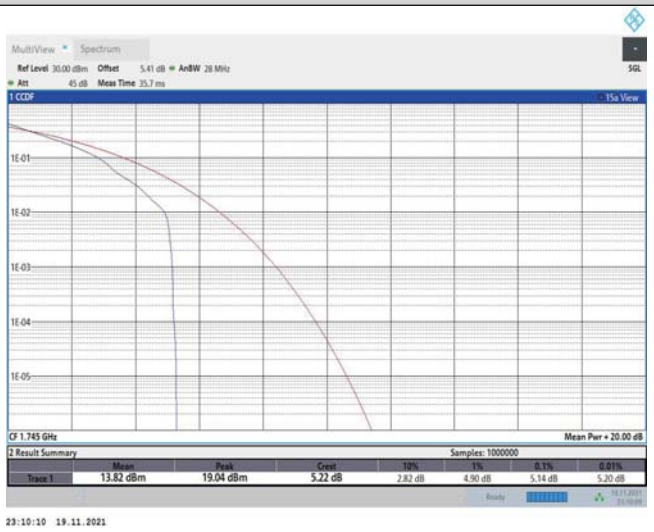
Band66-15MHz-QPSK-132047-1RB#0



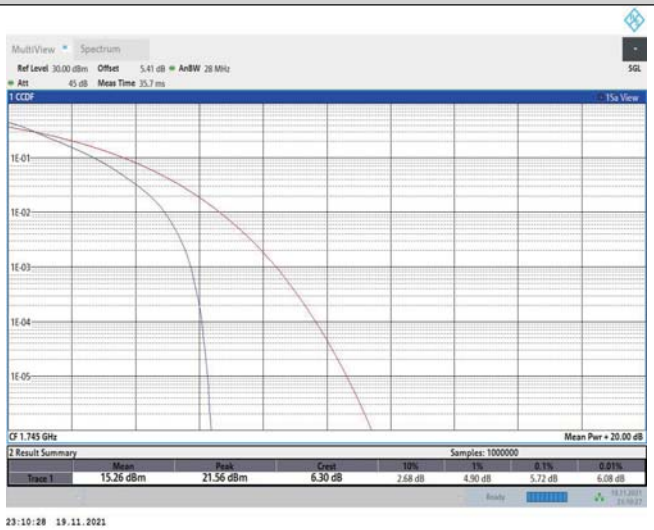
Band66-15MHz-QPSK-132047-75RB#0



Band66-15MHz-QPSK-132322-1RB#0

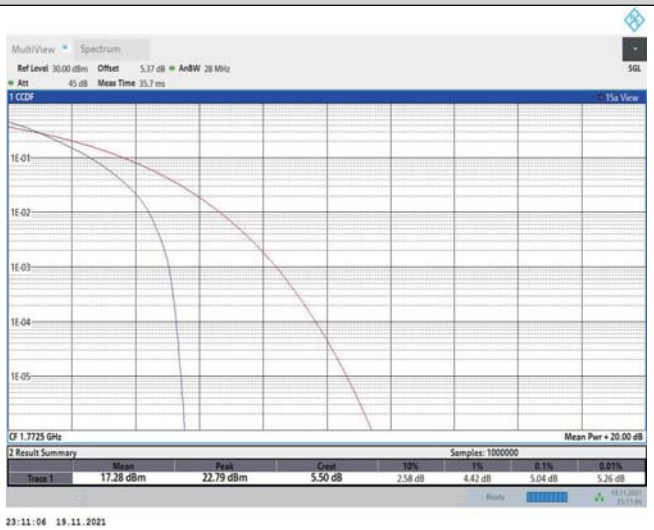


Band66-15MHz-QPSK-132322-75RB#0

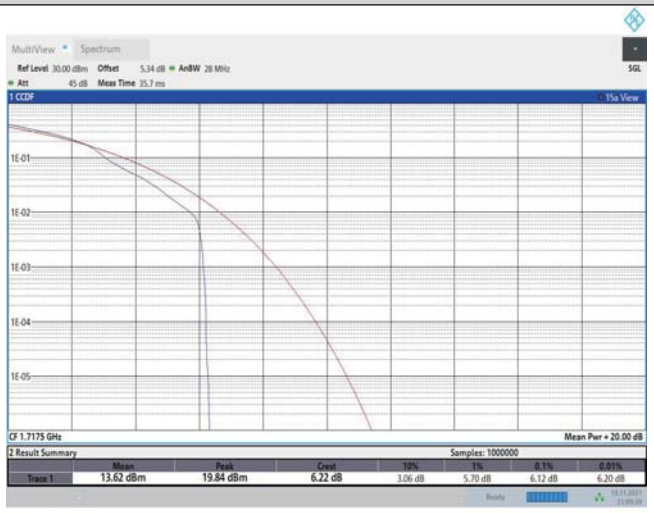


Band66-15MHz-QPSK-132597-1RB#0

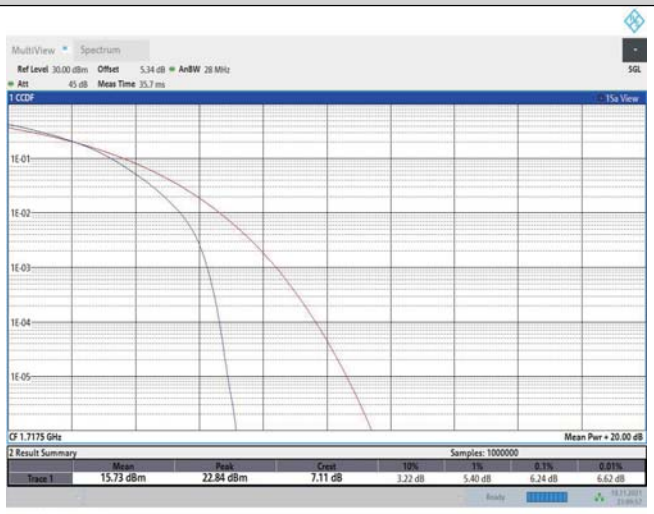
Band66-15MHz-QPSK-132597-75RB#0



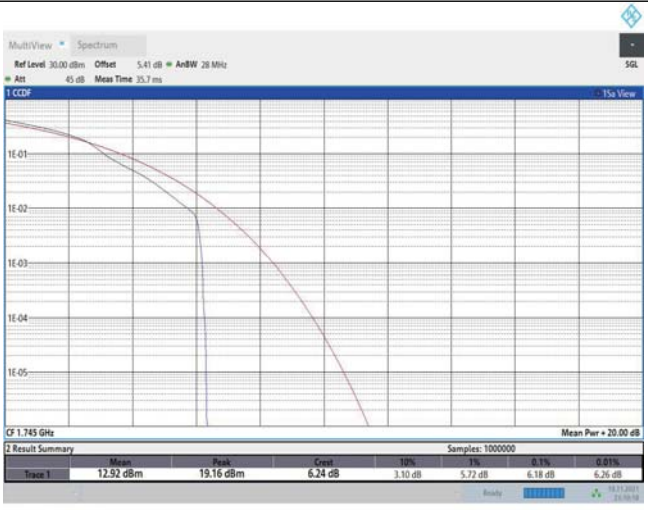
Band66-15MHz-16QAM-132047-1RB#0



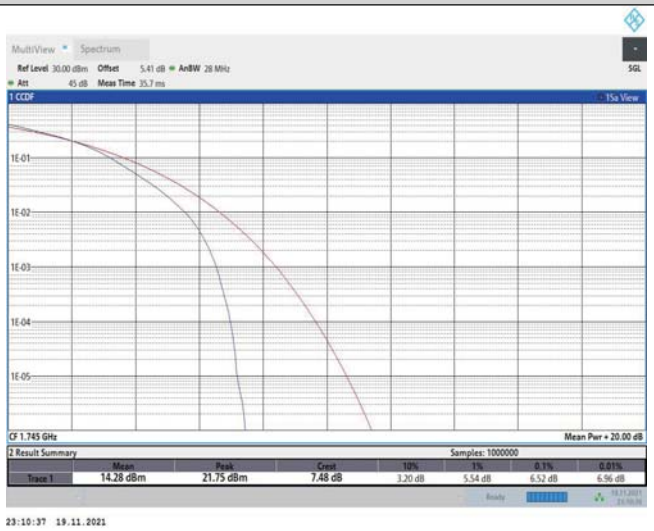
Band66-15MHz-16QAM-132047-75RB#0



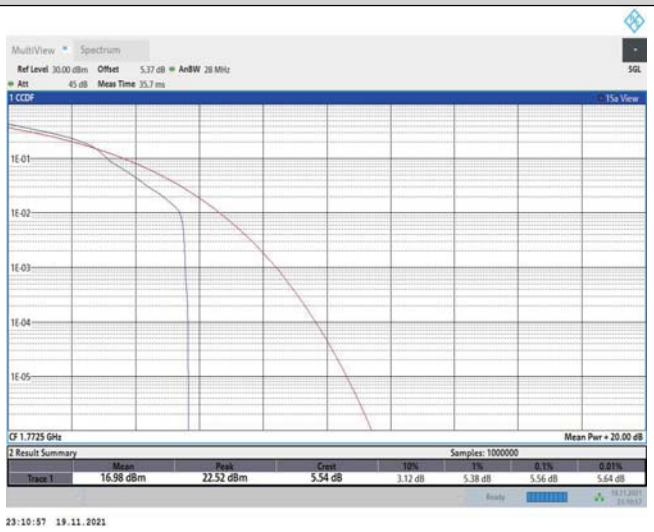
Band66-15MHz-16QAM-132322-1RB#0



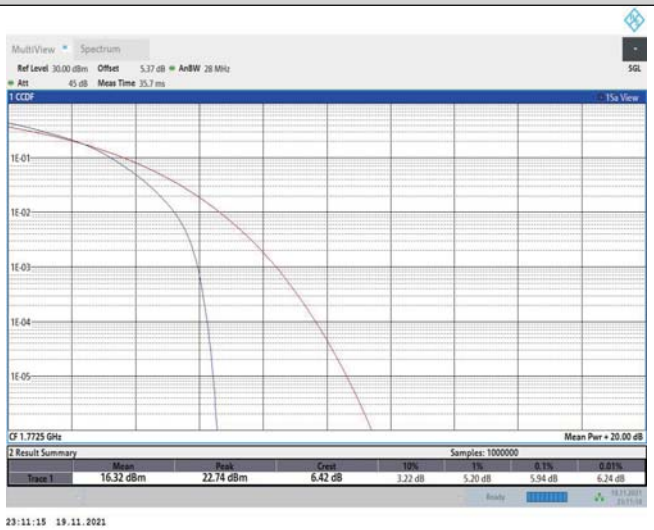
Band66-15MHz-16QAM-132322-75RB#0



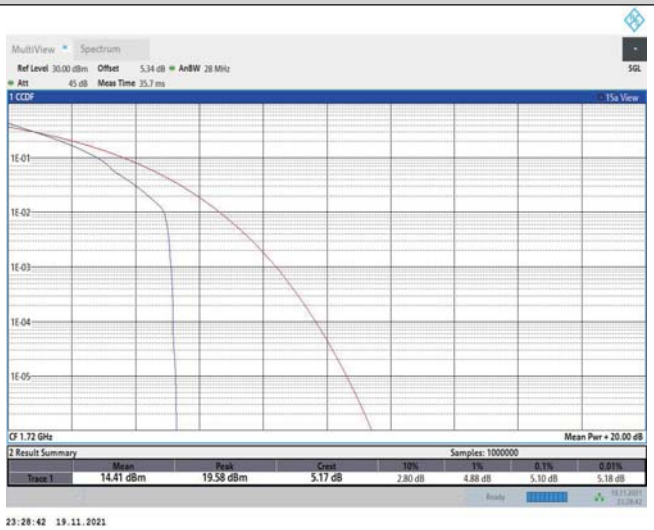
Band66-15MHz-16QAM-132597-1RB#0



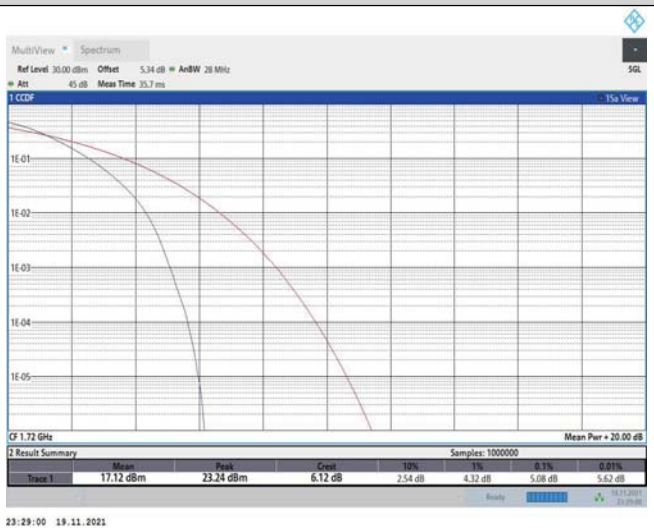
Band66-15MHz-16QAM-132597-75RB#0



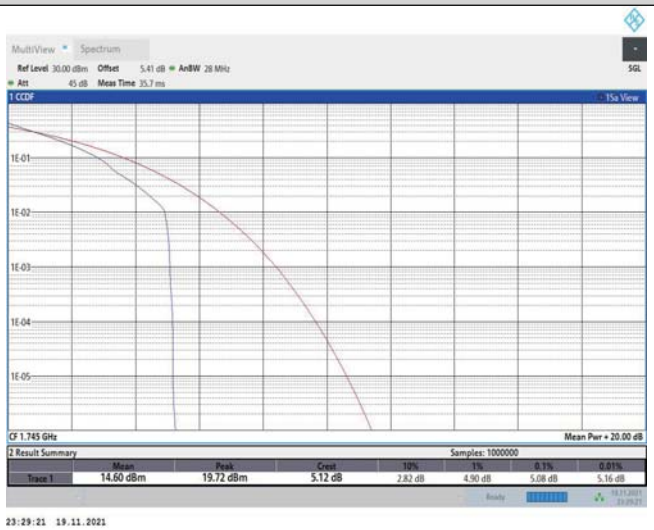
Band66-20MHz-QPSK-132072-1RB#0



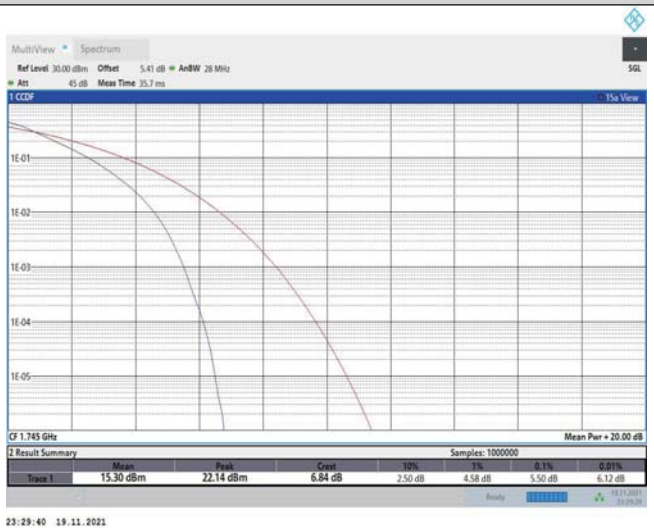
Band66-20MHz-QPSK-132072-100RB#0



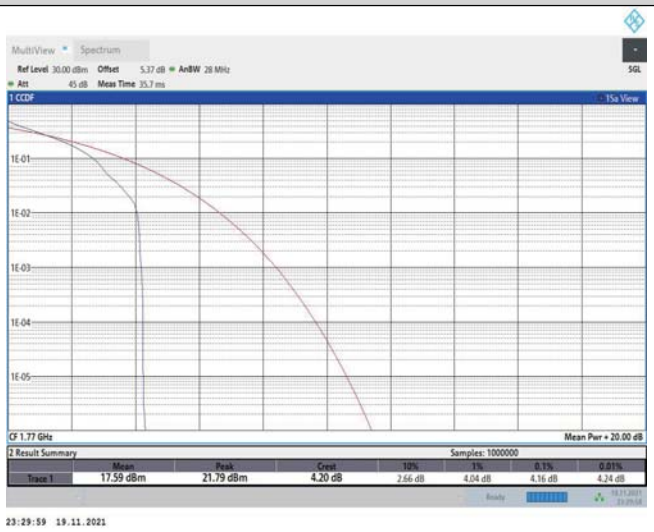
Band66-20MHz-QPSK-132322-1RB#0



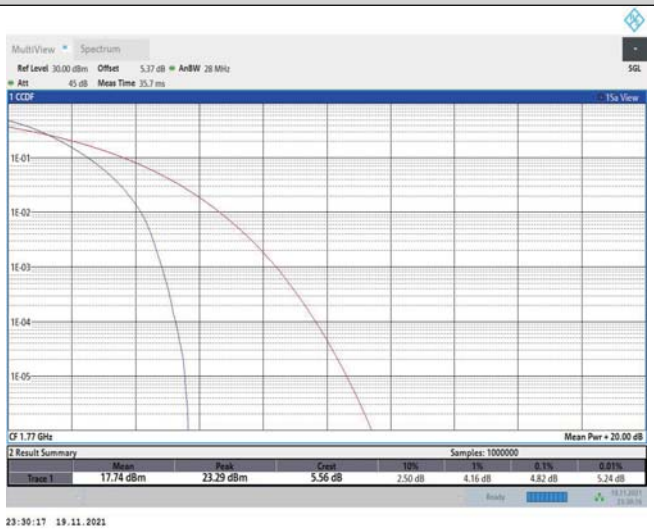
Band66-20MHz-QPSK-132322-100RB#0



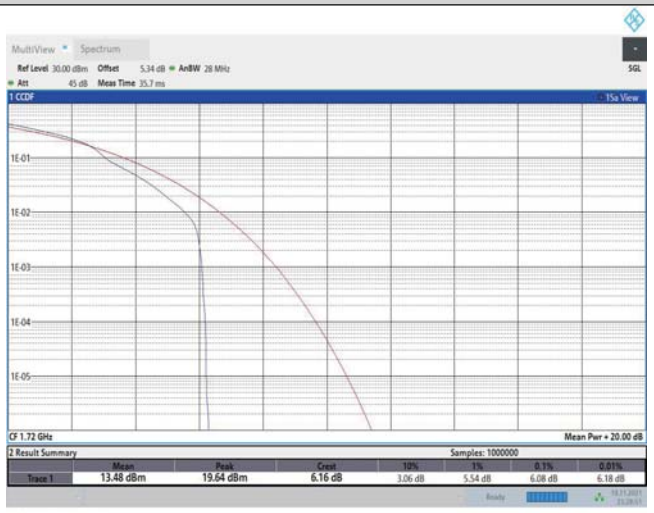
Band66-20MHz-QPSK-132572-1RB#0



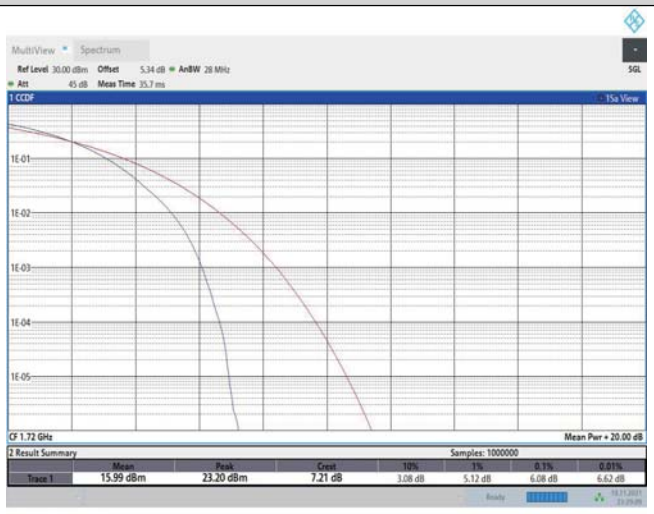
Band66-20MHz-QPSK-132572-100RB#0



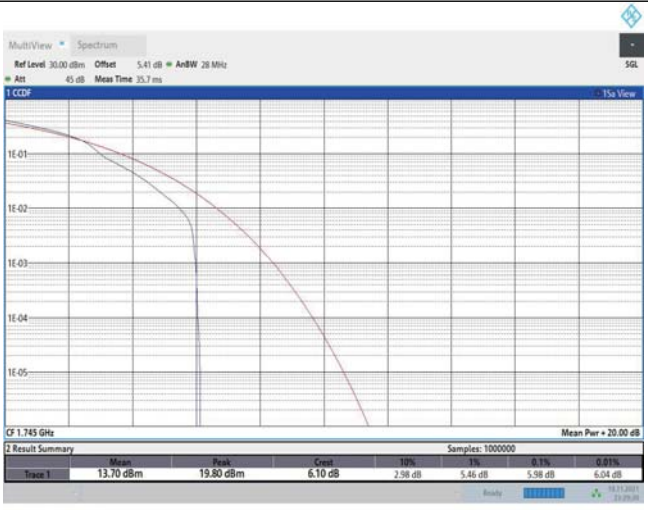
Band66-20MHz-16QAM-132072-1RB#0



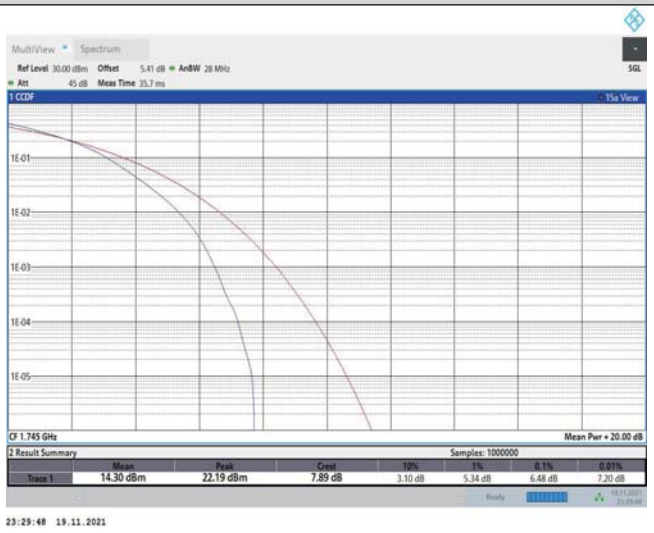
Band66-20MHz-16QAM-132072-100RB#0



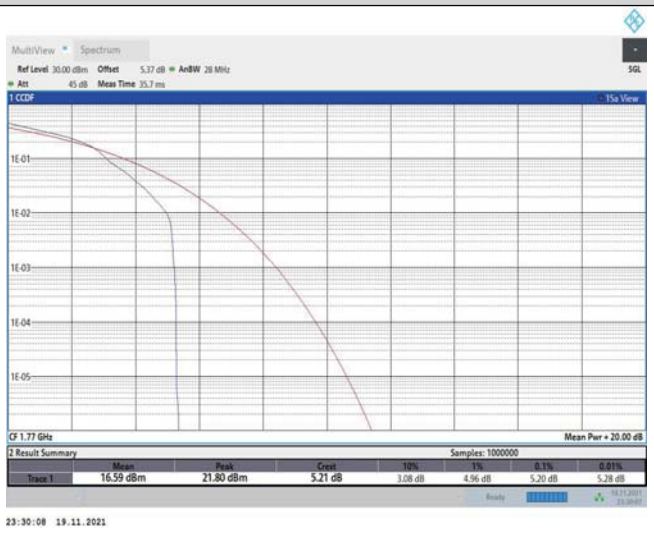
Band66-20MHz-16QAM-132322-1RB#0



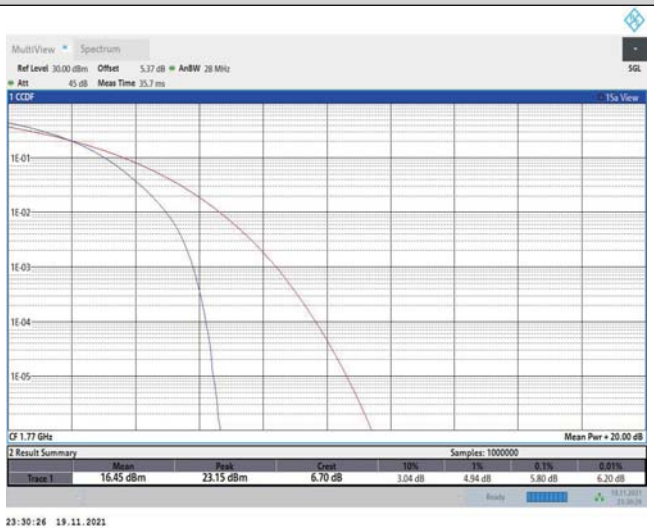
Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-1RB#0



Band66-20MHz-16QAM-132572-100RB#0



5.3 OCCUPIED BANDWIDTH MEASUREMENT

5.3.1 Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	1.095	1.265	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.085	1.230	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.087	1.255	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.084	1.245	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.083	1.240	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.083	1.260	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.692	2.850	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7	2.850	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.7	2.900	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.694	2.870	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.691	2.870	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.695	2.890	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.505	4.830	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.496	4.800	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.503	4.810	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.511	4.800	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.502	4.790	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.506	4.810	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.976	9.533	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.934	9.533	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.964	9.533	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.958	9.533	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.926	9.500	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.961	9.533	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.42	14.250	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.378	14.250	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.417	14.300	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.399	14.250	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.381	14.250	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.403	14.300	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.915	19.267	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.895	19.267	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.97	19.267	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.889	19.267	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.871	19.267	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.986	19.333	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.491	4.940	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.502	4.820	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.494	4.790	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.507	4.780	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.51	4.780	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.492	4.800	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.969	9.533	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.97	9.567	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.962	9.533	PASS

Band7	10MHz	16QAM	20800	50RB#0	8.96	9.533	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.971	9.533	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.958	9.533	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.442	14.300	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.478	14.300	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.475	14.300	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.445	14.300	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.482	14.300	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.468	14.300	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.059	19.333	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.036	19.333	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.033	19.267	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.978	19.267	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.024	19.333	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.047	19.333	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.091	1.245	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.085	1.240	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.087	1.255	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.084	1.245	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.084	1.240	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.083	1.255	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.695	2.870	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.693	2.880	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.703	2.890	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.695	2.870	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.691	2.880	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.692	2.890	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.507	4.820	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.504	4.790	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.506	4.810	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.518	4.800	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.513	4.780	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.507	4.790	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.972	9.533	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.949	9.533	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.959	9.533	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.972	9.567	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.943	9.533	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.953	9.567	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.448	14.450	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.421	14.300	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.396	14.250	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.407	14.250	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.409	14.300	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.402	14.250	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.896	19.267	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.982	19.333	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.871	19.267	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.886	19.267	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.974	19.267	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.87	19.267	PASS